


simon PRAGA Istanium[®] LED





Classic LED luminaire
Cast aluminium, giving
extended operating life

Installation recommended at heights from 3 to 6 m.

 **Simon PRAGA Istanium[®] LED configurator**



MODEL		
MPC	MPF	MHC
		
M size, 3/4"G post-top fixing, conical cover	M size, 3/4"G post-top fixing, flat cover	M size, 3/4"G top suspended fixing, conical cover

DIFFUSER	CABLING	INPUT/PROTECTION VOLTAGE	OPTICS	COLOUR TEMP.	LEDs/POWER	CURRENT	DIMMING
GTF	0 m	230 VAC CI 	RW	NDL	24 LEDs (2 mod.) 350 mA 25 W 530 mA 39 W 700 mA 54 W	350 mA	2N- No control line Self-dimming
Transp. Glass Flat	No cable	Mains electricity	Road Wide Light	Neutral Daylight		350 mA	
MTT	5 m	230 VAC CII 	RF	WDL	36 LEDs (3 mod.) 350 mA 37 W 530 mA 58 W 700 mA 81 W	530 mA	2N+ With control line
Met. Trans. 4 sides	5 m of cable	Mains electricity	Road Frontal Light	Warm Daylight		530 mA	
MOT		12-24 VDC	RE		48 LEDs (4 mod.) 350 mA 49 W 530 mA 77 W	700 mA	1N No dimming
Met. Opal 4 sides		Solar light point	Road Extended Light			700 mA	
			SRF Symmetrical Road Frontal Light				CAD CAD
							1-10 V 1-10 Protocol
							DALI DALI Protocol

FINISHES			
Simon Lighting colour chart		RAL classic colour chart	
Body	See page 376	Body	See RAL chart

CONFIGURATION LIMITATIONS
 12-24 VDC units will accept only 24 LEDs at 350 mA or 530 mA with 1N or 2N- dimming.
 SRF optics only in 24 and 48 LED models.

BASE REFERENCES

Simon PRAGA Istanium® LED, M size luminaire, with Class I electronic gear. No pre-wiring, 230 VAC/50 Hz power supply, road wide optics. BK9005.								
							post-top, flat cover (MPF)	hanging, conical cover (MHC)
COLOUR TEMPERATURE	CURRENT	POWER	LEDs/MODULES	CLASS	DIMMING	DIFFUSER	CODE	CODE
NDL	350 mA	49 W	48 LEDs (4 mod.)	Cl	1N	GTF	50-86362	50-86366
Neutral Daylight	530 mA	77 W	48 LEDs (4 mod.)	Cl	1N	GTF	50-86364	50-86368
WDL	350 mA	49 W	48 LEDs (4 mod.)	Cl	1N	GTF	50-86363	50-86367
Warm Daylight	530 mA	77 W	48 LEDs (4 mod.)	Cl	1N	GTF	50-86365	50-86369

ACCESSORIES

ACCESSORIES	CODE
Wall arm, post-top and suspended, BM13	

RELATED ITEMS

RECOMMENDED ARM

BM13 page 162
BM10 page 163



RECOMMENDED POLE

CL18 page 117



SIMON PRAGA ISTANIUM® LED TECHNICAL INFORMATION

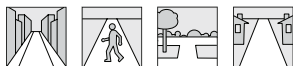
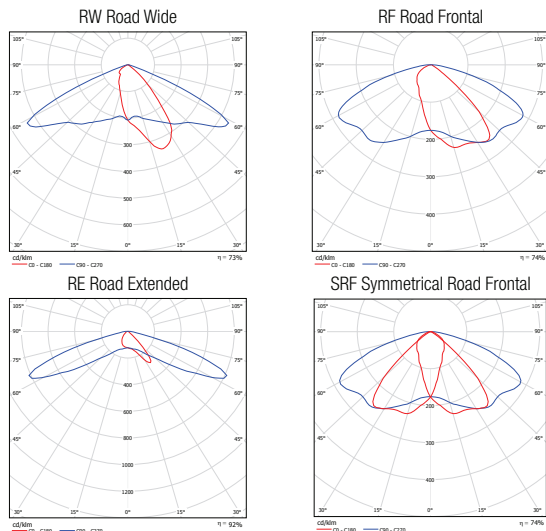
PHOTOMETRIC DATA*

Optical Group: modular system with Istanium® LED modules	
Colour temperature	WDL 3000K NDL 4000K DL 5000K**
Colour Reproduction Index	>70
LED lifetime (L70B10 at 25 °C)	50.000 h
Luminous flux	1700 to 8000 lm
Luminaire efficiency	Up to 100 lm/W
Photometric distribution	RW optics RF optics RE optics SRF optics
Inst. ULOR	☒ E1 – (transparent diffuser)
Istanium® LED modules	2 to 4
LEDs	24 to 48

* Depending on the model
** On request

PHOTOMETRIC DISTRIBUTION

(see details on page 372)



PHYSICAL DIMENSIONS

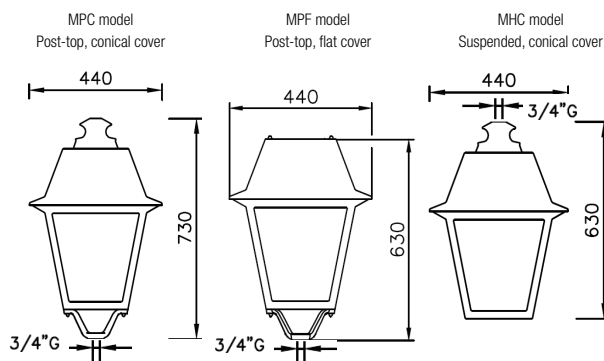
Post-top fixing	Fixing to 3/4"G x 50 mm threaded tube
Suspended fixing	Fixing to 3/4"G x 50 mm threaded tube
IP rating	IP66
IK code	IK10
Windage area	☐ 0,23 m²
Weight	Min. 🧑 11.5 kg Max. 🧑 13 kg

MATERIALS

Body	Die-cast aluminium
Closing system	Using stainless steel screws
Fixing system	Die-cast aluminium
Diffuser	GTF: Clear flat tempered glass MTT: Clear flat methacrylate MOT: Opal engraved methacrylate

Recyclability

DIMENSIONS



FINISHES

Body	Simon Lighting colours Other RAL colours
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ELECTRICAL PARAMETERS*

Power by model	24 LED 2 mod.	36 LED 3 mod.	48 LED 4 mod.	60 LED 5 mod.
Supply current	350 mA 530 mA 700 mA	25 W 39 W 54 W	37 W 58 W 81 W	49 W 77 W -
Working temperature	-40 °C to +40 °C			
Dimming	2N- No control line 2N+ With control line CAD Cabinet amplitude dimming 1N (100%) No dimming 1 - 10 V** DALI**			
Supply voltage	220-240 Vac	Luminaires with solar light point supply		
Frequency	50 / 60 Hz	Luminaires with mains electricity		
Electronic gear	Class II	Class III		
Surge protection	4 kV	-		
Cos φ	≥ 0.95	-		
Luminaire electrical protection	Class I or Class II	Class III		

* Depending on the model
** On request

CERTIFICATES

Luminaire conforms to: EN-60598-1 and 2-3 / EN-ISO-55015 / EN-61547 / EN 61000-3-2 and 3-3



Warranty

2 years (warranty extension to 5 years for LEDs on request).

Items supplied and packaging

Packed in recyclable cardboard box with identification label to protect the product during transport and storage.

Maintenance

Keep the diffuser surface clean to obtain maximum luminous flux. Use a damp cloth. Do not use aggressive products or detergents. Lubricate water-tight seals and replace when cracked. Lubricate locks and/or hinges of moving parts. Keep the thermal radiation surface clean to avoid loss of luminous flux and shortening of LED life.