PERFORMANCE
iN LIGHTING

KYRO+1 SR/075

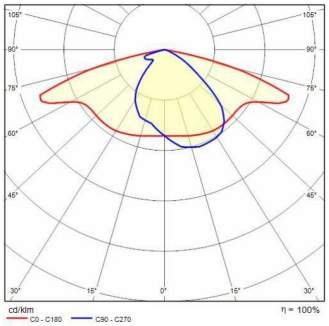
IP 66 | CLASS II | FULL CUT OFF | ULR<1 | CIEn°3>95 | CE | EAC

Part number	3105293
Lampholder:	LED
Light source:	LED
Wattage:	36 W
Finishing:	AN-96 / Anthracite gray / Textured
Insulation class:	II
IP degree of protection:	IP66
IK-J-xxIP:	IK09 10J xx9
CRI:	70
Colour temperature:	3000
Power factor / COS Φ:	>0.9
Optic:	Road reflector
Lightsource lumen output (lm):	5291 lm
Luminaire lumen output (lm):	4799 lm
L:	L90
B:	B10
Lifetime:	100000 h
Min. ambient temperature (°C):	-40
Max. ambient temperature (°C):	50
ULR light pollution (%):	0%
IPEA* (road lighting):	A7+
IPEA* (large areas, roundabouts):	A8+
IPEA* (cycle-pedestrian):	A6+
IPEA* (green areas):	A6+
IPEA* (historic city centers):	A11+
Luminous Intensity Class:	G*4

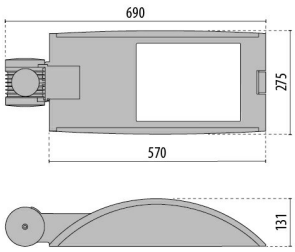
Description

Series of LED street lighting luminaires, in two sizes, comprising:
- Die-cast aluminium housing and cap, chemical pre-treated and painted polyester powder coat finish ISO 9227
- Painted die-cast aluminium pole clamp
- Extra clear, tempered, toughened flat glass diffuser
- High-transparency polycarbonate lenses grant an optimized light transmission
- Optics available: SR/075 for narrow roads with an L/H ratio (road width/pole height) between 0.5 and 0.75; SR/100 for two-lane roads and L/H ratio equal to 1; SR/125 for wide roads and L/H ratio equal to 1.25; SR/150 for wide roads and L/H ratio equal to 1.5
- Aluminium heat sink
- High resiliency anti-ageing silicone gasket with high elastic return capacity
- Switch splitter automatically disconnects the power supply when the cable cover is opened
- Waterproof cable gland M25x1.5 for cables Ø 9- Ø 14 mm
- Built-in driver
- Stainless steel external screws
- Technopolymer component holder bracket reinforced with fiberglass
- Gear tray removable without tools
- Fully integrated stainless steel aluminium spring clips
- KYRO+1 versions are suitable for installation on Ø 42 - Ø 60/62 mm poles, KYRO+1-D76 versions on Ø 76 mm poles, and KYRO+2 versions on Ø 60/62 - Ø 76 mm poles

Photometric data



Technical drawings



PERFORMANCE IN LIGHTING s.p.a. Viale del Lavoro 9/11- 37030 Colognola ai Colli (VR) - Italy - Tel. +39 045 61 59 211 - Fax export +39 045 61 59 393
www.performanceinlighting.com

- Integral surge protection device (SPD) against mains overvoltages up to 10 kV
- The “SECURE LIGHT DISTRIBUTION” system guarantees uniform light distribution even in the remote case of LED failures
- Compliant with the UNI 10819 standards on light pollution
- Provided complete with 1 m cable H07RN-F 2 x 1.5 mm2 and IP66 plug-socket, produced in polyamide with silver-plated brass contacts, for cables Ø 9 - Ø14 mm, that allows connection to the mains without opening the luminaire.
- Versions with automatic power reduction available (RPA)
- For other colour temperatures and different colour rendering index consult factory
- CLO (Constant light output) option available. Consult factory
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08
- Design by SILVIA PAOLA PENNACCHIO

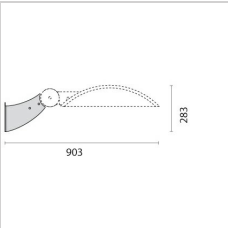
OPTIONAL ACCESSORIES

KYRO+

14077820
Kit of 10 rubber sealing gaskets for up to 2 no. Ø 8 mm cables

3102824
1 m Wire H07RN-F 2x1,5 + connector

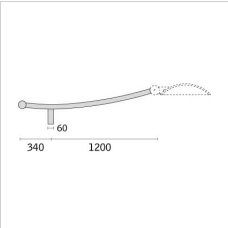
KYRO+ SOLUTION / KYRO+1



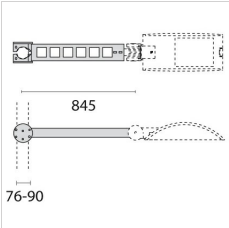
14077596
Wall mounting bracket L=310 mm (KYRO+1), in phospho-chromate and cataphoresispre-treated steel finished polyester painted

Anthracite gray

KYRO+ SOLUTION

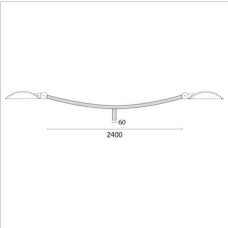


14077102
Single 1200 mm extension arms, hot dipped galvanised steel, suitable for installation on Ø 60 mm pole top

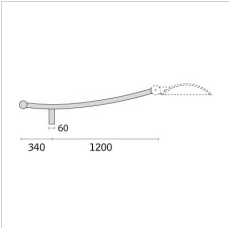


14082096
850 mm steel extension arm finished complete with adjustable sliding aluminium pole clamp for Ø76-90 mm poles

Anthracite gray

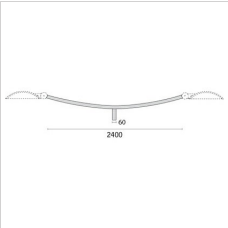


14077202
Twin (back to back) 2x1200 mm extension arms, hot dipped galvanised steel, suitable for installation on Ø 60 mm pole top



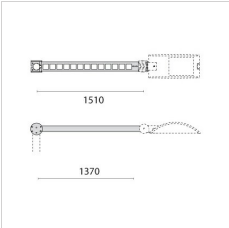
14088396
Galvanised, grey-paint finish, 1200 mm single extension arm, suitable for installation on Ø 60 mm posts

Anthracite gray



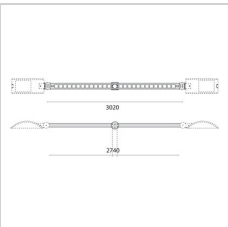
14088496
Twin (back to back) 2x1200 mm extension arms, hot dipped galvanised steel finished, suitable for installation on Ø 60mm pole top

Anthracite gray



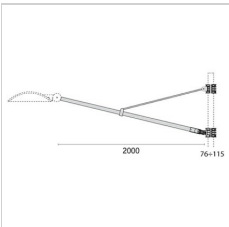
14077396
Single 1500 mm extension arms, phospho-chromate and cataphoresis pre-treated steel finished polyester painted. Aluminium pole top mounting joint suitable for Ø60 poles (with sleeve) or Ø76mm poles, available in horizontal or 25° inclined position

Anthracite gray



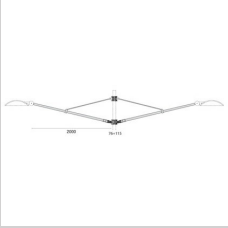
14077496
Twin (back to back) 2x1500 mm extension arms, phospho-chromate and cataphoresis pre-treated steel finished polyester painted. Aluminium pole top mounting joint suitable for Ø60 poles (with sleeve) or Ø76 mm poles, available in horizontal or 25° inclined position

Anthracite gray



14138196
2000 mm extension arms in hot dipped galvanised tubular steel with aluminium joints finished available as single mounting options on Ø76÷115mm poles

Anthracite gray



14138296

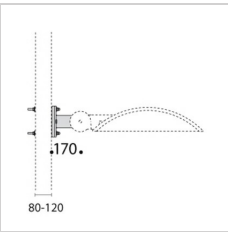
2000 mm extension arms in hot dipped galvanised tubular steel with aluminium joints finished available as twin 180° and 120° (back to back) mounting options on Ø76÷115mm poles

Anthracite gray

14138396

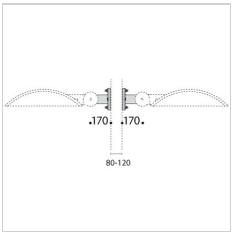
2000 mm extension arms in hot dipped galvanised tubular steel with aluminium joints finished available as three 120° mounting options on Ø76÷115mm poles

Anthracite gray



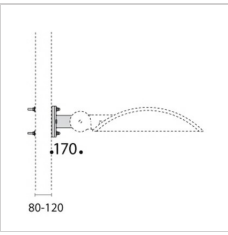
14081902

Hot dipped galvanised steel brackets suitable for installing single fittings (back to Back) on Ø80-120mm poles. Complete with fixing rods and nuts, requires poles to be drilled



14084202

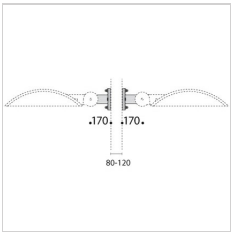
Hot dipped galvanised steel brackets suitable for installing single or twin fittings (back to Back) on Ø80-120mm poles. Complete with fixing rods and nuts, requires poles to be drilled



14088696

Hot dipped galvanised steel finished matt grey brackets suitable for installing single or twin fittings (back to Back) on Ø 80÷120 mm poles. Complete with fixing rods and M8 nuts, requires poles to be drilled

Anthracite gray



14088796

Hot dipped galvanised steel finished matt grey brackets suitable for installing single or twin fittings (back to Back) on Ø80÷120mm poles. Complete with fixing rods and M8 nuts, requires poles to be drilled

Anthracite gray