



PERCORSO II

The LED Roadway Lighting...

ThermalSafe®
 GlareSafe®
 TightSafe®
 Smart Intelligent System *touch.*
 Future Proof
 Anti Drop System

The Percorso II Street Lighting luminaires are powered by the Gruppe Crystal OpticLED™ platform, and featuring innovative thermal management design, offers exceptional performance and value. This versatile luminaire can be tailored to the unique specifications of each project by offering multiple drivers, wattage options and dimming options to further maximise energy savings and provide the most cost-effective solution.

Using state-of-the-art technology, Percorso luminaires have been designed to fulfil the FutureProof concept. The photometric engine is IP 66 sealed to protect the LEDs and lenses from coming into contact with the outside environment and so maintain photometric performance over time.

Application

Perimeter, Roadway, parking, compound, garden & etc
Architectural and landscape.

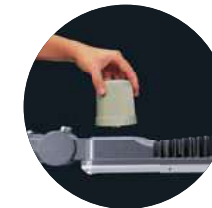
Features

High pressure die cast aluminium alloy housing.
 Corrosion resistant.
 Finished with polyester powder paint.
 Standard colour grey.
 Stainless steel screws and clips.
 Anti-aging silicone rubber gasket.
 Clear tempered glass protector.
 Adjustable mounting spigot for tilting and mounting flexibility on pole top and side entry
 Clip on closure.
 Operating temperature (Ta) -25°C ~ 50°C.
Dimming and smart lighting system available upon request.

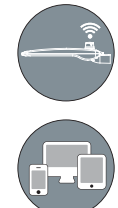
Characteristic

Light source	: High power LED
Power correction factor	: > 0.9
Insulation	: Class 1
Compliance	: IEC 60598-1, IEC 60598-2-3 IEC 62722
Ingress Protection (IP)	: IP 66
Protection against surge (SPD)	: 10KA ~ 20KA
Colour rendering (CRI)	: ≥ 70
Colour temperature (CCT)	: 3000K ~ 6000K
<i>Other CCT & CRI available upon request</i>	
Weight	: 5.7kg ~17.5kg

Option : Remote Control System & Smart Intelligent System
available upon request



Nema socket ready



Energy saving with remote control system

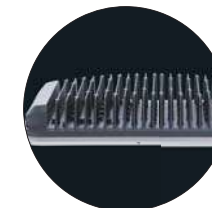
Network for smart intelligent system



Robot & Sleek design



GlareSafe® Multiple lens



ThermalSafe® Thermal system



Anti Drop System



GlareSafe® Multiple lens

PERCORSO II

The luminaires various sizes and its photometric versatility makes it perfectly suited to multiple road & public lighting applications

ThermalSafe® withstand high temperatures



Specification

Type	Percorso II series
Light source	Integral LED-module
Wattage	30W ~ 240W
Nominal efficacy	120 ~ 135 lm/W
Color temperature (CCT)	3000K ~ 6000K
Color rendering Index (CRI)	≥ 70 <i>Other CRI available upon request (≥ 80, ≥ 90)</i>
Useful life	50,000 hours ~ Base on the light source
Operating temperature range (Ta)	-25°C ~ 50°C
Driver	Built-in electronic system
Main voltage	100-277V / 50-60Hz
Options	Dimming system photocell Nema socket (7 pin)
Optical lens photometry	T2A, T3A, T4A, T3, T4, T5, T12, T13, T14 <i>* Refer to the Lens application page</i>
Material	Housing : high pressure die-cast aluminium alloy Protector : Clear tempered flat glass Finishing : polyester powder paint
Color	Grey Other RAL colors available on request
Maintenance	Possibility to open with screw to replace driver and LED module. Easy maintenance.
Installation	Post top : 60 mm Side entry : 60mm Recommended mounting height : 6m ~ 15m Standard tilt angle post top : 0, -5° and -10° Adjustable tilt angle 0, -5° and -10°

Ordering Code Dimensions

Code	Wattage	Leds	Nominal Flux	a	b	c	d
PER03040	30W	12	3600	190	380	62	48
PER04040	40W	16	5200	190	380	62	48
PER06040	60W	24	7800	250	628	80	60
PER08040	80W	40	10400	250	628	80	60
PER12040	120W	60	15600	280	790	105	60
PER15040	150W	60	19500	280	790	105	60
PER18040	180W	80	23400	298	825	105	60
PER20040	200W	96	26000	360	985	112	65
PER24040	240W	112	31200	360	985	112	65

* The above ordering code is base on CCT-4000K

