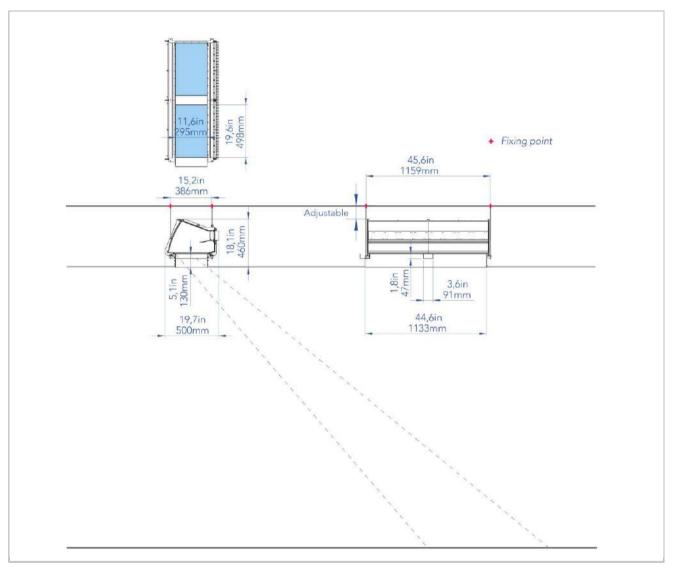


CoeLux LS Array

Order Code:

LS_ND_ARRAY_HEAD_CE



MECHANICAL FEATURES

Device dimensions:	1159 x 500 x h460 mm 45.6 x 19.7 x h18.1 in	Sky-light size:	498 x 295 mm (x2) 19.6 x 11.6 in (x2)
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	1159 x 500 x h460 mm 45.6 x 19.7 x h18.1 in	Weight:	24 Kg 55 lb
Fixing kit:	The fixing kit includes 4 threaded rods (0.5 m; M6 metric system)		

ELECTRICAL FEATURES		FRAME	
Type of source: Light output control: Light output range:	LED Dimmable by DALI 0.1-100%	Material: Visible dimensions: Weight:	Powder-coated steel sheet Depending on the configuration 7 kg / 15.4 lb
Power input:	4 channels, 450 mA each channel, 42 Vdc		
Max power consumption:	80W		
Typical power consumption:	80W		
Power supply:	Not included. Suggested power supply: EldoLED SL0563A4 (x2)	Finishing:	White



CoeLux LS Array

Order Code:

CERTIFICATIONS Certifications:

Certification code:

PHOTOMETRIC CURVES

LS_ND_ARRAY_HEAD_CE

CE, CB, PSE

CoeLux LS (Serie 2)

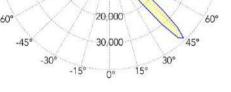
DESCRIPTION

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.

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
	1 577
Melanopic Ratio (Sky):	1,577

-90° -75° 10,000 -60° 20,000





90

75°

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.

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.