Simon Hydra M urban luminaire with SA optics, 3000 K, 18 W, 530 mA, 1N w/o dimming Standard finish

REF. **220-001041015**

BASIC INFORMATION

BODY MATERIAL

Die-cast aluminium

DIFFUSER MATERIAL

High-strength transparent PMMA

SUPPLY AND PACKAGING

Packed in recycled cardboard with an identifying label to protect the product during transport and storage.

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TECHNICAL INFORMATION

FREQUENCY
50 - 60 Hz

IK CLASSIFICATION
08

MAINTENANCE
Keep the diffuser surface clean to achieve maximum light flux. Use a damp rag without any type of harsh product or detergent. Lubricate the sealing gaskets and replace them when they are cracked. Lubricate the closures and/or hinges of the moving parts. Keep the thermal radiation surface clean to not lose light flux without shortening the life of the LEDs.

COLOR RENDERING INDEX (CRI)
>70

COLOR TEMPERATURE (K)
3000 K

OPTIC
Symmetrical SA

EFFICIENCY (LM/W)
125 lm/W

ELECTRICAL PROTECTION OF THE LUMINAIRE
Class I

LIGHT FLUX (LM)
2490 lm

LOCKING SYSTEM
Die-cast aluminium lever

LIGHT OUTPUT RATIO (LOR)
1

OVERVOLTAGE PROTECTION
Standard protection against 6 kV surges

POWER FACTOR (Φ)
≥ 0,95

POWER (W)
18 W

RECYCLABILITY
Yes

REGULATION
1N without regulation

SERVICE LIFE
L90 B10 100.000 h at 25 °C

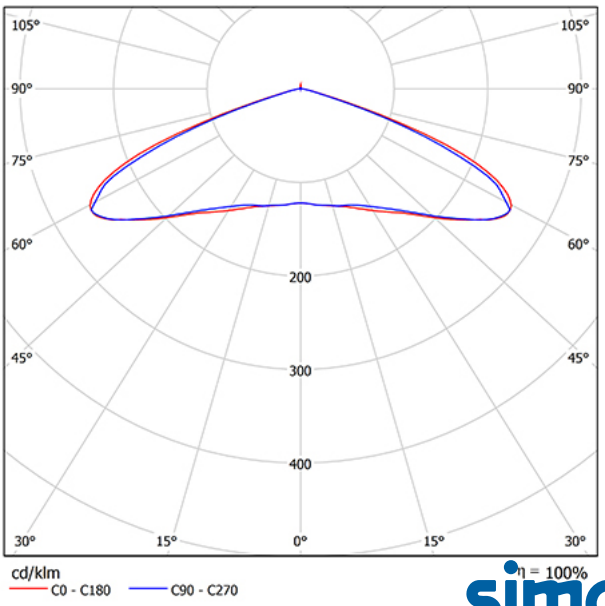
SUPPLY CURRENT (MA)
530 mA

SUPPLY VOLTAGE (VAC)
Input 220-240 VAC

WIND SURFACE AREA (M2)
0,14 m2

UPPER HEMISPHERIC FLUX
< 1 %

PHOTOMETRY ASSETS – DISTRIBUTION



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INSTALLATION AND MAINTENANCE

TYPE OF FASTENING
Post Top

MOUNTING
Post Top

MOUNTING SYSTEM
Die-cast aluminium

REGULATIONS

ENEC+ CERTIFICATION
No

WARRANTY
5 years

REGULATIONS
EN 60598-2-3 / EN 62493 / EN 55015 / EN 61547 / EN 61000-3-2 / EN 50581