

MECHANICAL FEATURES

Device dimensions:	1200 x 600 x h250mm 47.2 x 23.6 x h9.8 in	Sky-light size:	520 x 1070 mm 22.4 x 42.1 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	1200 x 600 x h250 mm 47.2 x 23.6 x h9.8 in	Weight:	50 kg 110 lb
Fixing kit:	The fixing kit is included without threaded rods. Ceiling fasteners are not supplied.		

ELECTRICAL FEATURES

Type of source:	LED
Light output control:	Dimmable by DALI
Light output range:	40-100%
Power input:	2 channels at 24 V DC
Max power consumption:	170W
Typical power consumption:	170W
Power supply:	Not included. Purchasable separately through code HT25_Driver x2 (Mean Well HLG-100H)

FRAME

Material:	Steel
Visible dimensions:	1200 x 600 x h25mm 47.2 x 23.6 x h1.0 in
Weight:	3,8 kg / 8.4 lb
	The frame could be Ceiling mounted PU, or recessed flushed mounted.
Finishing:	White

DESCRIPTION

CoeLux® HT25 is a 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® panel, all housed in a plastic structure. Skylight dimensions: 520 x 1070 mm (22.4 x 42.1 in). Appearance of the sun: visible, slightly frosted. Beam direction: zenith. Appearance of the sky: clear. Frame: included (mandatory for optimal yield). It may also be mounted on normally inflammable surfaces. Inspection hatch: not required.

CERTIFICATIONS

Certifications:	CE, CB, UL
Certification code:	CoeLux HT25
Warranty:	5 years

OPTICAL FEATURES

Total Light Output:	5800 lm
Lumen maintenance (L70B50):	> 50000h
LED CRI (Ra) :	> 92
CCT of transmitted beam:	5300K
CCT of the Sky:	>10000K

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

Beam angle:	Zenith
Divergence (H/V) (without frames, refer to photometric curves)	16°/16°
Sun appearance:	Visible slightly frosted
Sky appearance:	Clear
Melanopic Ratio (Sky):	1,637
Melanopic Ratio (Sun):	0.92

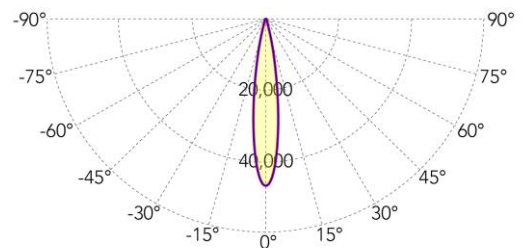
OPERATING CONDITIONS

Min/max operating temperature:	-10 / 40 °C
Max operating relative humidity (no condensing):	95%
IP grade:	IP20

SHIPPING INFORMATION

_ No. 1 Wooden box:
1270x725x545 cm / 50.0x28.5x21.4 in - 95 kg / 198.4 lb

PHOTOMETRIC CURVES



Profiles (cd)
— C0 - C180
— C90 - C270

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.