

Armature stradali Streetlights	NOVA	160
	MIG 1B	164
	MIG 1	168
	MIG 2	172
	BEST S1	176
	BEST S2	180
	BEST S3	184
	BEST S4	188
Arredo urbano Urban streetlights	GEO	192
	GEO B	198
	AERO	202
	LIZ	204
Retrofit Retrofit	RETROLED	208

STRADALI E ARREDO URBANO
URBAN AND STREETLIGHTS

NOVA

Apparecchio led per l' illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore silver o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating silver or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).



CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 09 · 7 WARRANTY · CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection · Prewired · Silver RAL 9006 · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K	(CRI)		+	W. tot.		+ Options ○ Silver		Options ● Antracite	
9210		T2		3	= 3000°K (CRI ≥70)			012	044	GL	= on/off	EL	= on/off
		ME		4	= 4000°K (CRI ≥70)			014	050	GD	= dali 2	LD	= dali 2
		CP						018	052	MG	= mezzanotte virtuale / virtual midnight	MD	= mezzanotte virtuale / virtual midnight
								022	055	ZD	= zhaga socket D4i	DZ	= zhaga socket D4i
								024	056	ZS	= zhaga socket D4i up&down	SZ	= zhaga socket D4i up&down
								025	060				
								026	062				
								028	068				
								030	075				
								034	080				
								035	092				
								036	105				
								040	120				
								041					

Δ LUMEN

	°K	CRI	% Lm
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.
- Surge Protection da 10kV incluso.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 800 mm.
- Sportello ispezionabile con possibilità apertura tool-less.

- 60 mm diameter painted adjustable pole bracket.
- 10kV Surge Protection.
- 800 mm long H07RN-F neoprene cable.
- Inspection door with tool-less opening option

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm.

Top pole installation - Ø 60 mm.

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60 mm

Horizontal top pole installation - Ø 60 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm (ACC112-177) o installazione doppia (ACC244-245).

Single half pole installation Ø 60 mm (ACC112-177) or double half pole installation Ø 60 mm (ACC244-245).

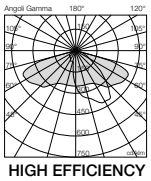
Apparecchio adatto per installazione a parete. (ACC113-178)

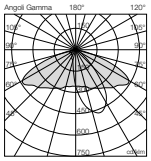
Wall installation. (ACC113-178)

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver o antracite.

Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver or anthracite color.

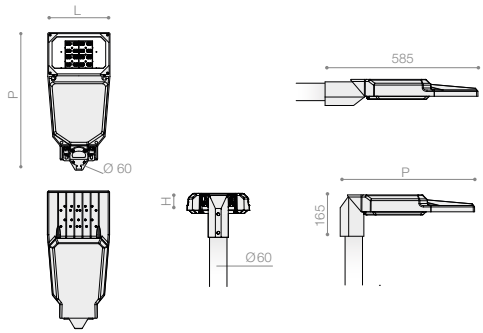

HIGH EFFICIENCY


HIGH POWER





ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER



HIGH EFFICIENCY

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9210T24012GL	12	4000	≥70	2233	230 x 475 x 75	
9210T24014GL	14	4000	≥70	2537	230 x 475 x 75	
9210T24018GL	18	4000	≥70	3134	230 x 475 x 75	
9210T24022GL	22	4000	≥70	3718	230 x 475 x 75	
9210T24024GL	24	4000	≥70	4466	230 x 475 x 75	
9210T24026GL	26	4000	≥70	4276	230 x 475 x 75	
9210T24028GL	28	4000	≥70	5074	230 x 475 x 75	
9210T24030GL	30	4000	≥70	4825	230 x 475 x 75	
9210T24035GL	35	4000	≥70	5346	230 x 475 x 75	
9210T24036GL	36	4000	≥70	6269	230 x 475 x 75	
9210T24041GL	41	4000	≥70	6116	230 x 475 x 75	
9210T24044GL	44	4000	≥70	7435	230 x 475 x 75	
9210T24052GL	52	4000	≥70	8553	230 x 475 x 75	
9210T24055GL	55	4000	≥70	9096	230 x 475 x 75	
9210T24060GL	60	4000	≥70	9650	230 x 475 x 75	
9210T24068GL	68	4000	≥70	10693	230 x 475 x 75	
9210T24080GL	80	4000	≥70	12232	230 x 475 x 75	

HIGH POWER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9210T24025GL	25	4000	≥70	3830	230 x 475 x 75	
9210T24034GL	34	4000	≥70	5101	230 x 475 x 75	
9210T24040GL	40	4000	≥70	6013	230 x 475 x 75	
9210T24050GL	50	4000	≥70	7495	230 x 475 x 75	
9210T24056GL	56	4000	≥70	8168	230 x 475 x 75	
9210T24062GL	62	4000	≥70	9730	230 x 475 x 75	
9210T24075GL	75	4000	≥70	12026	230 x 475 x 75	
9210T24092GL	92	4000	≥70	13337	230 x 475 x 75	
9210T24105GL	105	4000	≥70	14799	230 x 475 x 75	
9210T24120GL	120	4000	≥70	16312	230 x 475 x 75	

HIGH POWER

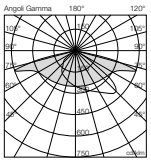
HIGH EFFICIENCY

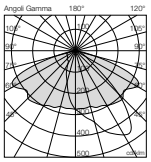


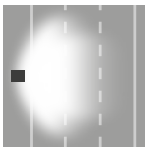
Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver o antracite.

Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver or anthracite color.

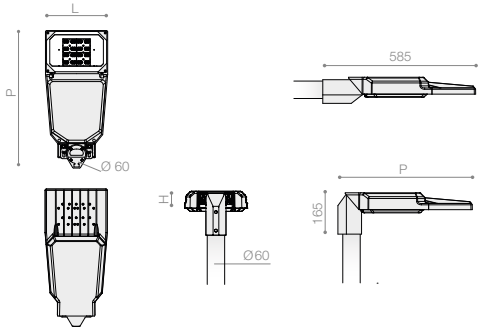

HIGH EFFICIENCY


HIGH POWER





ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER



HIGH EFFICIENCY

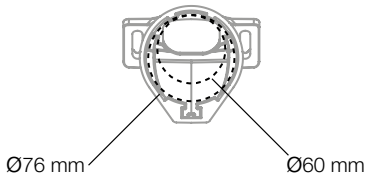
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9210ME4012GL	12	4000	≥70	2230	230 x 475 x 75	○
9210ME4014GL	14	4000	≥70	2534	230 x 475 x 75	○
9210ME4018GL	18	4000	≥70	3131	230 x 475 x 75	○
9210ME4022GL	22	4000	≥70	3713	230 x 475 x 75	○
9210ME4024GL	24	4000	≥70	4461	230 x 475 x 75	○
9210ME4026GL	26	4000	≥70	4271	230 x 475 x 75	○
9210ME4028GL	28	4000	≥70	5069	230 x 475 x 75	○
9210ME4030GL	30	4000	≥70	4820	230 x 475 x 75	○
9210ME4035GL	35	4000	≥70	5340	230 x 475 x 75	○
9210ME4036GL	36	4000	≥70	6262	230 x 475 x 75	○
9210ME4041GL	41	4000	≥70	6109	230 x 475 x 75	○
9210ME4044GL	44	4000	≥70	7427	230 x 475 x 75	○
9210ME4052GL	52	4000	≥70	8543	230 x 475 x 75	○
9210ME4055GL	55	4000	≥70	9086	230 x 475 x 75	○
9210ME4060GL	60	4000	≥70	9639	230 x 475 x 75	○
9210ME4068GL	68	4000	≥70	10681	230 x 475 x 75	○
9210ME4080GL	80	4000	≥70	12218	230 x 475 x 75	○

HIGH POWER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9210ME4025GL	25	4000	≥70	3826	230 x 475 x 75	○
9210ME4034GL	34	4000	≥70	5096	230 x 475 x 75	○
9210ME4040GL	40	4000	≥70	6006	230 x 475 x 75	○
9210ME4050GL	50	4000	≥70	7487	230 x 475 x 75	○
9210ME4056GL	56	4000	≥70	8159	230 x 475 x 75	○
9210ME4062GL	62	4000	≥70	9719	230 x 475 x 75	○
9210ME4075GL	75	4000	≥70	12013	230 x 475 x 75	○
9210ME4092GL	92	4000	≥70	13322	230 x 475 x 75	○
9210ME4105GL	105	4000	≥70	14783	230 x 475 x 75	○
9210ME4120GL	120	4000	≥70	16294	230 x 475 x 75	○



Sportello ispezionabile con possibilità apertura tool-less
Inspection door with tool-less opening option



ACC312-ACC313
Attacco palo compatibile con palo da Ø60mm e palo da Ø76mm
Pole attachment compatible with Ø60mm pole and Ø76mm pole

ACCESSORI / ACCESSORIES


ACC069


ACC071


ACC112


ACC244


ACC113


ACC177


ACC245


ACC178


ACC312


ACC313


ACC196


ACC344

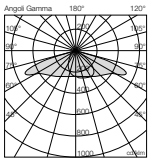

ACC238

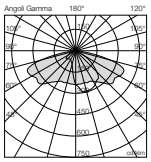

ACC386

Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver o antracite.

Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver or anthracite color.

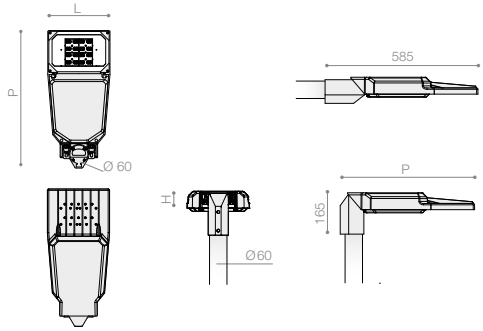

HIGH EFFICIENCY


HIGH POWER





ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

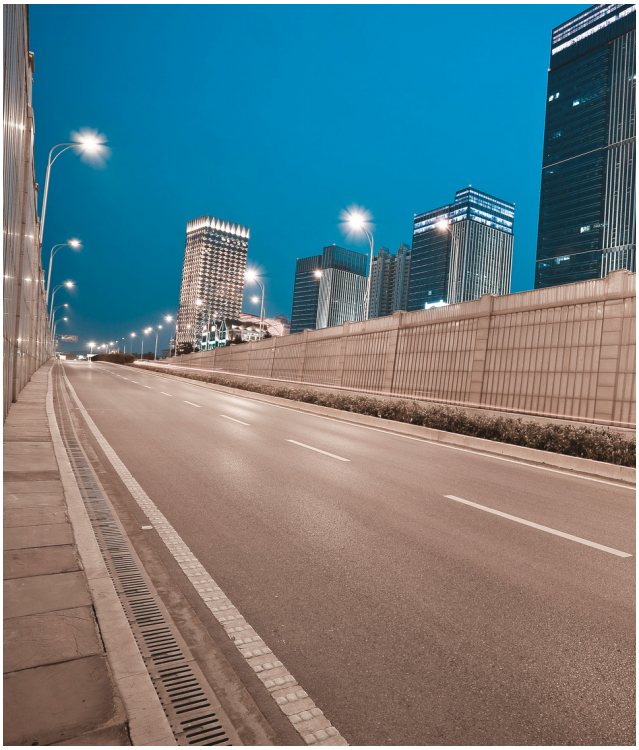


HIGH EFFICIENCY

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9210CP4012GL	12	4000	≥70	2217	230 x 475 x 75	
9210CP4014GL	14	4000	≥70	2520	230 x 475 x 75	
9210CP4018GL	18	4000	≥70	3113	230 x 475 x 75	
9210CP4022GL	22	4000	≥70	3692	230 x 475 x 75	
9210CP4024GL	24	4000	≥70	4435	230 x 475 x 75	
9210CP4026GL	26	4000	≥70	4247	230 x 475 x 75	
9210CP4028GL	28	4000	≥70	5039	230 x 475 x 75	
9210CP4030GL	30	4000	≥70	4792	230 x 475 x 75	
9210CP4035GL	35	4000	≥70	5310	230 x 475 x 75	
9210CP4036GL	36	4000	≥70	6226	230 x 475 x 75	
9210CP4041GL	41	4000	≥70	6074	230 x 475 x 75	
9210CP4044GL	44	4000	≥70	7384	230 x 475 x 75	
9210CP4052GL	52	4000	≥70	8494	230 x 475 x 75	
9210CP4055GL	55	4000	≥70	9033	230 x 475 x 75	
9210CP4060GL	60	4000	≥70	9584	230 x 475 x 75	
9210CP4068GL	68	4000	≥70	10619	230 x 475 x 75	
9210CP4080GL	80	4000	≥70	12148	230 x 475 x 75	

HIGH POWER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9210CP4025GL	25	4000	≥70	3805	230 x 475 x 75	
9210CP4034GL	34	4000	≥70	5068	230 x 475 x 75	
9210CP4040GL	40	4000	≥70	5973	230 x 475 x 75	
9210CP4050GL	50	4000	≥70	7446	230 x 475 x 75	
9210CP4056GL	56	4000	≥70	8114	230 x 475 x 75	
9210CP4062GL	62	4000	≥70	9666	230 x 475 x 75	
9210CP4075GL	75	4000	≥70	11947	230 x 475 x 75	
9210CP4092GL	92	4000	≥70	13249	230 x 475 x 75	
9210CP4105GL	105	4000	≥70	14701	230 x 475 x 75	
9210CP4120GL	120	4000	≥70	16205	230 x 475 x 75	



ACCESSORI / ACCESSORIES

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC112 Attacco mezzo palo singolo per armature stradali colore silver. Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC177 Attacco mezzo palo singolo per armature stradali colore antracite. Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC344 Kit viti a farfalla in acciaio inox per chiusura tool-less.
Stainless steel butterfly screw kit for tool-less locking.

ACC238 Fotosensore per armature stradali con attacco Zhaga D4i.
Photosensor for street lighting with Zhaga D4i socket.

ACC386 Sensore di movimento a microonde Zhaga D4i per armature stradali.
Zhaga D4i microwave motion sensor for streetlights.

MIG 1B

Apparecchio led per l'illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating silver, graohite or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).



CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY · CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection · Prewired · Silver RAL 9006 · Grafite Graphite · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K (CRI)		+	W. tot.	+ Options ○ Silver		Options ◉ Grafite		Options ● Antracite	
9202		T2		3	= 3000°K (CRI ≥70)		025	GL	= on/off	RL	= on/off	EL	= on/off
		ME		4	= 4000°K (CRI ≥70)		030	GD	= dali 2	RD	= dali 2	LD	= dali 2
		CP					034	MG	= mezzanotte virtuale virtual midnight	MR	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
							040						
							050						
							056						
							062						
							075						
							092						
							105						
							120						

Δ LUMEN

	°K	CRI	% Lm
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.
  - 60 mm diameter painted adjustable pole bracket.
- Surge Protection da 10kV incluso.
  - 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 800 mm.
  - 800 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm, o da Ø 60-76 mm. (ACC312-313-314)

Top pole installation - Ø 60 mm or Ø 60-76 mm. (ACC312-313-314)

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60-76 mm.

Horizontal top pole installation Ø 60-76 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-246)

Single half pole installation Ø 60 mm. (ACC112-177-246)

Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-248-245)

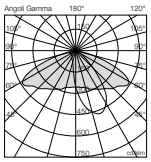
Double half pole installation Ø 60mm. (ACC244-248-245)

Apparecchio adatto per installazione a parete. (ACC113-247-178)

Wall installation. (ACC113-247-178)

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



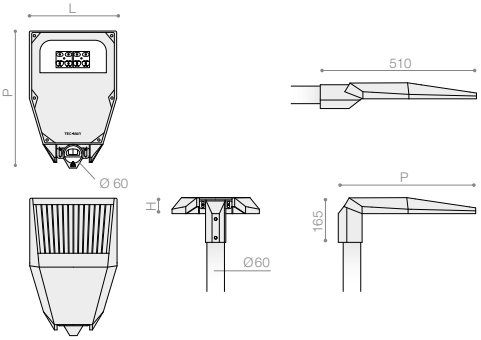


Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



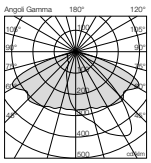
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

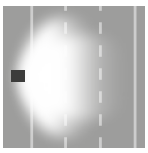
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9202T24025GL	25	4000	≥70	3830	245 x 415 x 60	
9202T24030GL	30	4000	≥70	4597	245 x 415 x 60	
9202T24034GL	34	4000	≥70	5101	245 x 415 x 60	
9202T24040GL	40	4000	≥70	6013	245 x 415 x 60	
9202T24050GL	50	4000	≥70	7495	245 x 415 x 60	
9202T24056GL	56	4000	≥70	8168	245 x 415 x 60	
9202T24062GL	62	4000	≥70	9730	245 x 415 x 60	
9202T24075GL	75	4000	≥70	12026	245 x 415 x 60	
9202T24092GL	92	4000	≥70	13337	245 x 415 x 60	
9202T24105GL	105	4000	≥70	14799	245 x 415 x 60	
9202T24120GL	120	4000	≥70	16312	245 x 415 x 60	



Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



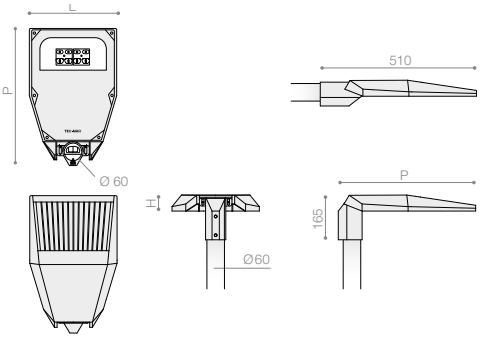


Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



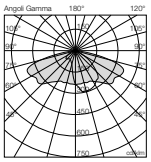
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

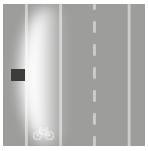
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9202ME4025GL	25	4000	≥70	3826	245 x 415 x 60	
9202ME4030GL	30	4000	≥70	4592	245 x 415 x 60	
9202ME4034GL	34	4000	≥70	5096	245 x 415 x 60	
9202ME4040GL	40	4000	≥70	6006	245 x 415 x 60	
9202ME4050GL	50	4000	≥70	7487	245 x 415 x 60	
9202ME4056GL	56	4000	≥70	8159	245 x 415 x 60	
9202ME4062GL	62	4000	≥70	9719	245 x 415 x 60	
9202ME4075GL	75	4000	≥70	12013	245 x 415 x 60	
9202ME4092GL	92	4000	≥70	13322	245 x 415 x 60	
9202ME4105GL	105	4000	≥70	14783	245 x 415 x 60	
9202ME4120GL	120	4000	≥70	16294	245 x 415 x 60	



Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



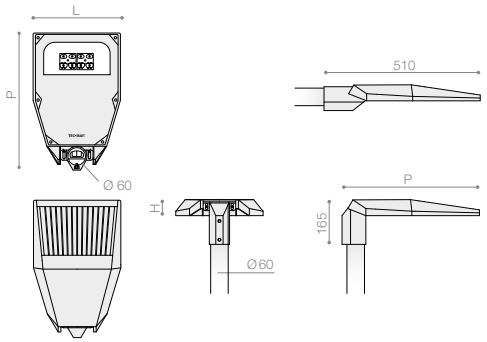




Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.

ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9202CP4025GL	25	4000	≥70	3805	245 x 415 x 60	
9202CP4030GL	30	4000	≥70	4567	245 x 415 x 60	
9202CP4034GL	34	4000	≥70	5068	245 x 415 x 60	
9202CP4040GL	40	4000	≥70	5973	245 x 415 x 60	
9202CP4050GL	50	4000	≥70	7446	245 x 415 x 60	
9202CP4056GL	56	4000	≥70	8114	245 x 415 x 60	
9202CP4062GL	62	4000	≥70	9666	245 x 415 x 60	
9202CP4075GL	75	4000	≥70	11947	245 x 415 x 60	
9202CP4092GL	92	4000	≥70	13249	245 x 415 x 60	
9202CP4105GL	105	4000	≥70	14701	245 x 415 x 60	
9202CP4120GL	120	4000	≥70	16205	245 x 415 x 60	






ACC069


ACC071


ACC112


ACC244


ACC113


ACC312


ACC246


ACC248


ACC247


ACC314


ACC177


ACC245


ACC178


ACC313


ACC196

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC112 Attacco mezzo palo per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC246 Attacco mezzo palo per armature stradali colore grafite.
Diametro palo 60 mm.
Streetlights half-pole bracket, graphite color. Pole diameter: 60 mm.

ACC248 Attacco mezzo palo doppio per armature stradali colore grafite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, graphite color. Pole diameter: 60 mm.

ACC247 Attacco a parete per armature stradali colore grafite.
Streetlights wall bracket, graphite color.

ACC314 Attacco palo per pali diametro 60-76mm colore grafite.
Pole bracket for poles diameter 60-76mm graphite color.

ACC177 Attacco mezzo palo per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.



MIG 1

Apparecchio led per l'illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating silver, graohite or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).



CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY · CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection · Prewired · Silver RAL 9006 · Grafite Graphite · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K (CRI)		+	W. tot.		+ Options ○ Silver		Options ◉ Grafite		Options ● Antracite	
9200		T2		22	= ambra (CRI ≥70) *		08	34	GL	= on/off	RL	= on/off	EL	= on/off
		ME		30	= 3000°K (CRI ≥70)		12	36	GM	= 1-10v	RM	= 1-10v	LM	= 1-10v
		CP		40	= 4000°K (CRI ≥70)		13	40	GD	= dali 2	RD	= dali 2	LD	= dali 2
		AD		50	= 5000°K (CRI ≥70) *		16	45	MG	= mezzanotte virtuale virtual midnight	MR	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
		AS					17	52	ZD	= zhaga socket D4i	RZ	= zhaga socket D4i	DZ	= zhaga socket D4i
							18	54	ZS	= zhaga socket D4i up&down	ZR	= zhaga socket D4i up&down	SZ	= zhaga socket D4i up&down
							24	55						
							25	60						
							26	67						
							27	80						

* disponibilità su richiesta / * available on request

Δ LUMEN

	°K	CRI	% Lm
22	ambra	≥ 70	-15.30%
30	3000	≥ 70	-0.50%
40	4000	≥ 70	standard
50	5000	≥ 70	+0.50%

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.
  - 60 mm diameter painted adjustable pole bracket.
- Surge Protection da 10kV incluso.
  - 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 1500 mm.
  - 1500 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm, o da Ø 60-76 mm. (ACC312-313-314)

Top pole installation - Ø 60 mm or Ø 60-76 mm. (ACC312-313-314)

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60-76 mm.

Horizontal top pole installation Ø 60-76 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-246)

Single half pole installation Ø 60 mm. (ACC112-177-246)

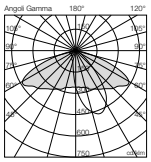
Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-248-245)

Double half pole installation Ø 60mm. (ACC244-248-245)

Apparecchio adatto per installazione a parete. (ACC113-247-178)

Wall installation. (ACC113-247-178)

Mod. T2





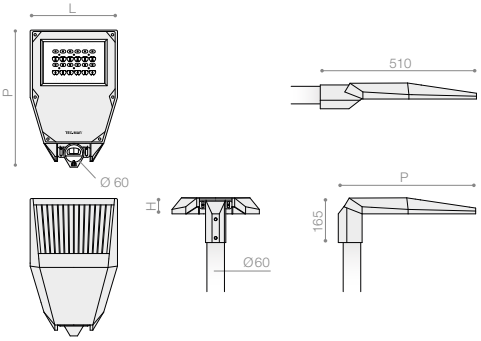
Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.

Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.

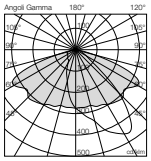


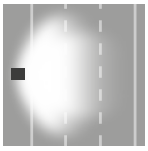
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9200T24008GL	8	4000	≥70	1489	245 x 415 x 60	
9200T24012GL	12	4000	≥70	2232	245 x 415 x 60	
9200T24013GL	13	4000	≥70	2282	245 x 415 x 60	
9200T24016GL	16	4000	≥70	2977	245 x 415 x 60	
9200T24017GL	17	4000	≥70	2848	245 x 415 x 60	
9200T24018GL	18	4000	≥70	3132	245 x 415 x 60	
9200T24024GL	24	4000	≥70	4175	245 x 415 x 60	
9200T24025GL	25	4000	≥70	4466	245 x 415 x 60	
9200T24026GL	26	4000	≥70	4272	245 x 415 x 60	
9200T24027GL	27	4000	≥70	4071	245 x 415 x 60	
9200T24034GL	34	4000	≥70	5697	245 x 415 x 60	
9200T24036GL	36	4000	≥70	6262	245 x 415 x 60	
9200T24040GL	40	4000	≥70	6107	245 x 415 x 60	
9200T24045GL	45	4000	≥70	7704	245 x 415 x 60	
9200T24052GL	52	4000	≥70	8545	245 x 415 x 60	
9200T24054GL	54	4000	≥70	8142	245 x 415 x 60	
9200T24055GL	55	4000	≥70	9095	245 x 415 x 60	
9200T24060GL	60	4000	≥70	9637	245 x 415 x 60	
9200T24067GL	67	4000	≥70	10694	245 x 415 x 60	
9200T24080GL	80	4000	≥70	12214	245 x 415 x 60	



Mod. ME





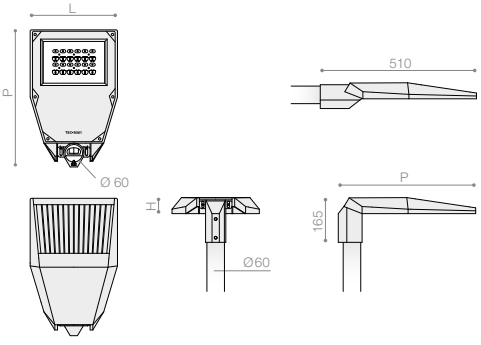
Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.

Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



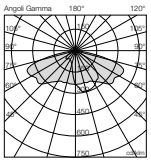
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

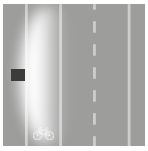
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9200ME4008GL	8	4000	≥70	1487	245 x 415 x 60	
9200ME4012GL	12	4000	≥70	2229	245 x 415 x 60	
9200ME4013GL	13	4000	≥70	2279	245 x 415 x 60	
9200ME4016GL	16	4000	≥70	2974	245 x 415 x 60	
9200ME4017GL	17	4000	≥70	2845	245 x 415 x 60	
9200ME4018GL	18	4000	≥70	3128	245 x 415 x 60	
9200ME4024GL	24	4000	≥70	4170	245 x 415 x 60	
9200ME4025GL	25	4000	≥70	4461	245 x 415 x 60	
9200ME4026GL	26	4000	≥70	4268	245 x 415 x 60	
9200ME4027GL	27	4000	≥70	4067	245 x 415 x 60	
9200ME4034GL	34	4000	≥70	5690	245 x 415 x 60	
9200ME4036GL	36	4000	≥70	6256	245 x 415 x 60	
9200ME4040GL	40	4000	≥70	6100	245 x 415 x 60	
9200ME4045GL	45	4000	≥70	7696	245 x 415 x 60	
9200ME4052GL	52	4000	≥70	8536	245 x 415 x 60	
9200ME4054GL	54	4000	≥70	8133	245 x 415 x 60	
9200ME4055GL	55	4000	≥70	9085	245 x 415 x 60	
9200ME4060GL	60	4000	≥70	9627	245 x 415 x 60	
9200ME4067GL	67	4000	≥70	10682	245 x 415 x 60	
9200ME4080GL	80	4000	≥70	12201	245 x 415 x 60	



Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



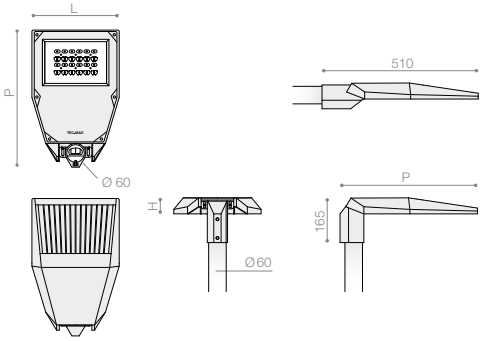


Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



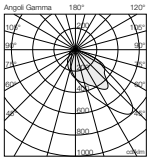
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

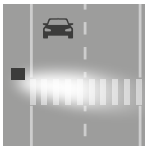
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9200CP4008GL	8	4000	≥70	1479	245 x 415 x 60	
9200CP4012GL	12	4000	≥70	2217	245 x 415 x 60	
9200CP4013GL	13	4000	≥70	2267	245 x 415 x 60	
9200CP4016GL	16	4000	≥70	2958	245 x 415 x 60	
9200CP4017GL	17	4000	≥70	2830	245 x 415 x 60	
9200CP4018GL	18	4000	≥70	3111	245 x 415 x 60	
9200CP4024GL	24	4000	≥70	4148	245 x 415 x 60	
9200CP4025GL	25	4000	≥70	4437	245 x 415 x 60	
9200CP4026GL	26	4000	≥70	4245	245 x 415 x 60	
9200CP4027GL	27	4000	≥70	4044	245 x 415 x 60	
9200CP4034GL	34	4000	≥70	5659	245 x 415 x 60	
9200CP4036GL	36	4000	≥70	6222	245 x 415 x 60	
9200CP4040GL	40	4000	≥70	6067	245 x 415 x 60	
9200CP4045GL	45	4000	≥70	7654	245 x 415 x 60	
9200CP4052GL	52	4000	≥70	8489	245 x 415 x 60	
9200CP4054GL	54	4000	≥70	8089	245 x 415 x 60	
9200CP4055GL	55	4000	≥70	9036	245 x 415 x 60	
9200CP4060GL	60	4000	≥70	9574	245 x 415 x 60	
9200CP4067GL	67	4000	≥70	10624	245 x 415 x 60	
9200CP4080GL	80	4000	≥70	12134	245 x 415 x 60	



Mod. AD

Ottica
Ottica asimmetrica per attraversamenti pedonali con illuminamento sul lato destro con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



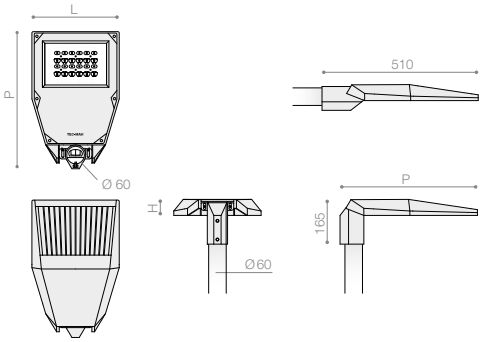


Optic
Asymmetric optics for pedestrian crossings with light on the right side with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



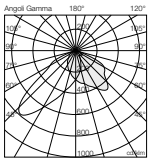
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

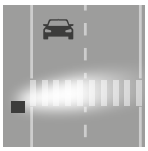
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9200AD4008GL	8	4000	≥70	1484	245 x 415 x 60	
9200AD4012GL	12	4000	≥70	2225	245 x 415 x 60	
9200AD4013GL	13	4000	≥70	2274	245 x 415 x 60	
9200AD4016GL	16	4000	≥70	2967	245 x 415 x 60	
9200AD4017GL	17	4000	≥70	2839	245 x 415 x 60	
9200AD4018GL	18	4000	≥70	3121	245 x 415 x 60	
9200AD4024GL	24	4000	≥70	4161	245 x 415 x 60	
9200AD4025GL	25	4000	≥70	4451	245 x 415 x 60	
9200AD4026GL	26	4000	≥70	4259	245 x 415 x 60	
9200AD4027GL	27	4000	≥70	4058	245 x 415 x 60	
9200AD4034GL	34	4000	≥70	5678	245 x 415 x 60	
9200AD4036GL	36	4000	≥70	6242	245 x 415 x 60	
9200AD4040GL	40	4000	≥70	6087	245 x 415 x 60	
9200AD4045GL	45	4000	≥70	7679	245 x 415 x 60	
9200AD4052GL	52	4000	≥70	8517	245 x 415 x 60	
9200AD4054GL	54	4000	≥70	8115	245 x 415 x 60	
9200AD4055GL	55	4000	≥70	9065	245 x 415 x 60	
9200AD4060GL	60	4000	≥70	9606	245 x 415 x 60	
9200AD4067GL	67	4000	≥70	10659	245 x 415 x 60	
9200AD4080GL	80	4000	≥70	12174	245 x 415 x 60	



Mod. AS

Ottica
Ottica asimmetrica per attraversamenti pedonali con illuminamento sul lato sinistro con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



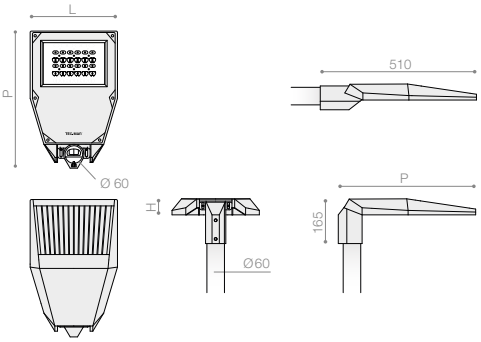


Optic
Asymmetric optics for pedestrian crossings with light on the left side with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9200AS4008GL	8	4000	≥70	1484	245 x 415 x 60	
9200AS4012GL	12	4000	≥70	2225	245 x 415 x 60	
9200AS4013GL	13	4000	≥70	2274	245 x 415 x 60	
9200AS4016GL	16	4000	≥70	2967	245 x 415 x 60	
9200AS4017GL	17	4000	≥70	2839	245 x 415 x 60	
9200AS4018GL	18	4000	≥70	3121	245 x 415 x 60	
9200AS4024GL	24	4000	≥70	4161	245 x 415 x 60	
9200AS4025GL	25	4000	≥70	4451	245 x 415 x 60	
9200AS4026GL	26	4000	≥70	4259	245 x 415 x 60	
9200AS4027GL	27	4000	≥70	4058	245 x 415 x 60	
9200AS4034GL	34	4000	≥70	5678	245 x 415 x 60	
9200AS4036GL	36	4000	≥70	6242	245 x 415 x 60	
9200AS4040GL	40	4000	≥70	6087	245 x 415 x 60	
9200AS4045GL	45	4000	≥70	7679	245 x 415 x 60	
9200AS4052GL	52	4000	≥70	8517	245 x 415 x 60	
9200AS4054GL	54	4000	≥70	8115	245 x 415 x 60	
9200AS4055GL	55	4000	≥70	9065	245 x 415 x 60	
9200AS4060GL	60	4000	≥70	9606	245 x 415 x 60	
9200AS4067GL	67	4000	≥70	10659	245 x 415 x 60	
9200AS4080GL	80	4000	≥70	12174	245 x 415 x 60	



ACCESSORI / ACCESSORIES


ACC069


ACC071


ACC112


ACC244


ACC113


ACC312


ACC246


ACC248


ACC247


ACC314


ACC177


ACC245


ACC178


ACC313


ACC196


ACC238


ACC386

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC112 Attacco mezzo palo per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC246 Attacco mezzo palo per armature stradali colore grafite.
Diametro palo 60 mm.
Streetlights half-pole bracket, graphite color. Pole diameter: 60 mm.

ACC248 Attacco mezzo palo doppio per armature stradali colore grafite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, graphite color. Pole diameter: 60 mm.

ACC247 Attacco a parete per armature stradali colore grafite.
Streetlights wall bracket, graphite color.

ACC314 Attacco palo per pali diametro 60-76mm colore grafite.
Pole bracket for poles diameter 60-76mm graphite color.

ACC177 Attacco mezzo palo per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.

ACC238 Fotosensore per armature stradali con attacco Zhaga D4i.
Photosensor for street lighting with Zhaga D4i socket.

ACC386 Sensore di movimento a microonde Zhaga D4i per armature stradali.
Zhaga D4i microwave motion sensor for streetlights.

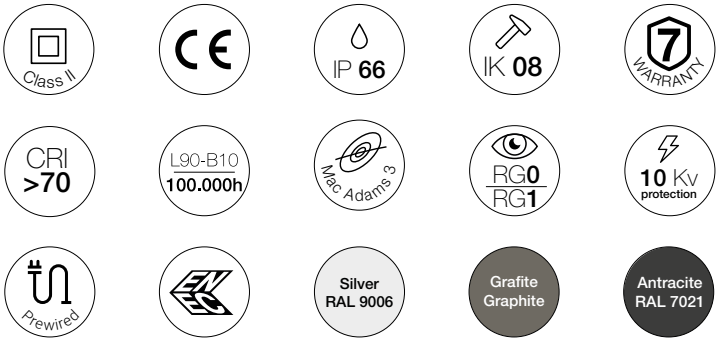
MIG 2

Apparecchio led per l'illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating silver, graohite or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).



CARATTERISTICHE / MAIN FEATURES



CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K (CRI)		+	W. tot.		+ Options ○ Silver		Options ○ Grafite		Options ● Antracite	
9201		T2		2	= ambra (CRI ≥70) *		037	110	GL	= on/off	RL	= on/off	EL	= on/off
		ME		3	= 3000°K (CRI ≥70)		050	120	GM	= 1-10v	RM	= 1-10v	LM	= 1-10v
		CP		4	= 4000°K (CRI ≥70)		054	123	GD	= dali 2	RD	= dali 2	LD	= dali 2
		AD		5	= 5000°K (CRI ≥70) *		062	130	MG	= mezzanotte virtuale virtual midnight	MR	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
		AS					073	150	ZD	= zhaga socket D4i	RZ	= zhaga socket D4i	DZ	= zhaga socket D4i
							078	160	ZS	= zhaga socket D4i up&down	ZR	= zhaga socket D4i up&down	SZ	= zhaga socket D4i up&down
							091	170						
							104	200						

* disponibilità su richiesta / * available on request

Δ LUMEN

	°K	CRI	% Lm
2	ambra	≥ 70	-15.30%
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard
5	5000	≥ 70	+0.50%



DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.
- 60 mm diameter painted adjustable pole bracket.
- Surge Protection da 10kV incluso.
- 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 1500 mm.
- 1500 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm, o da Ø 60-76 mm. (ACC312-313-314).

Top pole installation - Ø 60 mm or Ø 60-76 mm. (ACC312-313-314).

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60-76 mm.

Horizontal top pole installation Ø 60-76 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-246)

Single half pole installation Ø 60 mm. (ACC112-177-246).

Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-248-245)

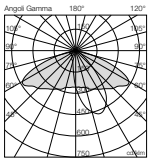
Double half pole installation Ø 60mm. (ACC244-248-245).

Apparecchio adatto per installazione a parete. (ACC113-247-178)

Wall installation. (ACC113-247-178).

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



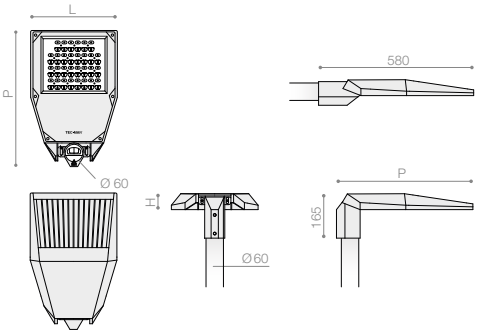




Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.

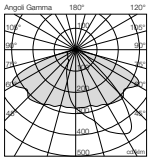
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

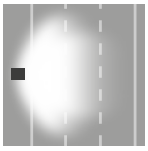
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9201T24037GL	37	4000	≥70	6699	325 x 490 x 65	
9201T24050GL	50	4000	≥70	8931	325 x 490 x 65	
9201T24054GL	54	4000	≥70	9394	325 x 490 x 65	
9201T24062GL	62	4000	≥70	11164	325 x 490 x 65	
9201T24073GL	73	4000	≥70	12526	325 x 490 x 65	
9201T24078GL	78	4000	≥70	12818	325 x 490 x 65	
9201T24091GL	91	4000	≥70	15657	325 x 490 x 65	
9201T24104GL	104	4000	≥70	17092	325 x 490 x 65	
9201T24110GL	110	4000	≥70	18191	325 x 490 x 65	
9201T24120GL	120	4000	≥70	18322	325 x 490 x 65	
9201T24123GL	123	4000	≥70	19809	325 x 490 x 65	
9201T24130GL	130	4000	≥70	21364	325 x 490 x 65	
9201T24150GL	150	4000	≥70	23232	325 x 490 x 65	
9201T24160GL	160	4000	≥70	24429	325 x 490 x 65	
9201T24170GL	170	4000	≥70	26735	325 x 490 x 65	
9201T24200GL	200	4000	≥70	30536	325 x 490 x 65	



Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



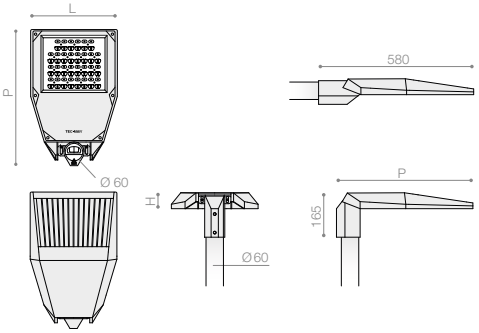




Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.

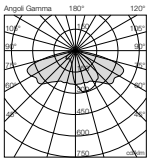
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

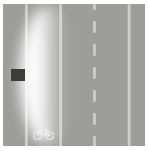
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9201ME4037GL	37	4000	≥70	6691	325 x 490 x 65	
9201ME4050GL	50	4000	≥70	8922	325 x 490 x 65	
9201ME4054GL	54	4000	≥70	9384	325 x 490 x 65	
9201ME4062GL	62	4000	≥70	11152	325 x 490 x 65	
9201ME4073GL	73	4000	≥70	12512	325 x 490 x 65	
9201ME4078GL	78	4000	≥70	12804	325 x 490 x 65	
9201ME4091GL	91	4000	≥70	15640	325 x 490 x 65	
9201ME4104GL	104	4000	≥70	17073	325 x 490 x 65	
9201ME4110GL	110	4000	≥70	18171	325 x 490 x 65	
9201ME4120GL	120	4000	≥70	18302	325 x 490 x 65	
9201ME4123GL	123	4000	≥70	19788	325 x 490 x 65	
9201ME4130GL	130	4000	≥70	21341	325 x 490 x 65	
9201ME4150GL	150	4000	≥70	23207	325 x 490 x 65	
9201ME4160GL	160	4000	≥70	24402	325 x 490 x 65	
9201ME4170GL	170	4000	≥70	26706	325 x 490 x 65	
9201ME4200GL	200	4000	≥70	30503	325 x 490 x 65	



Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



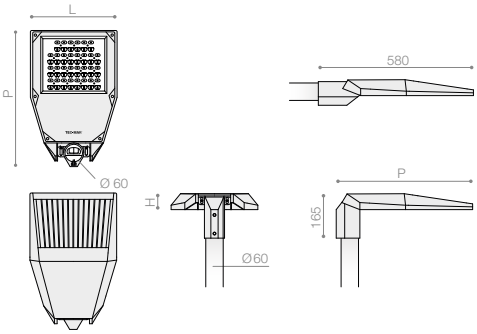


Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



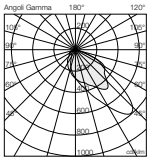
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

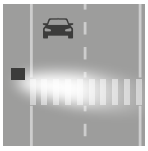
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9201CP4037GL	37	4000	≥70	6655	325 x 490 x 65	
9201CP4050GL	50	4000	≥70	8873	325 x 490 x 65	
9201CP4054GL	54	4000	≥70	9333	325 x 490 x 65	
9201CP4062GL	62	4000	≥70	11091	325 x 490 x 65	
9201CP4073GL	73	4000	≥70	12444	325 x 490 x 65	
9201CP4078GL	78	4000	≥70	12735	325 x 490 x 65	
9201CP4091GL	91	4000	≥70	15554	325 x 490 x 65	
9201CP4104GL	104	4000	≥70	16980	325 x 490 x 65	
9201CP4110GL	110	4000	≥70	18073	325 x 490 x 65	
9201CP4120GL	120	4000	≥70	18202	325 x 490 x 65	
9201CP4123GL	123	4000	≥70	19680	325 x 490 x 65	
9201CP4130GL	130	4000	≥70	21225	325 x 490 x 65	
9201CP4150GL	150	4000	≥70	23080	325 x 490 x 65	
9201CP4160GL	160	4000	≥70	24269	325 x 490 x 65	
9201CP4170GL	170	4000	≥70	26561	325 x 490 x 65	
9201CP4200GL	200	4000	≥70	30337	325 x 490 x 65	



Mod. AD

Ottica
Ottica asimmetrica per attraversamenti pedonali con illuminamento sul lato destro con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



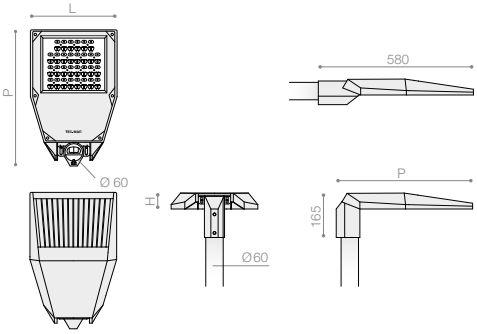


Optic
Asymmetric optics for pedestrian crossings with light on the right side with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.



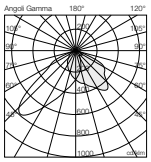
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

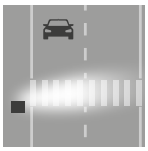
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9201AD4037GL	37	4000	≥70	6677	325 x 490 x 65	
9201AD4050GL	50	4000	≥70	8902	325 x 490 x 65	
9201AD4054GL	54	4000	≥70	9363	325 x 490 x 65	
9201AD4062GL	62	4000	≥70	11128	325 x 490 x 65	
9201AD4073GL	73	4000	≥70	12485	325 x 490 x 65	
9201AD4078GL	78	4000	≥70	12777	325 x 490 x 65	
9201AD4091GL	91	4000	≥70	15606	325 x 490 x 65	
9201AD4104GL	104	4000	≥70	17036	325 x 490 x 65	
9201AD4110GL	110	4000	≥70	18132	325 x 490 x 65	
9201AD4120GL	120	4000	≥70	18262	325 x 490 x 65	
9201AD4123GL	123	4000	≥70	19745	325 x 490 x 65	
9201AD4130GL	130	4000	≥70	21295	325 x 490 x 65	
9201AD4150GL	150	4000	≥70	23156	325 x 490 x 65	
9201AD4160GL	160	4000	≥70	24349	325 x 490 x 65	
9201AD4170GL	170	4000	≥70	26648	325 x 490 x 65	
9201AD4200GL	200	4000	≥70	30436	325 x 490 x 65	



Mod. AS

Ottica
Ottica asimmetrica per attraversamenti pedonali con illuminamento sul lato sinistro con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.





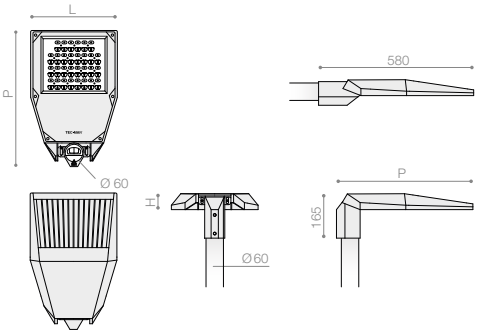


Optic
Asymmetric optics for pedestrian crossings with light on the left side with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite or anthracite color.

STRADALI

ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
9201AS4037GL	37	4000	≥70	6677	325 x 490 x 65	
9201AS4050GL	50	4000	≥70	8902	325 x 490 x 65	
9201AS4054GL	54	4000	≥70	9363	325 x 490 x 65	
9201AS4062GL	62	4000	≥70	11128	325 x 490 x 65	
9201AS4073GL	73	4000	≥70	12485	325 x 490 x 65	
9201AS4078GL	78	4000	≥70	12777	325 x 490 x 65	
9201AS4091GL	91	4000	≥70	15606	325 x 490 x 65	
9201AS4104GL	104	4000	≥70	17036	325 x 490 x 65	
9201AS4110GL	110	4000	≥70	18132	325 x 490 x 65	
9201AS4120GL	120	4000	≥70	18262	325 x 490 x 65	
9201AS4123GL	123	4000	≥70	19745	325 x 490 x 65	
9201AS4130GL	130	4000	≥70	21295	325 x 490 x 65	
9201AS4150GL	150	4000	≥70	23156	325 x 490 x 65	
9201AS4160GL	160	4000	≥70	24349	325 x 490 x 65	
9201AS4170GL	170	4000	≥70	26648	325 x 490 x 65	
9201AS4200GL	200	4000	≥70	30436	325 x 490 x 65	



ACCESSORI / ACCESSORIES


ACC069


ACC071


ACC112


ACC244


ACC113


ACC312


ACC246


ACC248


ACC247


ACC314


ACC177


ACC245


ACC178


ACC313


ACC196


ACC238


ACC386

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC112 Attacco mezzo palo per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC246 Attacco mezzo palo per armature stradali colore grafite.
Diametro palo 60 mm.
Streetlights half-pole bracket, graphite color. Pole diameter: 60 mm.

ACC248 Attacco mezzo palo doppio per armature stradali colore grafite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, graphite color. Pole diameter: 60 mm.

ACC247 Attacco a parete per armature stradali colore grafite.
Streetlights wall bracket, graphite color.

ACC314 Attacco palo per pali diametro 60-76mm colore grafite.
Pole bracket for poles diameter 60-76mm graphite color.

ACC177 Attacco mezzo palo per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.

ACC238 Fotosensore per armature stradali con attacco Zhaga D4i.
Photosensor for street lighting with Zhaga D4i socket.

ACC386 Sensore di movimento a microonde Zhaga D4i per armature stradali.
Zhaga D4i microwave motion sensor for streetlights.

BEST S1 NEW

Apparecchio led per l'illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating white, silver, corten or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).



CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY

CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection

Prewired · Bianco RAL 9003 · Silver RAL 9006 · Corten · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+ Mod.	+ °K (CRI)		+ W. tot.	+ Options ○ Bianco		Options ◌ Silver		Options ● Corten		Options ● Antracite	
7221	T2	30	= 3000°K (CRI ≥70)	25	BL	= on/off	GL	= on/off	CL	= on/off	EL	= on/off
	ME	40	= 4000°K (CRI ≥70)	34	BD	= dali 2	GD	= dali 2	CD	= dali 2	LD	= dali 2
	CP			40	MB	= mezzanotte virtuale virtual midnight	GM	= mezzanotte virtuale virtual midnight	MC	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
				50								
				56								

Δ LUMEN

	°K	CRI	% Lm
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso. - 60 mm diameter painted adjustable pole bracket.
- Surge Protection da 10kV incluso. - 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 800 mm. - 800 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm, o da Ø 60-76 mm. (ACC312-313-371-372).

Top pole installation - Ø 60 mm or Ø 60-76 mm. (ACC312-313-371-372).

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60-76 mm.

Horizontal top pole installation Ø 60-76 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-373-374).

Single half pole installation Ø 60 mm. (ACC112-177-373-374).

Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-245-375-376).

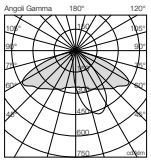
Double half pole installation Ø 60mm. (ACC244-245-375-376).

Apparecchio adatto per installazione a parete. (ACC113-178-377-378).

Wall installation. (ACC113-178-377-378).

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.



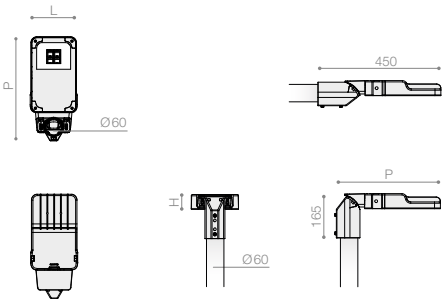


Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.



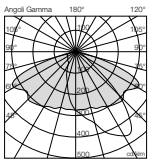
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

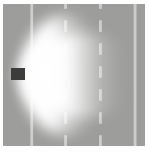
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7221T24025GL	25	4000	≥70	3830	390 x 180 x 56	
7221T24034GL	34	4000	≥70	5101	390 x 180 x 56	
7221T24040GL	40	4000	≥70	6013	390 x 180 x 56	
7221T24050GL	50	4000	≥70	7495	390 x 180 x 56	
7221T24056GL	56	4000	≥70	8168	390 x 180 x 56	



Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.



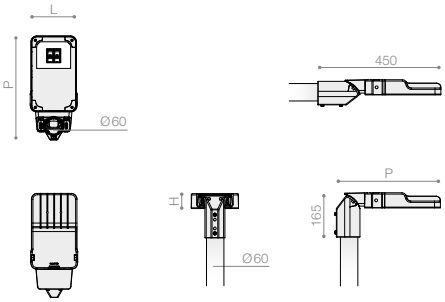


Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.



ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

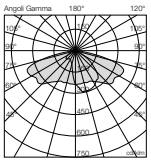
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7221ME4025GL	25	4000	≥70	3826	390 x 180 x 56	
7221ME4034GL	34	4000	≥70	5096	390 x 180 x 56	
7221ME4040GL	40	4000	≥70	6006	390 x 180 x 56	
7221ME4050GL	50	4000	≥70	7487	390 x 180 x 56	
7221ME4056GL	56	4000	≥70	8159	390 x 180 x 56	

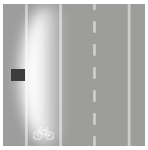


Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.

Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.

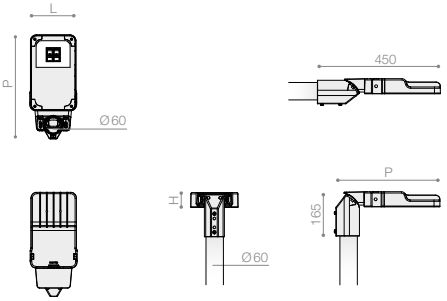






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7221CP4025GL	25	4000	≥70	3805	390 x 180 x 56	
7221CP4034GL	34	4000	≥70	5068	390 x 180 x 56	
7221CP4040GL	40	4000	≥70	5973	390 x 180 x 56	
7221CP4050GL	50	4000	≥70	7446	390 x 180 x 56	
7221CP4056GL	56	4000	≥70	8114	390 x 180 x 56	



ACCESSORI / ACCESSORIES


ACC069


ACC071


ACC196


ACC371


ACC373


ACC375


ACC377


ACC312


ACC112


ACC244


ACC113


ACC372


ACC374


ACC376


ACC378


ACC313


ACC177


ACC245


ACC178

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.

ACC371 Attacco palo per pali diametro 60-76mm colore bianco.
Pole bracket for poles diameter 60-76mm white color.

ACC373 Attacco mezzo palo per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights half-pole bracket, white color. Pole diameter: 60 mm

ACC375 Attacco mezzo palo doppio per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights double half-pole bracket, white color. Pole diameter: 60 mm.

ACC377 Attacco a parete per armature stradali colore bianco.
Streetlights wall bracket, white color.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC112 Attacco mezzo palo per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC372 Attacco palo per pali diametro 60-76mm colore corten.
Pole bracket for poles diameter 60-76mm corten color.

ACC374 Attacco mezzo palo per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights half-pole bracket, cornte color. Pole diameter: 60 mm

ACC376 Attacco mezzo palo doppio per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights double half-pole bracket, corten color. Pole diameter: 60 mm.

ACC378 Attacco a parete per armature stradali colore corten.
Streetlights wall bracket, corten color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC177 Attacco mezzo palo per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.



BEST S2 NEW



Apparecchio led per l'illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating white, silver, corten or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).

CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY

CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection

Prewired · Bianco RAL 9003 · Silver RAL 9006 · Corten · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+ Mod.	+ °K (CRI)		+ W. tot.	+ Options ○ Bianco		Options ○ Silver		Options ● Corten		Options ● Antracite	
7222	T2	3	= 3000°K (CRI ≥70)	040	BL	= on/off	GL	= on/off	CL	= on/off	EL	= on/off
	ME	4	= 4000°K (CRI ≥70)	050	BD	= dali 2	GD	= dali 2	CD	= dali 2	LD	= dali 2
	CP			056	MB	= mezzanotte virtuale virtual midnight	GM	= mezzanotte virtuale virtual midnight	MC	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
				062								
				075								
				092								
				105								
				120								

Δ LUMEN

	°K	CRI	% Lm
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.
- 60 mm diameter painted adjustable pole bracket.
- Surge Protection da 10kV incluso.
- 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 800 mm.
- 800 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm, o da Ø 60-76 mm. (ACC312-313-371-372).

Top pole installation - Ø 60 mm or Ø 60-76 mm. (ACC312-313-371-372).

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60-76 mm.

Horizontal top pole installation Ø 60-76 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-373-374).

Single half pole installation Ø 60 mm. (ACC112-177-373-374).

Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-245-375-376).

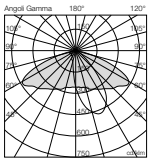
Double half pole installation Ø 60mm. (ACC244-245-375-376).

Apparecchio adatto per installazione a parete. (ACC113-178-377-378).

Wall installation. (ACC113-178-377-378).

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.



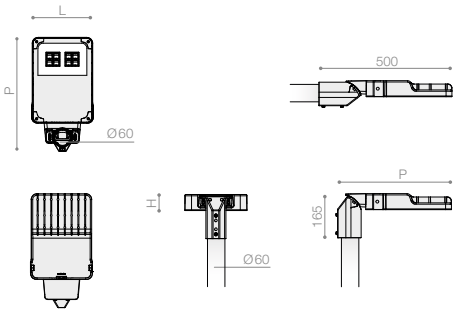


Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.



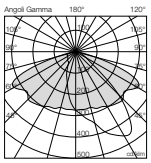
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

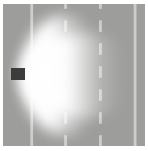
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7222T24040GL	40	4000	≥70	6587	426 x 225 x 60	
7222T24050GL	50	4000	≥70	8206	426 x 225 x 60	
7222T24056GL	56	4000	≥70	8626	426 x 225 x 60	
7222T24062GL	62	4000	≥70	9730	426 x 225 x 60	
7222T24075GL	75	4000	≥70	12026	426 x 225 x 60	
7222T24092GL	92	4000	≥70	13337	426 x 225 x 60	
7222T24105GL	105	4000	≥70	14799	426 x 225 x 60	
7222T24120GL	120	4000	≥70	16312	426 x 225 x 60	



Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.



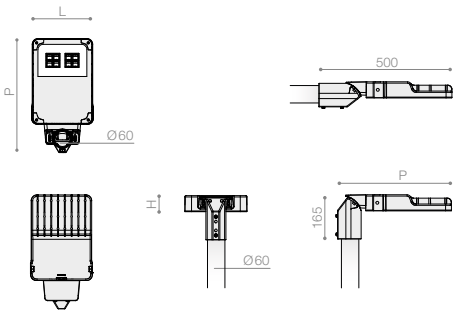


Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.



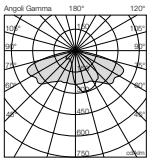
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

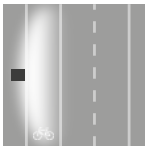
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7222ME4040GL	40	4000	≥70	6580	426 x 225 x 60	
7222ME4050GL	50	4000	≥70	8197	426 x 225 x 60	
7222ME4056GL	56	4000	≥70	8616	426 x 225 x 60	
7222ME4062GL	62	4000	≥70	9719	426 x 225 x 60	
7222ME4075GL	75	4000	≥70	12013	426 x 225 x 60	
7222ME4092GL	92	4000	≥70	13322	426 x 225 x 60	
7222ME4105GL	105	4000	≥70	14783	426 x 225 x 60	
7222ME4120GL	120	4000	≥70	16294	426 x 225 x 60	



Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.



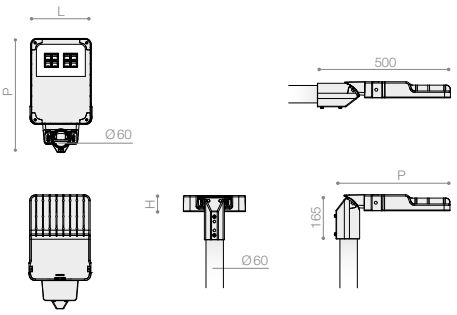




Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.

ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7222CP4040GL	40	4000	≥70	6544	426 x 225 x 60	
7222CP4050GL	50	4000	≥70	8152	426 x 225 x 60	
7222CP4056GL	56	4000	≥70	8569	426 x 225 x 60	
7222CP4062GL	62	4000	≥70	9666	426 x 225 x 60	
7222CP4075GL	75	4000	≥70	11947	426 x 225 x 60	
7222CP4092GL	92	4000	≥70	13249	426 x 225 x 60	
7222CP4105GL	105	4000	≥70	14701	426 x 225 x 60	
7222CP4120GL	120	4000	≥70	16205	426 x 225 x 60	



ACCESSORI / ACCESSORIES


ACC069


ACC071


ACC196


ACC371


ACC373


ACC375


ACC377


ACC312


ACC112


ACC244


ACC113


ACC372


ACC374


ACC376


ACC378


ACC313


ACC177


ACC245


ACC178

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.

ACC371 Attacco palo per pali diametro 60-76mm colore bianco.
Pole bracket for poles diameter 60-76mm white color.

ACC373 Attacco mezzo palo per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights half-pole bracket, white color. Pole diameter: 60 mm

ACC375 Attacco mezzo palo doppio per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights double half-pole bracket, white color. Pole diameter: 60 mm.

ACC377 Attacco a parete per armature stradali colore bianco.
Streetlights wall bracket, white color.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC112 Attacco mezzo palo per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC372 Attacco palo per pali diametro 60-76mm colore corten.
Pole bracket for poles diameter 60-76mm corten color.

ACC374 Attacco mezzo palo per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights half-pole bracket, cornte color. Pole diameter: 60 mm

ACC376 Attacco mezzo palo doppio per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights double half-pole bracket, corten color. Pole diameter: 60 mm.

ACC378 Attacco a parete per armature stradali colore corten.
Streetlights wall bracket, corten color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC177 Attacco mezzo palo per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.



BEST S3 NEW



Apparecchio led per l'illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating white, silver, corten or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).

CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY

CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection

Prewired · Bianco RAL 9003 · Silver RAL 9006 · Corten · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+ Mod.	+ °K (CRI)		+ W. tot.	+ Options ○ Bianco		Options ○ Silver		Options ● Corten		Options ● Antracite	
7223	T2	3	= 3000°K (CRI ≥70)	065	BL	= on/off	GL	= on/off	CL	= on/off	EL	= on/off
	ME	4	= 4000°K (CRI ≥70)	075	BD	= dali 2	GD	= dali 2	CD	= dali 2	LD	= dali 2
	CP			092	MB	= mezzanotte virtuale virtual midnight	GM	= mezzanotte virtuale virtual midnight	MC	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
				115	BZ	= zhaga socket D4i	ZD	= zhaga socket D4i	CZ	= zhaga socket D4i	DZ	= zhaga socket D4i
				130								
				140								
				150								

Δ LUMEN

	°K	CRI	% Lm
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.
- 60 mm diameter painted adjustable pole bracket.
- Surge Protection da 10kV incluso.
- 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 800 mm.
- 800 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm, o da Ø 60-76 mm. (ACC312-313-371-372).

Top pole installation - Ø 60 mm or Ø 60-76 mm. (ACC312-313-371-372).

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60-76 mm.

Horizontal top pole installation Ø 60-76 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-373-374).

Single half pole installation Ø 60 mm. (ACC112-177-373-374).

Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-245-375-376).

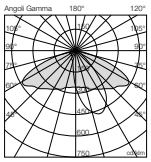
Double half pole installation Ø 60mm. (ACC244-245-375-376).

Apparecchio adatto per installazione a parete. (ACC113-178-377-378).

Wall installation. (ACC113-178-377-378).

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.



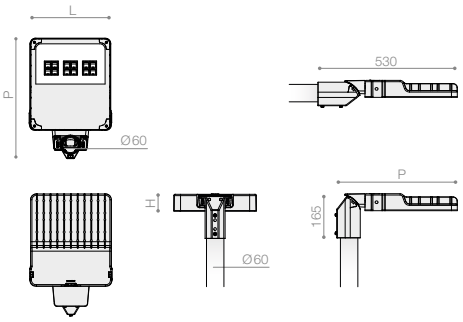


Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.



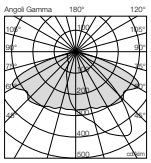
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

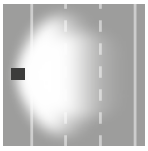
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7223T24065GL	65	4000	≥70	10783	450 x 310 x 64	
7223T24075GL	75	4000	≥70	12423	450 x 310 x 64	
7223T24092GL	92	4000	≥70	14029	450 x 310 x 64	
7223T24115GL	115	4000	≥70	17150	450 x 310 x 64	
7223T24130GL	130	4000	≥70	18670	450 x 310 x 64	
7223T24140GL	140	4000	≥70	20166	450 x 310 x 64	
7223T24150GL	150	4000	≥70	21523	450 x 310 x 64	



Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.



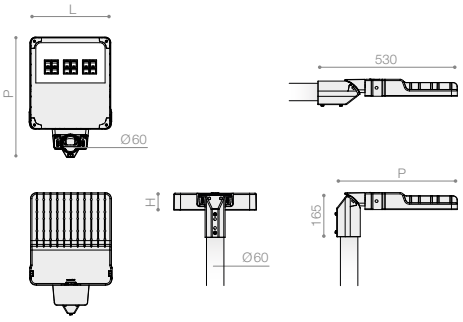


Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.



ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

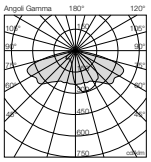
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7223ME4065GL	65	4000	≥70	10771	450 x 310 x 64	
7223ME4075GL	75	4000	≥70	12409	450 x 310 x 64	
7223ME4092GL	92	4000	≥70	14013	450 x 310 x 64	
7223ME4115GL	115	4000	≥70	17131	450 x 310 x 64	
7223ME4130GL	130	4000	≥70	18650	450 x 310 x 64	
7223ME4140GL	140	4000	≥70	20144	450 x 310 x 64	
7223ME4150GL	150	4000	≥70	21499	450 x 310 x 64	

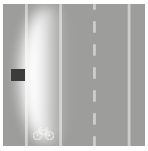


Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.

Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.

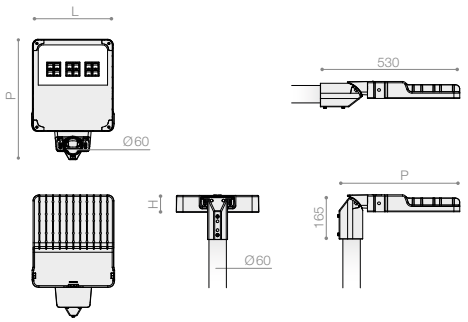






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7223CP4065GL	65	4000	≥70	10711	450 x 310 x 64	
7223CP4075GL	75	4000	≥70	12341	450 x 310 x 64	
7223CP4092GL	92	4000	≥70	13936	450 x 310 x 64	
7223CP4115GL	115	4000	≥70	17037	450 x 310 x 64	
7223CP4130GL	130	4000	≥70	18547	450 x 310 x 64	
7223CP4140GL	140	4000	≥70	20033	450 x 310 x 64	
7223CP4150GL	150	4000	≥70	21381	450 x 310 x 64	



ACCESSORI / ACCESSORIES


ACC069


ACC071


ACC196


ACC371


ACC373


ACC375


ACC377


ACC312


ACC112


ACC244


ACC113


ACC372


ACC374


ACC376


ACC378


ACC313


ACC177


ACC245


ACC178


ACC238

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.

ACC371 Attacco palo per pali diametro 60-76mm colore bianco.
Pole bracket for poles diameter 60-76mm white color.

ACC373 Attacco mezzo palo per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights half-pole bracket, white color. Pole diameter: 60 mm

ACC375 Attacco mezzo palo doppio per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights double half-pole bracket, white color. Pole diameter: 60 mm.

ACC377 Attacco a parete per armature stradali colore bianco.
Streetlights wall bracket, white color.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC112 Attacco mezzo palo per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC372 Attacco palo per pali diametro 60-76mm colore corten.
Pole bracket for poles diameter 60-76mm corten color.

ACC374 Attacco mezzo palo per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights half-pole bracket, cornte color. Pole diameter: 60 mm

ACC376 Attacco mezzo palo doppio per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights double half-pole bracket, corten color. Pole diameter: 60 mm.

ACC378 Attacco a parete per armature stradali colore corten.
Streetlights wall bracket, corten color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC177 Attacco mezzo palo per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.

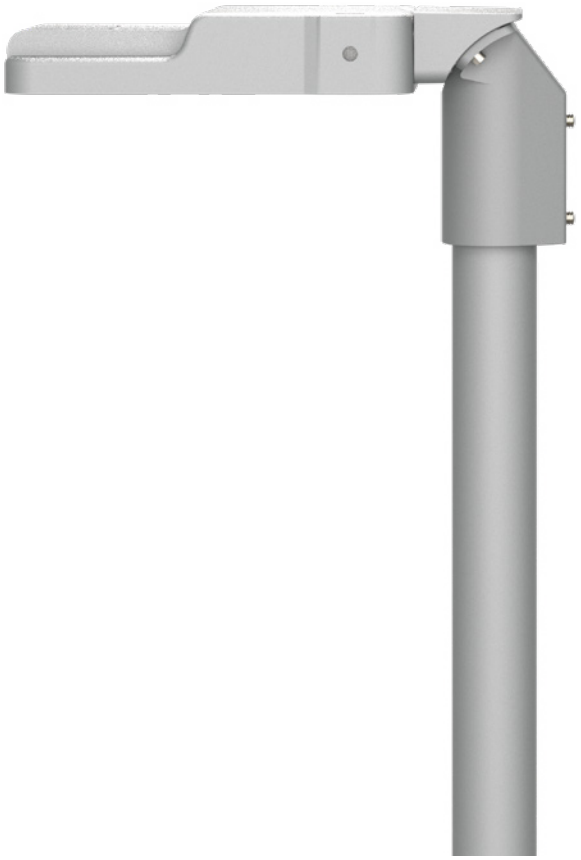
ACC238 Fotosensore per armature stradali con attacco Zhaga D4i.
Photosensor for street lighting with Zhaga D4i socket.



BEST S4 NEW

Apparecchio led per l'illuminazione di strade urbane, extra-urbane, percorsi pedonali, adatto per installazione su testa palo, braccio orizzontale, mezzo palo (singolo o doppio) o a parete. Corpo in alluminio pressofuso verniciato a polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite, dissipatore in alluminio pressofuso con struttura ad alette e diffusore in vetro piano temperato extrachiaro spessore 4 mm. Attacco palo in pressofusione d'alluminio, compatibile con pali di ø 60-75 mm, con regolazione 0°/+90° su testa palo e -20°/+ 20° su sbraccio orizzontale. Ottiche con lenti in PMMA ad alto rendimento, disponibili in tre tipologie: ottica asimmetrica media 45° stradale IESNA Tipo II, ottica asimmetrica ampia stradale EN13201 Classe ME ed ottica ciclopedonale EN13201 Classe P (Tipo II/III).

LED fixture for lighting of urban, suburban roads, pedestrian paths, suitable for installation on pole head, horizontal arm, half pole (single or double) or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating white, silver, corten or anthracite color, die-cast aluminum heat sink with fin structure and extra-clear tempered flat glass diffuser 4 mm thick. Die-cast aluminum pole attachment, compatible with poles of ø 60-75 mm, with 0°/+90° adjustment on pole head and -20°/+ 20° on horizontal reach. High-performance PMMA optics, available in three types: asymmetrical medium 45° street optic IESNA Type II, asymmetrical wide street optic EN13201 Class ME and cyclopedestrian optic EN13201 Class P (Type II/III).



CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY

CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection

Prewired · Bianco RAL 9003 · Silver RAL 9006 · Corten · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+ Mod.	+ °K (CRI)		+ W. tot.	+ Options ○ Bianco		Options ○ Silver		Options ● Corten		Options ● Antracite	
7224	T2	3	= 3000°K (CRI ≥70)	130	BL	= on/off	GL	= on/off	CL	= on/off	EL	= on/off
	ME	4	= 4000°K (CRI ≥70)	155	BD	= dali 2	GD	= dali 2	CD	= dali 2	LD	= dali 2
	CP			180	MB	= mezzanotte virtuale virtual midnight	GM	= mezzanotte virtuale virtual midnight	MC	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
				200	BZ	= zhaga socket D4i	ZD	= zhaga socket D4i	CZ	= zhaga socket D4i	DZ	= zhaga socket D4i
				245								

Δ LUMEN

	°K	CRI	% Lm
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo regolabile diametro 60 mm verniciato a colore incluso.
- 60 mm diameter painted adjustable pole bracket.
- Surge Protection da 10kV incluso.
- 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 800 mm.
- 800 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm, o da Ø 60-76 mm. (ACC312-313-371-372).

Top pole installation - Ø 60 mm or Ø 60-76 mm. (ACC312-313-371-372).

Apparecchio adatto per installazione su sbraccio orizzontale da Ø 60-76 mm.

Horizontal top pole installation Ø 60-76 mm.

Apparecchio adatto per installazione su mezzo palo da Ø 60 mm. (ACC112-177-373-374).

Single half pole installation Ø 60 mm. (ACC112-177-373-374).

Apparecchio adatto per installazione doppia su mezzo palo da Ø 60 mm. (ACC244-245-375-376).

Double half pole installation Ø 60mm. (ACC244-245-375-376).

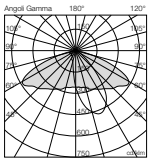
Apparecchio adatto per installazione a parete. (ACC113-178-377-378).

Wall installation. (ACC113-178-377-378).

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.

Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.

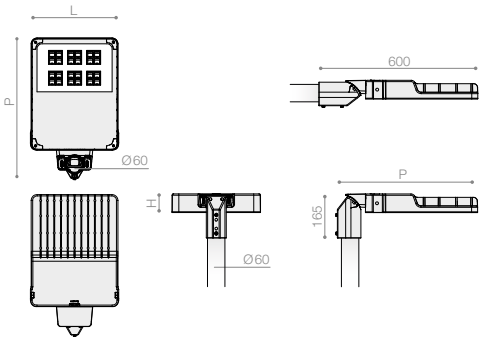






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

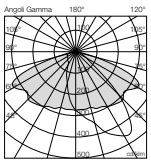
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7224T24130GL	130	4000	≥70	21565	525 x 330 x 70	
7224T24155GL	155	4000	≥70	24845	525 x 330 x 70	
7224T24180GL	180	4000	≥70	28057	525 x 330 x 70	
7224T24200GL	200	4000	≥70	31207	525 x 330 x 70	
7224T24245GL	245	4000	≥70	35826	525 x 330 x 70	

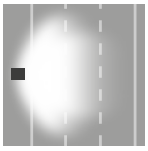


Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.

Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.

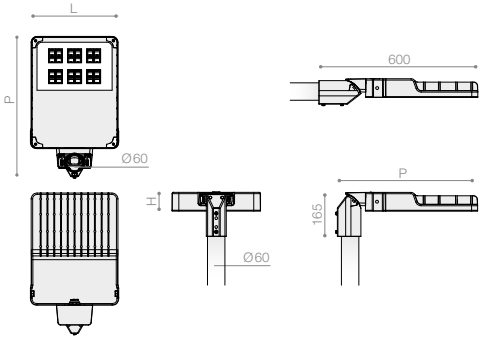






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

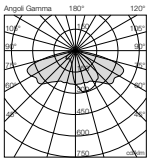
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7224ME4130GL	130	4000	≥70	21541	525 x 330 x 70	
7224ME4155GL	155	4000	≥70	24818	525 x 330 x 70	
7224ME4180GL	180	4000	≥70	28026	525 x 330 x 70	
7224ME4200GL	200	4000	≥70	31172	525 x 330 x 70	
7224ME4245GL	245	4000	≥70	35787	525 x 330 x 70	

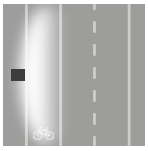


Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore bianco, silver, corten o antracite.

Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in white, silver, corten or anthracite color.

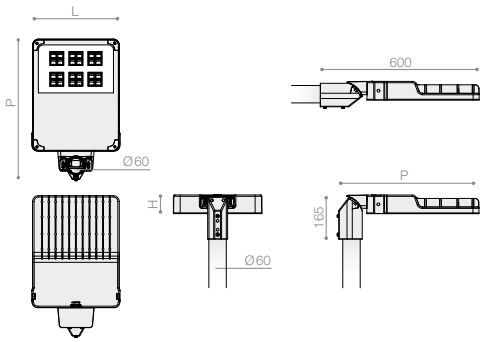






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)	Col.
7224CP4130GL	130	4000	≥70	21423	525 x 330 x 70	
7224CP4155GL	155	4000	≥70	24682	525 x 330 x 70	
7224CP4180GL	180	4000	≥70	27872	525 x 330 x 70	
7224CP4200GL	200	4000	≥70	31001	525 x 330 x 70	
7224CP4245GL	245	4000	≥70	35590	525 x 330 x 70	



ACCESSORI / ACCESSORIES


ACC069


ACC071


ACC196


ACC371


ACC373


ACC375


ACC377


ACC312


ACC112


ACC244


ACC113


ACC372


ACC374


ACC376


ACC378


ACC313


ACC177


ACC245


ACC178


ACC238

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 2P + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC196 Attacco testa palo doppio in acciaio zincato diametro 60mm.
Double top-pole bracket in galvanized steel. Diameter 60mm.

ACC371 Attacco palo per pali diametro 60-76mm colore bianco.
Pole bracket for poles diameter 60-76mm white color.

ACC373 Attacco mezzo palo per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights half-pole bracket, white color. Pole diameter: 60 mm

ACC375 Attacco mezzo palo doppio per armature stradali colore bianco.
Diametro palo 60 mm.
Streetlights double half-pole bracket, white color. Pole diameter: 60 mm.

ACC377 Attacco a parete per armature stradali colore bianco.
Streetlights wall bracket, white color.

ACC312 Attacco palo per pali diametro 60-76mm colore silver.
Pole bracket for poles diameter 60-76mm silver color.

ACC112 Attacco mezzo palo per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights half-pole bracket, silver color. Pole diameter: 60 mm.

ACC244 Attacco mezzo palo doppio per armature stradali colore silver.
Diametro palo 60 mm.
Streetlights double half-pole bracket, silver color. Pole diameter: 60 mm.

ACC113 Attacco a parete per armature stradali colore silver.
Streetlights wall bracket, silver color.

ACC372 Attacco palo per pali diametro 60-76mm colore corten.
Pole bracket for poles diameter 60-76mm corten color.

ACC374 Attacco mezzo palo per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights half-pole bracket, cornte color. Pole diameter: 60 mm

ACC376 Attacco mezzo palo doppio per armature stradali colore corten.
Diametro palo 60 mm.
Streetlights double half-pole bracket, corten color. Pole diameter: 60 mm.

ACC378 Attacco a parete per armature stradali colore corten.
Streetlights wall bracket, corten color.

ACC313 Attacco palo per pali diametro 60-76mm colore antracite.
Pole bracket for poles diameter 60-76mm anthracite color.

ACC177 Attacco mezzo palo per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights half-pole bracket, anthracite color. Pole diameter: 60 mm

ACC245 Attacco mezzo palo doppio per armature stradali colore antracite.
Diametro palo 60 mm.
Streetlights double half-pole bracket, anthracite color. Pole diameter: 60 mm.

ACC178 Attacco a parete per armature stradali colore antracite.
Streetlights wall bracket, antracite color.

ACC238 Fotosensore per armature stradali con attacco Zhaga D4i.
Photosensor for street lighting with Zhaga D4i socket.



GEO



Apparecchio led per illuminazione stradale, ciclopedonale ed urbana. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta, vetro temperato ad alta trasparenza spessore 4 mm, guarnizione in silicone. Ottica stradale asimmetrica, ciclopedonale, rotosimmetrica e bi-asimmetrica stradale con lenti in PMMA ad alto rendimento.

LED fixture for street, bicycle and pedestrian and urban lighting. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten anthracite or green on request, 4 mm thick high-transparency tempered glass, silicone gasket. Asymmetrical, cyclopedestrian, rotosymmetrical and bi-asymmetrical street optics with high-performance PMMA lenses.

CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY

CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection

Prewired · Silver RAL 9006 · Grafite Graphite · Corten · Antracite RAL 7021

su richiesta: Verde RAL 6003 — on request

CODIFICA CODICE / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.		+ Options ○ Silver		Options ● Grafite		Options ● Corten		Options ● Antracite	
9300		ME	22	= ambra (CRI ≥70) *		08	34	GL	= on/off	RL	= on/off	CL	= on/off	EL	= on/off
		CP	30	= 3000°K (CRI ≥70)		12	36	GM	= 1-10v	RM	= 1-10v	CM	= 1-10v	LM	= 1-10v
		RT	40	= 4000°K (CRI ≥70)		14	37	GD	= dali 2	RD	= dali 2	CD	= dali 2	LD	= dali 2
		PS	50	= 5000°K (CRI ≥70) *		16	42	MG	= mezzanotte virtuale virtual midnight	MR	= mezzanotte virtuale virtual midnight	MC	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
		MS				17	43	ZD	= zhaga socket D4i	RZ	= zhaga socket D4i	CZ	= zhaga socket D4i	DZ	= zhaga socket D4i
		MA				21	47								
		RA				24	52								
						25	54								
						27	64								
						29	80								

* disponibilità su richiesta / * available on request

Δ LUMEN

	°K	CRI	% Lm
22	ambra	≥ 70	-15.30%
30	3000	≥ 70	-0.50%
40	4000	≥ 70	standard
50	5000	≥ 70	+0.50%

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo fisso diametro 60 mm verniciato a colore incluso.
- Surge Protection da 10kV incluso.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 1500 mm.

- 60 mm diameter painted pole bracket included.
- 10kV Surge Protection.
- 1500 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo da Ø 60 mm. (mod. ME-CP-RT-PS)

Top pole installation - Ø 60 mm. (mod. ME-CP-RT-PS)

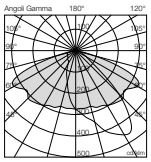
Apparecchio adatto per installazione a parete. (Mod. MS)

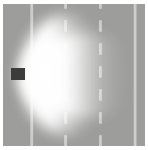
Wall installation. (Mod. MS)

Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta.

Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten, anthracite or green on request.

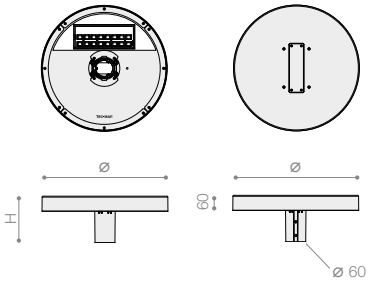






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

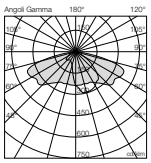
Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9300ME4008GL	8	4000	≥70	1424	460 x 170	
9300ME4012GL	12	4000	≥70	1997	460 x 170	
9300ME4014GL	14	4000	≥70	2365	460 x 170	
9300ME4016GL	16	4000	≥70	2848	460 x 170	
9300ME4017GL	17	4000	≥70	2724	460 x 170	
9300ME4021GL	21	4000	≥70	3179	460 x 170	
9300ME4024GL	24	4000	≥70	3993	460 x 170	
9300ME4027GL	27	4000	≥70	3894	460 x 170	
9300ME4029GL	29	4000	≥70	4732	460 x 170	
9300ME4034GL	34	4000	≥70	5449	460 x 170	
9300ME4042GL	42	4000	≥70	6485	460 x 170	
9300ME4054GL	54	4000	≥70	7788	460 x 170	



Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta.

Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten, anthracite or green on request.

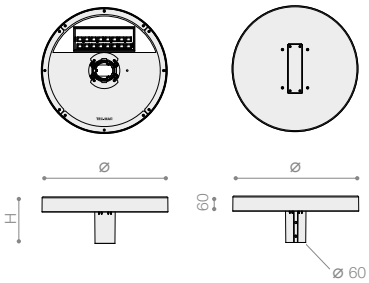






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

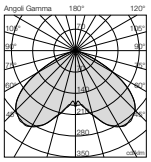
Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9300CP4008GL	8	4000	≥70	1416	460 x 170	
9300CP4012GL	12	4000	≥70	1985	460 x 170	
9300CP4014GL	14	4000	≥70	2352	460 x 170	
9300CP4016GL	16	4000	≥70	2832	460 x 170	
9300CP4017GL	17	4000	≥70	2709	460 x 170	
9300CP4021GL	21	4000	≥70	3161	460 x 170	
9300CP4024GL	24	4000	≥70	3971	460 x 170	
9300CP4027GL	27	4000	≥70	3872	460 x 170	
9300CP4029GL	29	4000	≥70	4705	460 x 170	
9300CP4034GL	34	4000	≥70	5418	460 x 170	
9300CP4042GL	42	4000	≥70	6448	460 x 170	
9300CP4054GL	54	4000	≥70	7744	460 x 170	

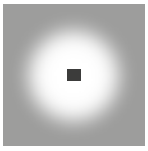


Mod. RT

Ottica
Ottica rotosimmetrica con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta.

Optic
Rotosymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten, anthracite or green on request.

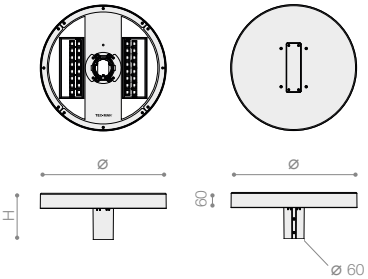






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

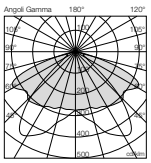
Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9300RT4008GL	8	4000	≥70	1421	460 x 170	
9300RT4012GL	12	4000	≥70	1992	460 x 170	
9300RT4014GL	14	4000	≥70	2360	460 x 170	
9300RT4016GL	16	4000	≥70	2841	460 x 170	
9300RT4017GL	17	4000	≥70	2718	460 x 170	
9300RT4021GL	21	4000	≥70	3172	460 x 170	
9300RT4024GL	24	4000	≥70	3984	460 x 170	
9300RT4025GL	25	4000	≥70	4262	460 x 170	
9300RT4027GL	27	4000	≥70	3885	460 x 170	
9300RT4029GL	29	4000	≥70	4721	460 x 170	
9300RT4034GL	34	4000	≥70	5437	460 x 170	
9300RT4036GL	36	4000	≥70	5977	460 x 170	
9300RT4042GL	42	4000	≥70	6470	460 x 170	
9300RT4043GL	43	4000	≥70	7081	460 x 170	
9300RT4052GL	52	4000	≥70	8155	460 x 170	
9300RT4054GL	54	4000	≥70	7770	460 x 170	
9300RT4064GL	64	4000	≥70	9705	460 x 170	
9300RT4080GL	80	4000	≥70	11656	460 x 170	

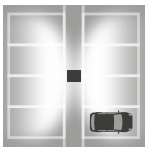


Mod. PS

Ottica
Ottica bi-asimmetrica stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta.

Optic
EN13201 Class ME bi-asymmetrical street optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten, anthracite or green on request.

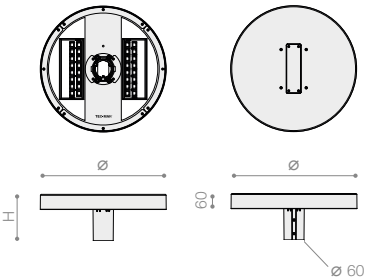






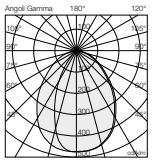
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9300PS4008GL	8	4000	≥70	1424	460 x 170	
9300PS4012GL	12	4000	≥70	1997	460 x 170	
9300PS4014GL	14	4000	≥70	2365	460 x 170	
9300PS4016GL	16	4000	≥70	2848	460 x 170	
9300PS4017GL	17	4000	≥70	2724	460 x 170	
9300PS4021GL	21	4000	≥70	3179	460 x 170	
9300PS4024GL	24	4000	≥70	3993	460 x 170	
9300PS4025GL	25	4000	≥70	4272	460 x 170	
9300PS4027GL	27	4000	≥70	3894	460 x 170	
9300PS4029GL	29	4000	≥70	4732	460 x 170	
9300PS4034GL	34	4000	≥70	5449	460 x 170	
9300PS4036GL	36	4000	≥70	5990	460 x 170	
9300PS4042GL	42	4000	≥70	6485	460 x 170	
9300PS4043GL	43	4000	≥70	7097	460 x 170	
9300PS4052GL	52	4000	≥70	8173	460 x 170	
9300PS4054GL	54	4000	≥70	7788	460 x 170	
9300PS4064GL	64	4000	≥70	9728	460 x 170	
9300PS4080GL	80	4000	≥70	11683	460 x 170	

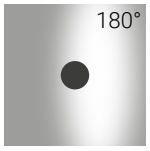


Mod. MA

Ottica
Ottica rotosimmetrica con distribuzione luminosa a 180°. Diffusore in vetro piano temperato sabbiato spessore 4 mm.
Corpo
Corpo in allumino pressofuso verniciato con polveri termoindurenti poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta. Palo non incluso.







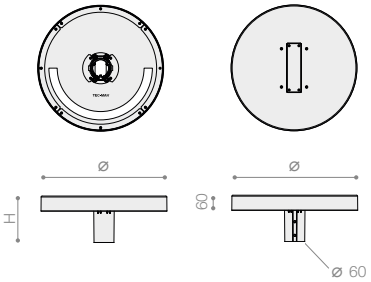
Optic
Rotosymmetrical optics with 180° light distribution. Flat sandblasted tempered glass diffuser 4 mm thick.
Body

Die-cast aluminum body painted with anti-corrosion polyester thermosetting powders color silver, graphite, corten, anthracite or green on request. Pole not included.



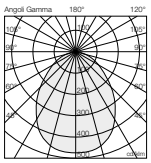
ESEMPIO CODIFICA CODICE 4000K - CRI≥80 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥80 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9300MA4017GL	17	4000	≥80	2001	460 x 170	
9300MA4025GL	25	4000	≥80	2764	460 x 170	
9300MA4037GL	37	4000	≥80	4042	460 x 170	
9300MA4047GL	47	4000	≥80	4912	460 x 170	

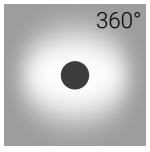


Mod. RA

Ottica
Ottica rotosimmetrica con distribuzione luminosa a 360°. Diffusore in vetro piano temperato sabbiato spessore 4 mm.
Corpo
Corpo in allumino pressofuso verniciato con polveri termoindurenti poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta. Palo non incluso.







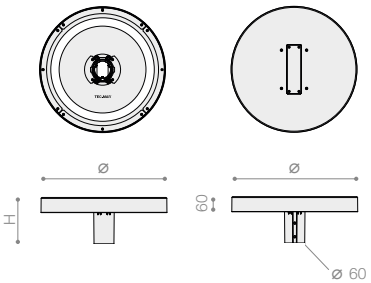
Optic
Rotosymmetrical optics with 360° light distribution. Flat sandblasted tempered glass diffuser 4 mm thick.
Body

Die-cast aluminum body painted with anti-corrosion polyester thermosetting powders color silver, graphite, corten, anthracite or green on request. Pole not included.



ESEMPIO CODIFICA CODICE 4000K - CRI≥80 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥80 - ON/OFF - SILVER

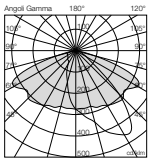
Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9300RA4017GL	17	4000	≥80	2029	460 x 170	
9300RA4025GL	25	4000	≥80	2828	460 x 170	
9300RA4037GL	37	4000	≥80	4196	460 x 170	
9300RA4047GL	47	4000	≥80	5151	460 x 170	
9300RA4054GL	54	4000	≥80	5902	460 x 170	

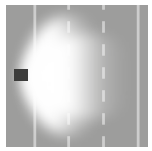


Mod. MS

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten, antracite o verde su richiesta.

Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten, anthracite or green on request.

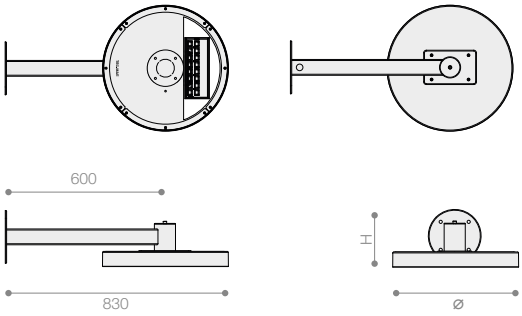






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9300MS4008GL	8	4000	≥70	1424	460 x 230	
9300MS4012GL	12	4000	≥70	1997	460 x 230	
9300MS4014GL	14	4000	≥70	2365	460 x 230	
9300MS4016GL	16	4000	≥70	2848	460 x 230	
9300MS4017GL	17	4000	≥70	2724	460 x 230	
9300MS4021GL	21	4000	≥70	3179	460 x 230	
9300MS4024GL	24	4000	≥70	3993	460 x 230	
9300MS4027GL	27	4000	≥70	3894	460 x 230	
9300MS4029GL	29	4000	≥70	4732	460 x 230	
9300MS4034GL	34	4000	≥70	5449	460 x 230	
9300MS4042GL	42	4000	≥70	6485	460 x 230	
9300MS4054GL	54	4000	≥70	7788	460 x 230	



ACCESSORI / ACCESSORIES



ACC069 ACC071 ACC238 ACC249 ACC251 ACC330 ACC250

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC238 Fotosensore per armature stradali con attacco Zhaga D4i.
Photosensor for street lighting with Zhaga D4i socket.

ACC249 Schermo diffusore colore silver.
Silver colored light diffuser.

ACC251 Schermo diffusore colore grafite.
Graphite colored light diffuser.

ACC330 Schermo diffusore colore corten.
Corten colored light diffuser.

ACC250 Schermo diffusore colore antracite.
Anthracite colored light diffuser.

Silver RAL 9006 | Grafite Graphite | Corten | Antracite RAL 7021 | su richiesta Verde RAL 6003 on request





GEO B



Apparecchio led per illuminazione stradale, ciclopedonale ed urbana. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten o antracite, vetro temperato ad alta trasparenza spessore 4 mm, guarnizione in silicone. Ottica stradale asimmetrica, ciclopedonale, rotosimmetrica e bi-asimmetrica stradale con lenti in PMMA ad alto rendimento.

LED fixture for street, bicycle and pedestrian and urban lighting. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten or anthracite, 4 mm thick high-transparency tempered glass, silicone gasket. Asymmetrical, cyclopedestrian, rotosymmetrical and bi-asymmetrical street optics with high-performance PMMA lenses.

CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY

CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection

Prewired · Silver RAL 9006 · Grafite Graphite · Corten · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options ○ Silver		Options ● Grafite		Options ● Corten		Options ● Antracite	
9302		T2	22	= ambra (CRI ≥70) *		15	GL	= on/off	RL	= on/off	CL	= on/off	EL	= on/off
		ME	30	= 3000°K (CRI ≥70)		20	GM	= 1-10v	RM	= 1-10v	CM	= 1-10v	LM	= 1-10v
		CP	40	= 4000°K (CRI ≥70)		25	GD	= dali 2	RD	= dali 2	CD	= dali 2	LD	= dali 2
		RT	50	= 5000°K (CRI ≥70) *		30	MG	= mezzanotte virtuale virtual midnight	MR	= mezzanotte virtuale virtual midnight	MC	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
						34								
						40								
						50								
						56								

* disponibilità su richiesta / * available on request

Δ LUMEN

	°K	CRI	% Lm
22	ambra	≥ 70	-15.30%
30	3000	≥ 70	-0.50%
40	4000	≥ 70	standard
50	5000	≥ 70	+0.50%

DOTAZIONE / STANDARD EQUIPMENT

- Attacco palo fisso diametro 60 mm verniciato a colore incluso.
- Surge Protection da 10kV incluso.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 1500 mm.

- 60 mm diameter painted pole bracket included.
- 10kV Surge Protection.
- 1500 mm long H07RN-F neoprene cable.

INSTALLAZIONE / INSTALLATION

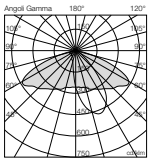
Apparecchio adatto per installazione su testa palo da Ø 60 mm.

Top pole installation - Ø 60 mm.

Mod. T2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten o antracite.

Optic
Asymmetrical medium 45° street IESNA Type II optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite, corten or anthracite color.

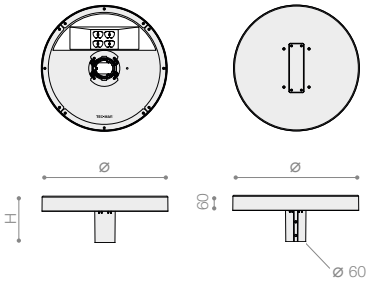






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

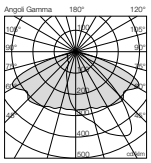
Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9302T24015GL	15	4000	≥70	2347	460 x 170	
9302T24020GL	20	4000	≥70	3101	460 x 170	
9302T24025GL	25	4000	≥70	3847	460 x 170	
9302T24030GL	30	4000	≥70	4597	460 x 170	
9302T24034GL	34	4000	≥70	5101	460 x 170	
9302T24040GL	40	4000	≥70	6013	460 x 170	
9302T24050GL	50	4000	≥70	7495	460 x 170	
9302T24056GL	56	4000	≥70	8168	460 x 170	

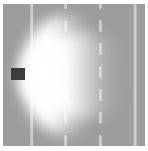


Mod. ME

Ottica
Ottica asimmetrica ampia stradale EN13201 Classe ME con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten o antracite.

Optic
EN13201 Class ME wide street asymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite, coten or anthracite color.

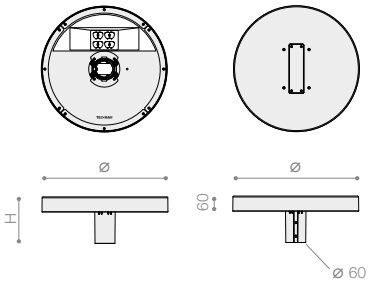






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

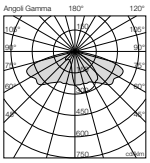
Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9302ME4015GL	15	4000	≥70	2345	460 x 170	
9302ME4020GL	20	4000	≥70	3097	460 x 170	
9302ME4025GL	25	4000	≥70	3843	460 x 170	
9302ME4030GL	30	4000	≥70	4592	460 x 170	
9302ME4034GL	34	4000	≥70	5096	460 x 170	
9302ME4040GL	40	4000	≥70	6006	460 x 170	
9302ME4050GL	50	4000	≥70	7487	460 x 170	
9302ME4056GL	56	4000	≥70	8159	460 x 170	



Mod. CP

Ottica
Ottica asimmetrica ciclopedonale EN13201 classe P (tipo II/III) con lenti in PMMA ad alto rendimento di flusso. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten o antracite.

Optic
EN13201 class P (type II/III) asymmetrical cyclopedic optics with PMMA lenses with high flux efficiency. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder in silver, graphite, corten or anthracite color.

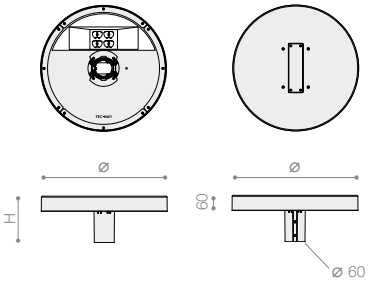






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

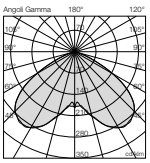
Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9302CP4015GL	15	4000	≥70	2332	460 x 170	○
9302CP4020GL	20	4000	≥70	3080	460 x 170	○
9302CP4025GL	25	4000	≥70	3821	460 x 170	○
9302CP4030GL	30	4000	≥70	4567	460 x 170	○
9302CP4034GL	34	4000	≥70	5068	460 x 170	○
9302CP4040GL	40	4000	≥70	5973	460 x 170	○
9302CP4050GL	50	4000	≥70	7446	460 x 170	○
9302CP4056GL	56	4000	≥70	8114	460 x 170	○

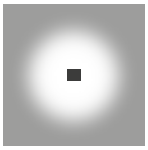


Mod. RT

Ottica
Ottica rotosimmetrica con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite, corten o antracite.

Optic
Rotosymmetrical optics with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder color silver, graphite, corten or anthracite.

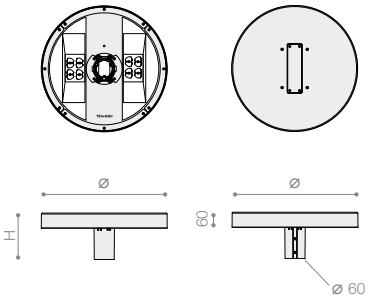






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9302RT4015GL	15	4000	≥70	2498	460 x 170	○
9302RT4020GL	20	4000	≥70	3189	460 x 170	○
9302RT4025GL	25	4000	≥70	4002	460 x 170	○
9302RT4030GL	30	4000	≥70	4743	460 x 170	○
9302RT4034GL	34	4000	≥70	5348	460 x 170	○
9302RT4040GL	40	4000	≥70	6229	460 x 170	○
9302RT4050GL	50	4000	≥70	7731	460 x 170	○
9302RT4056GL	56	4000	≥70	8476	460 x 170	○




ACC069


ACC071


ACC249


ACC251


ACC330


ACC250

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC249 Schermo diffusore colore silver.
Silver colored light diffuser.

ACC251 Schermo diffusore colore grafite.
Graphite colored light diffuser.

ACC330 Schermo diffusore colore corten.
Corten colored light diffuser.

ACC250 Schermo diffusore colore antracite.
Anthracite colored light diffuser.



AERO



Apparecchio led da tesata per illuminare strade urbane, incroci e svincoli cittadini. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite, vetro temperato ad alta trasparenza spessore 4 mm, guarnizione in silicone. Ottica per centrostrada EN13201 Classe M con lenti in PMMA ad alto rendimento.

LED headlamp for lighting urban streets, intersections and city interchanges. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating color silver, graphite or anthracite, 4 mm thick high-transparency tempered glass, silicone gasket. Optics for EN13201 Class M center road with high-performance PMMA lenses.

CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY · CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection · Prewired · Silver RAL 9006 · Grafite Graphite · Antracite RAL 7021

CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K (CRI)		+	W. tot.		+ Options ○ Silver		Options ● Grafite		Options ● Antracite	
9301		RD		2	= ambra (CRI ≥70) *		016	048	GL	= on/off	RL	= on/off	EL	= on/off
				3	= 3000°K (CRI ≥70)		017	052	GM	= 1-10v	RM	= 1-10v	LM	= 1-10v
				4	= 4000°K (CRI ≥70)		024	054	GD	= dali 2	RD	= dali 2	LD	= dali 2
				5	= 5000°K (CRI ≥70) *		025	058	MG	= mezzanotte virtuale virtual midnight	MR	= mezzanotte virtuale virtual midnight	MD	= mezzanotte virtuale virtual midnight
							027	069	ZD	= zhaga socket D4i	ZR	= zhaga socket D4i	DZ	= zhaga socket D4i
							033	080						
							034	090						
							036	107						
							043							

* disponibilità su richiesta / * available on request

Δ LUMEN

	°K	CRI	% Lm
2	ambra	≥ 70	-15.30%
3	3000	≥ 70	-0.50%
4	4000	≥ 70	standard
5	5000	≥ 70	+0.50%

DOTAZIONE / STANDARD EQUIPMENT

- Attacco regolabile per installazione su tesata con auto-bilanciamento. - Adjustable interface for cable installation with self-balancing.
- Surge Protection da 10kV incluso. - 10kV Surge Protection.
- Cavo in neoprene H07RN-F in uscita precablato, lunghezza 1500 mm. - 1500 mm long H07RN-F neoprene cable.

ACCESSORI / ACCESSORIES





ACC069 **ACC071** **ACC238**

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

ACC238 Fotosensore per armature stradali con attacco Zhaga D4i.
Photosensor for street lighting with Zhaga D4i socket.

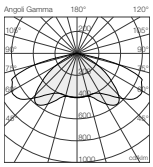
INSTALLAZIONE / INSTALLATION

Applicazione del faro per illuminazione stradale con installazione su tesata.

Road central-line installation.

Mod. RD

Ottica
Ottica per centrostrada EN13201 Classe M con lenti in PMMA ad alto rendimento. Diffusore in vetro piano temperato extrachiaro spessore 4mm.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore silver, grafite o antracite.



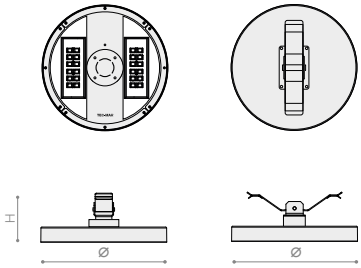


Optic
Optics for EN13201 Class M centrostrada with high-performance PMMA lenses. Extra-clear tempered flat glass diffuser 4mm thick.
Body
Die-cast aluminum body painted with thermosetting polyester powder anticorrosion silver, graphite or anthracite color.



ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF - SILVER
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF - SILVER

Code	W	°K	CRI	Lm OUTPUT	ØxH (mm)	Col.
9301RD4016GL	16	4000	≥70	2848	460 x 200	
9301RD4017GL	17	4000	≥70	2724	460 x 200	
9301RD4024GL	24	4000	≥70	3993	460 x 200	
9301RD4025GL	25	4000	≥70	4272	460 x 200	
9301RD4027GL	27	4000	≥70	3894	460 x 200	
9301RD4033GL	33	4000	≥70	5695	460 x 200	
9301RD4034GL	34	4000	≥70	5449	460 x 200	
9301RD4036GL	36	4000	≥70	5990	460 x 200	
9301RD4043GL	43	4000	≥70	7097	460 x 200	
9301RD4048GL	48	4000	≥70	7988	460 x 200	
9301RD4052GL	52	4000	≥70	8173	460 x 200	
9301RD4054GL	54	4000	≥70	7788	460 x 200	
9301RD4058GL	58	4000	≥70	9304	460 x 200	
9301RD4069GL	69	4000	≥70	10614	460 x 200	
9301RD4080GL	80	4000	≥70	11683	460 x 200	
9301RD4090GL	90	4000	≥70	13639	460 x 200	
9301RD4107GL	107	4000	≥70	15578	460 x 200	





LIZ

Lanterna led per illuminazione stradale, per illuminare giardini pubblici, centri storici, piazze, borghi e portici. Adatto per installazione su testa palo verticale, sospensione o a parete. Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore nero, ottica rotosimmetrica o asimmetrica stradale con lenti in PMMA ad alto rendimento.

Led street lighting lantern for illuminating public gardens, historical centers, squares, villages and arcades. Suitable for installation on vertical pole head, suspension or wall. Die-cast aluminum body painted with anti-corrosion polyester thermosetting powder coating black color, rotosymmetric or asymmetric street optics with high-performance PMMA lenses.



CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY · CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection · Prewired · Nero RAL 9005

CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K (CRI)			+	W. tot.	+	Options	
P902		A1		72	= ambra	(CRI ≥70) *		12		PL	= on/off
		A2		73	= 3000°K	(CRI ≥70)		16		PM	= 1-10v
		A3		74	= 4000°K	(CRI ≥70)		24		PD	= dali 2
		R1						25		PA	= mezzanotte virtuale / virtual midnight
		R2						30			
		R3						33			
								48			
								60			

* disponibilità su richiesta / * available on request

Δ LUMEN

	°K	CRI	% Lm
72	ambra	≥ 70	-15.30%
73	3000	≥ 70	-0.5%
74	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Surge Protection da 10kV incluso. - 10kV Surge Protection.
- Cavo in neoprene H05RN-F in uscita precablato, lunghezza 1500 mm. - 1500 mm long H05RN-F neoprene cable.

ACCESSORI / ACCESSORIES





ACC069 **ACC071**

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per installazione su testa palo verticale.

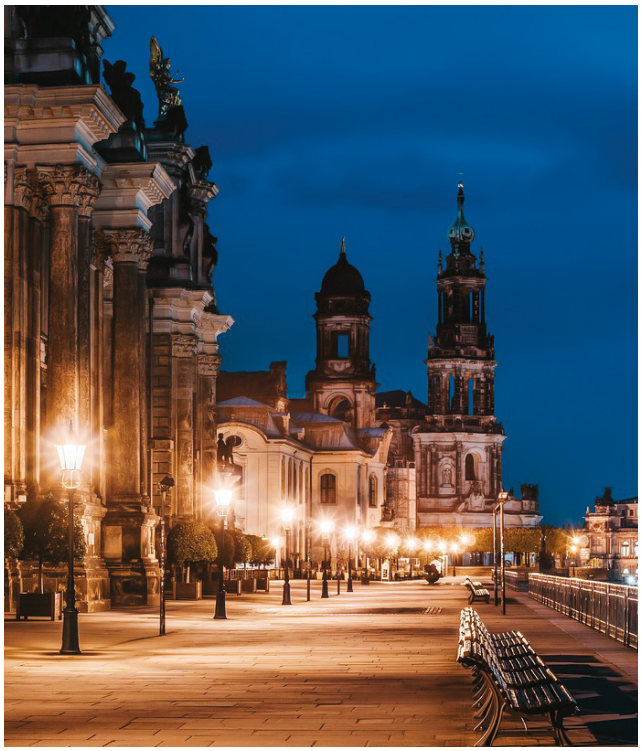
Pole installation.

Apparecchio adatto per installazione a parete.

Arm installation.

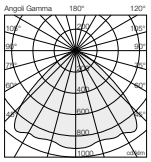
Apparecchio adatto per installazione a sospensione.

Suspended installation.

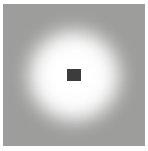


Mod. R1

Ottica
Ottica rotosimmetrica stradale Tipo V con lenti in PMMA ad alto rendimento.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore nero.



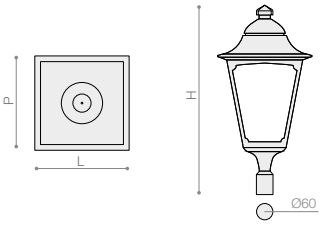
Optic
High performance PMMA Type V rotosymmetrical streetlight optic.
Body
Die cast alluminium body, coated with polyester anticorrosion powder black color





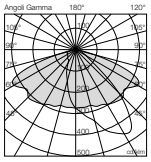
ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902R17412PL	12	4000	≥70	2019	330 x 330 x 680
P902R17416PL	16	4000	≥70	2528	330 x 330 x 680
P902R17424PL	24	4000	≥70	3490	330 x 330 x 680
P902R17425PL	25	4000	≥70	4040	330 x 330 x 680
P902R17430PL	30	4000	≥70	4162	330 x 330 x 680
P902R17433PL	33	4000	≥70	5055	330 x 330 x 680
P902R17448PL	48	4000	≥70	6979	330 x 330 x 680
P902R17460PL	60	4000	≥70	8325	330 x 330 x 680

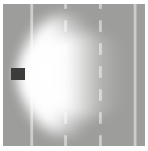


Mod. A1

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore nero.



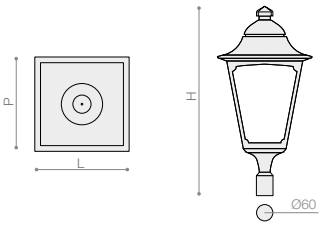
Optic
High performance PMMA IESNA type II lenses with highway beam. 45° asymmetry.
Body
Die cast alluminium body, coated with polyester anticorrosion powder black color.





ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

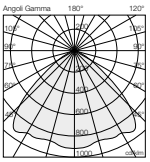
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902A17412PL	12	4000	≥70	2008	330 x 330 x 680
P902A17416PL	16	4000	≥70	2514	330 x 330 x 680
P902A17424PL	24	4000	≥70	3471	330 x 330 x 680
P902A17425PL	25	4000	≥70	4018	330 x 330 x 680
P902A17430PL	30	4000	≥70	4139	330 x 330 x 680
P902A17433PL	33	4000	≥70	5028	330 x 330 x 680
P902A17448PL	48	4000	≥70	6941	330 x 330 x 680
P902A17460PL	60	4000	≥70	8280	330 x 330 x 680

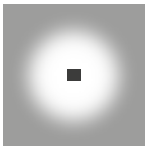


Mod. R2

Ottica
Ottica rotosimmetrica stradale Tipo V con lenti In PMMA ad alto rendimento.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore nero.

Optic
High performance PMMA Type V rotosymmetrical streetlight optic.
Body
Die cast alluminium body, coated with polyester anticorrosion powder black color.

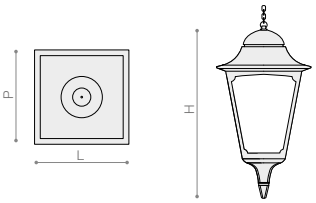






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

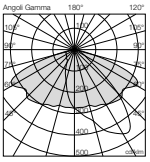
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902R27412PL	12	4000	≥70	2019	330 x 330 x 680
P902R27416PL	16	4000	≥70	2528	330 x 330 x 680
P902R27424PL	24	4000	≥70	3490	330 x 330 x 680
P902R27425PL	25	4000	≥70	4040	330 x 330 x 680
P902R27430PL	30	4000	≥70	4162	330 x 330 x 680
P902R27433PL	33	4000	≥70	5055	330 x 330 x 680
P902R27448PL	48	4000	≥70	6979	330 x 330 x 680
P902R27460PL	60	4000	≥70	8325	330 x 330 x 680

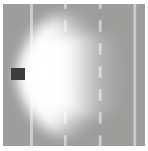


Mod. A2

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore nero.

Optic
High performance PMMA IESNA type II lenses with highway beam. 45° asymmetry.
Body
Die cast alluminium body, coated with polyester anticorrosion powder black color

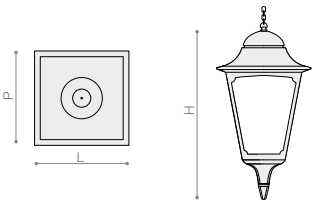






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

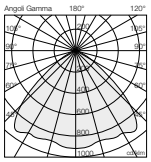
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902A27412PL	12	4000	≥70	2008	330 x 330 x 680
P902A27416PL	16	4000	≥70	2514	330 x 330 x 680
P902A27424PL	24	4000	≥70	3471	330 x 330 x 680
P902A27425PL	25	4000	≥70	4018	330 x 330 x 680
P902A27430PL	30	4000	≥70	4139	330 x 330 x 680
P902A27433PL	33	4000	≥70	5028	330 x 330 x 680
P902A27448PL	48	4000	≥70	6941	330 x 330 x 680
P902A27460PL	60	4000	≥70	8280	330 x 330 x 680

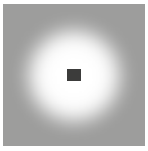


Mod. R3

Ottica
Ottica rotosimmetrica stradale Tipo V con lenti in PMMA ad alto rendimento.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore nero.

Optic
High performance PMMA Type V rotosymmetrical streetlight optic.
Body
Die cast alluminium body, coated with polyester anticorrosion powder black color

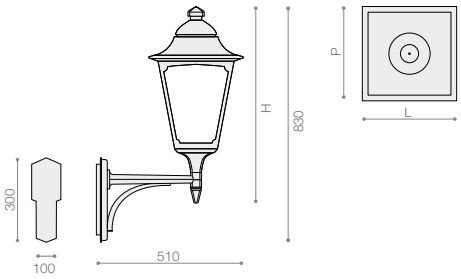






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

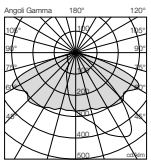
Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902R37412PL	12	4000	≥70	2019	330 x 330 x 710
P902R37416PL	16	4000	≥70	2528	330 x 330 x 710
P902R37424PL	24	4000	≥70	3490	330 x 330 x 710
P902R37425PL	25	4000	≥70	4040	330 x 330 x 710
P902R37430PL	30	4000	≥70	4162	330 x 330 x 710
P902R37433PL	33	4000	≥70	5055	330 x 330 x 710
P902R37448PL	48	4000	≥70	6979	330 x 330 x 710
P902R37460PL	60	4000	≥70	8325	330 x 330 x 710

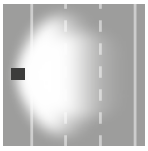


Mod. A3

Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento.
Corpo
Corpo in alluminio pressofuso verniciato con polvere termoindurente poliestere anticorrosione colore nero.

Optic
High performance PMMA IESNA type II lenses with highway beam. 45° asymmetry.
Body
Die cast alluminium body, coated with polyester anticorrosion powder black color.

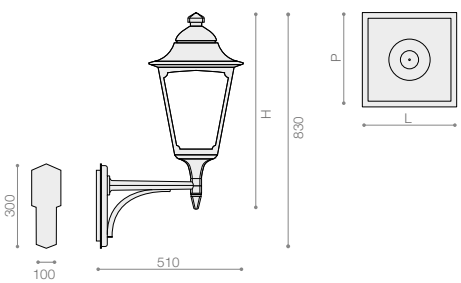






ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902A37412PL	12	4000	≥70	2008	330 x 330 x 710
P902A37416PL	16	4000	≥70	2514	330 x 330 x 710
P902A37424PL	24	4000	≥70	3471	330 x 330 x 710
P902A37425PL	25	4000	≥70	4018	330 x 330 x 710
P902A37430PL	30	4000	≥70	4139	330 x 330 x 710
P902A37433PL	33	4000	≥70	5028	330 x 330 x 710
P902A37448PL	48	4000	≥70	6941	330 x 330 x 710
P902A37460PL	60	4000	≥70	8280	330 x 330 x 710



RETROLED



Kit retrofit per la conversione a led delle lanterne tradizionali. Corpo in alluminio estruso verniciato con polvere termoindurente poliestere anticorrosione colore nero, ottica rotosimmetrica o asimmetrica stradale, con lenti in PMMA ad alto rendimento.

Retrofit kit for conversion of traditional lanterns to LED. Extruded aluminum body painted with anti-corrosion polyester thermosetting powder black color, rotosymmetric or asymmetric street optics, with high-performance PMMA lenses.

CARATTERISTICHE / MAIN FEATURES

Class II · CE · IP 66 · IK 08 · 7 WARRANTY · CRI >70 · L90-B10 100.000h · Mac Adams 3 · RG0 RG1 · 10 Kv protection · Prewired · Nero RAL 9005

CODIFICA CODICE / CODING

Art.	+	Mod.	+	°K (CRI)			+	W. tot.	+	Options	
P902		A4		72	= ambra	(CRI ≥70) *		12		PL	= on/off
		R4		73	= 3000°K	(CRI ≥70)		16		PM	= 1-10v
				74	= 4000°K	(CRI ≥70)		24		PD	= dali 2
								25		PA	= mezzanotte virtuale / virtual midnight
								30			
								33			
								48			
								60			

* disponibilità su richiesta / * available on request

Δ LUMEN

	°K	CRI	% Lm
72	ambra	≥ 70	-15.30%
73	3000	≥ 70	-0.5%
74	4000	≥ 70	standard

DOTAZIONE / STANDARD EQUIPMENT

- Surge Protection da 10kV incluso. - 10kV Surge Protection.

ACCESSORI / ACCESSORIES



ACC069



ACC071

ACC069 Connettore stagno IP66 per connessione 2P+E (16A - 400V). Colore nero.
IP66 waterproof connector, + E (16A - 400V). Color: black.

ACC071 Connettore stagno IP66 per connessione 4P+E (16A - 400V). Colore nero.
IP66 waterproof connector, 4P + E (16A - 400V). Color: black.

INSTALLAZIONE / INSTALLATION

Apparecchio adatto per lanterne installate su testa palo verticale.

Fixture suitable for lanterns installed on vertical pole head.

Apparecchio adatto per lanterne installate a parete.

Fixture suitable for wall-mounted lanterns.

Apparecchio adatto per lanterne installate a sospensione.

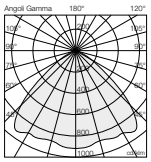
Fixture suitable for lanterns installed in suspension.

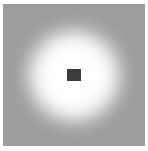


Mod. R4

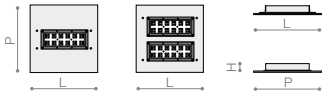
Ottica
Ottica rotosimmetrica stradale Tipo V con lenti in PMMA ad alto rendimento.
Corpo
Corpo in alluminio estruso verniciato con polvere termoindurente poliestere anticorrosione colore nero.

Optic
High performance PMMA Type V rotosymmetrical streetlight optic.
Body
Extruded alluminium body, coated with polyester anticorrosion powder black color.









ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902R47412PL	12	4000	≥70	2019	280 x 280 x 150
P902R47416PL	16	4000	≥70	2528	280 x 280 x 150
P902R47424PL	24	4000	≥70	3490	280 x 280 x 150
P902R47425PL	25	4000	≥70	4040	280 x 280 x 150
P902R47430PL	30	4000	≥70	4162	280 x 280 x 150
P902R47433PL	33	4000	≥70	5055	280 x 280 x 150
P902R47448PL	48	4000	≥70	6979	280 x 280 x 150
P902R47460PL	60	4000	≥70	8325	280 x 280 x 150

PERSONALIZZABILE / CUSTOM MODULS AVAILABLE

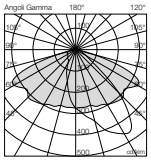
Flangia di chiusura customizzabile nelle dimensioni e realizzabile anche di forma circolare.
Closure flange (custom size and round shape available).

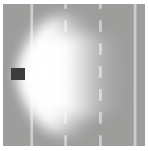


Mod. A4

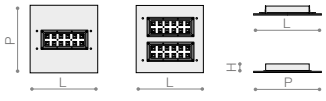
Ottica
Ottica asimmetrica media 45° stradale IESNA Tipo II con lenti in PMMA ad alto rendimento.
Corpo
Corpo in alluminio estruso verniciato con polvere termoindurente poliestere anticorrosione colore nero.

Optic
High performance PMMA IESNA type II lenses with highway beam. 45° asymmetry.
Body
Extruded alluminium body, coated with polyester anticorrosion powder black color.









ESEMPIO CODIFICA CODICE 4000K - CRI≥70 - ON/OFF
E.G. ARTICLE REFERENCE 4000K - CRI≥70 - ON/OFF

Code	W	°K	CRI	Lm OUTPUT	LxPxH (mm)
P902A47412PL	12	4000	≥70	2008	280 x 280 x 150
P902A47416PL	16	4000	≥70	2514	280 x 280 x 150
P902A47424PL	24	4000	≥70	3471	280 x 280 x 150
P902A47425PL	25	4000	≥70	4018	280 x 280 x 150
P902A47430PL	30	4000	≥70	4139	280 x 280 x 150
P902A47433PL	33	4000	≥70	5028	280 x 280 x 150
P902A47448PL	48	4000	≥70	6941	280 x 280 x 150
P902A47460PL	60	4000	≥70	8280	280 x 280 x 150

PERSONALIZZABILE / CUSTOM MODULS AVAILABLE

Flangia di chiusura customizzabile nelle dimensioni e realizzabile anche di forma circolare.
Closure flange (custom size and round shape available).

