

DESCRIPTION

Coelux Sky Line Smart Sky is a linear recessed ceiling system that artificially reproduces natural light from the sky and the sun. It includes a LED light source, optical components and a Coelux Smart Sky panel, all housed in a metal structure. The system is modular, with units of 1200 mm length that can be combined to achieve long installations. It is designed to illuminate walls with a realistic reproduction of natural light. Beam direction: 45°. Appearance of the sun: not visible. Coelux Sky Line Smart Sky can recreate the passage of time from sunrise to sunset. Installation: wall washer only, with trimless finishing. It may also be mounted on normally inflammable surfaces. Inspection hatch: not required; it is recommended to position the power supply unit remotely.

MECHANICAL FEATURES

Device dimensions: 1200 x 96 x h86 mm
47.2 x 3.8 x h3.4 in

Necessary space for installation (largest volume including device, assembled frame, fixing kit): 1200 x 220 x h120 mm
47.2 x 8.7 x h4.7 in

Sky-light size: 1170 x 30 mm
46.0 x 1.2 in

Weight: 6 kg 13.2 lb

Fixing kit: Outercase in aluminium included.

FRAME

Finishing: White Matte, RAL 9010

ELECTRICAL FEATURES

Type of source:	LED
Light output control:	Dimmable by DALI or 0-10V
Light output range:	<5-100%
Power input:	1° channel (LED) at 57 V DC 1200 mA constant current 2° channel (Smart Sky) at 24 V DC
Max power consumption:	70 W
Typical power consumption:	70 W
Insulation Class	EU Class III (UL class 2)

Power supply included. Kit Smart Sky Driver to be ordered separately:
27-00039 Kit Smart Sky Driver for Coelux Smart Sky Devices - DALI control
27-00040 Kit Smart Sky Driver for Coelux Smart Sky Devices - 0-10V control

OPTICAL FEATURES

Total Light Output:	1810 lm (noon) - 1430 lm (sunset)	
Lumen maintenance(L90B10):	> 50000 h	
LED CRI (Ra)	> 92	
CCT of transmitted beam:	5700 K (noon)	3900 K (sunset)
CCT of the Sky:	> 10000 K (noon)	8700 K (sunset)
Photometric diagram (simulated .ies .ldt file, without frame):	Available	
Beam angle:	45°	
Divergence-FWHM (H/V)(without frames, refer to photometric curves):	80°/22°	
Sun appearance:	Not visible, perceived by the projection on the wall	
Sky appearance:	Not visible, perceived by the projection on the wall	
Melanopic Ratio (Sky):	1.38 (noon)	1.21 (sunset)
Melanopic Ratio (Sun):	1.38 (noon)	1.02 (sunset)

OPERATING CONDITIONS

Min/max operating temperature:	-10 / 40 °C
Max operating relative	95%
IP grade:	IP40

ACCESSORIES

- 75- 00062- 01: CBU- A2D - Casambi wireless control unit configured for Coelux Sky Line Smart Sky DALI
- 75- 00057- 01: Casambi Xpress - Casambi wireless Keypad user interface - White
- 75- 00058- 01: Casambi Xpress - Casambi wireless Keypad user interface - Black

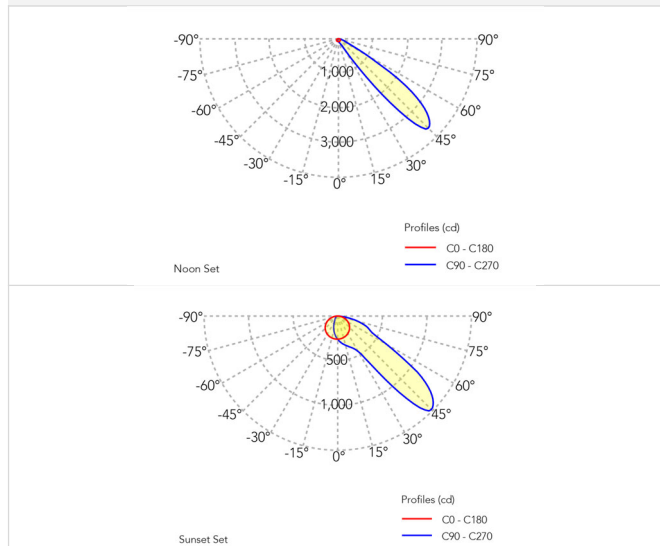
CERTIFICATIONS AND WARRANTY

Certifications:	CE, CB
Certification code:	Coelux Skyline SS
Warranty:	5 years

SHIPPING INFORMATION

- 1 cardboard box: 1300 x 205 x h165 mm / 51.2 x 8.1 x h6.5 in - 6.6 kg / 4.5 lb

PHOTOMETRIC CURVES



NOTES

- 1) This product requires the Kit Smart Sky Driver and a power supply, which is not included and must be ordered separately. Each Kit Smart Sky driver can manage up to 10 products. Select the Order code that best suits your needs (DALI or 0-10V):
27-00039 Kit Smart Sky Driver for Coelux Smart Sky Devices - DALI control
27-00040 Kit Smart Sky Driver for Coelux Smart Sky Devices - 0-10V control
- 2) In order to ensure an easier maintenance, it is suggested to position the power supply unit remotely.

Coelux technical sheets and 3D files can be downloaded directly from our website www.coelux.com
The products here presented are covered by patents and patent applications.
Details available at www.coelux.com/en/patents/index Coelux reserves the right to carry out variations to technical details.