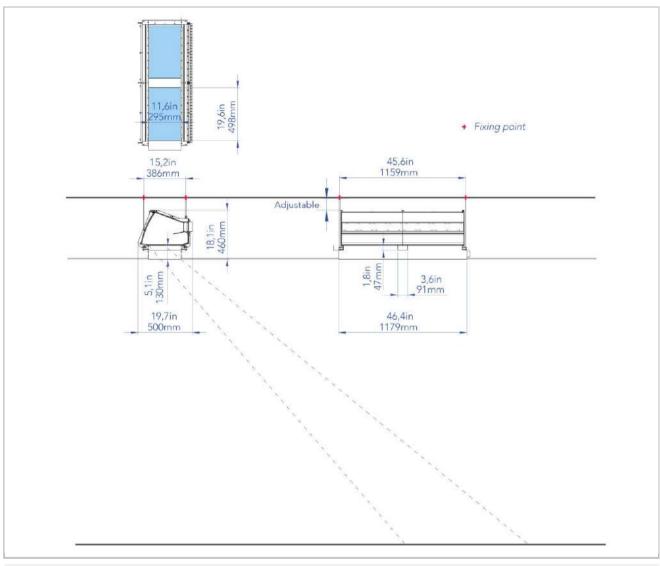




Order Code:

LS_ND_ARRAY_MIDDLE_BIS



MECHANICAL FEATURES

Fixing kit:

1159 x 500 x h460 mm Sky-light size: Device dimensions: 45.6 x 19.7 x h18.1 in

(0.5 m; M6 metric system)

Necessary space for installation 1159 x 500 x h460 mm 24 Kg (largest volume including device, Weight: 45.6 x 19.7 x h18.1 in 55 lb

assembled frame, fixing kit): The fixing kit includes 4 threaded rods

ELECTRICAL FEATURES		FRAME	
Type of source: Light output control:	LED Dimmable by DALI	Material: Visible dimensions:	Powder-coated steel sheet Depending on the
Light output range:	0.1-100%	Weight:	configuration 7 kg / 15.4 lb
Power input:	100-240V, 50/60Hz		
Max power consumption:	100W		
Typical power consumption:	90W		
Power supply:	Power supplies (x4) delivered with the product to be assembled in site by installer.	Finishing:	White

498 x 295 mm (x2)

19.6 x 11.6 in (x2)



CoeLux LS Array

Order Code:

LS_ND_ARRAY_MIDDLE_BIS

DESCRIPTION

CoeLux® LS Array is a recessed ceiling system that artificially reproduces natural light from the sky and the sun. It includes an LED light source, optical components and a CoeLux® panel, all housed in a plastic structure. Skylight dimensions: (2x)498 x 295 mm | (2x)19.6 x 11.6 in). Appearance of the sun: visible, slightly frosted. Beam direction: 45°. Appearance of the sky: clear. Frame: included (mandatory for optimal yield), matte. It may also be mounted on normally inflammable surfaces. Inspection hatch: not required. For Array configurations use LS Array Head module and LS Array Middle module in variable number.

CERTIFICATIONS

Certifications:	BIS*
Certification code:	CoeLux LS (Serie 2)

* Available on request

OPTICAL FEATURES

Total Light Output*:	3000 lm
Lumen maintenance (L90B10)*:	> 50000h
LED CRI (Ra) :	> 92
CCT of transmitted beam:	4800K
CCT of the Sky:	> 30000 K

Photometric diagram (simulated .ies .ldt file, without frame):

Available

Beam angle:	45°
Divergence (H/V)	
(without frames, refer to	13° / 18°
photometric curves)	
Sun appearance:	Visible slightly frosted
Sky appearance:	Clear
Melanopic Ratio (Sky):	1,577
Melanopic Ratio (Sun):	0,822

OPERATING CONDITIONS

Min/max operating temperature:	-10/40°C
Max operating relative humidity (no condensing):	95%
IP grade:	IP20 (IP44 on the sky panel side only)

SHIPPING INFORMATION

_ No. 3 Carton boxes:

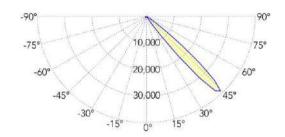
1200x500x650 mm / 47.2x19.7x25.6 in - 32 kg / 70.5 lb and

1250x660x185 mm / 49.2x26.0x7.3 in - 10 kg / 22 lb and

1250x660x185 mm / 49.2x26.0x7.3 in - 10 kg / 22 lb

Dimensions and weights may differ depending on packaging and shipping conditions.

PHOTOMETRIC CURVES



Profiles (cd)

— C0 - C180
— C90 - C270

All values marked with an * are rated values.

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 patents applications. Details available at www.coelux.com/en/patents/index CoeLux reserves the right to carry out variations to technical details.