

### 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:	0.4-100%
Power input:	2 channels at 24 V DC
Max power consumption:	170W
Typical power consumption:	170W
Power supply:	Provided (2x 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

### OPTICAL FEATURES

Total Light Output:	>4600 lm
Lumen maintenance (L90B10):	> 50000h
LED CRI (Ra) :	> 92
CCT of transmitted beam:	5300K
CCT of the Sky:	>10000K

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

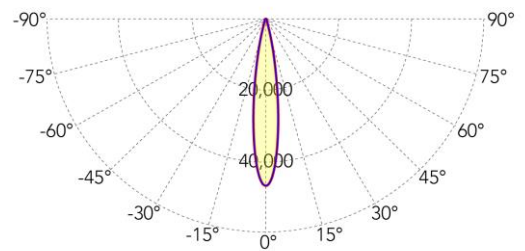
### OPERATING CONDITIONS

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](http://www.coelux.com)

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CoeLux reserves the right to carry out variations to technical details.