hidealite | Elektro Elco AB Tallvägen 5, 564 35 Bankeryd, Sweden
Phone + 46(0)36 290 60 00 | info@elco.se | www.hidealite.com





MOON SLIM SC EM 320

Low-build LED Plafond in slim design with a pleasant uplight that evens out contrasts towards the ceiling or wall. Consists of recycled ocean plastic. Selectable colour temperature via DIP-Switch ColourTemp 3000K or 4000K. Easily installed IP44 luminaire with long lifetime and high lumen output, comes complete with built-in driver; choose between many different control alternatives, selected models (Moon 380, 380S, 320SC, 380SC, 320 Bluetooth, 380 Bluetooth, 320 DALI, 380 DALI) can also be equipped with emergency lights. Comes with screw holes that fit over a ceiling box, two entrances at the bottom, one of which is centred. Cable bushings for surface-mounted cable routing from two sides.

DESCRIPTION

GTIN:	7392971145570
Item Name:	Moon Slim SC EM 320
Warranty:	5 years

LIGHT TECHNICAL DATA

Max. Luminaire Lumen (lm):	1750
Light Source:	LED
Replaceability:	Replaceable LED by professional, Replaceable Control gear by professional
LED Colour:	White
Colour Temperature (K):	3000, 4000
Colour Rendering Index (Ra):	>80
Colour Consistency (SDCM):	3
Luminous Intensity (cd):	475
Beam Angle (°):	120
Light sharing:	Symmetric
Light Outlet:	Direct, Indirect
Number of Lamps (pcs):	1
Number of LED (pcs):	84
Life Time:	L80 100 000h Ta 25°C
Nominel Life Time (h):	100000
Lumen maintenance 50 000h:	L91
Lumen maintenance 75 000h:	L87
Lumen maintenance 100 000h:	L83
LLMF @ 50 000h:	0.91
LLMF @ 100 000h:	0.83
Life Time Driver:	100 000h/10%
Flicker (PstLM):	0,015
Stroboscopic effect (SVM):	0,008

TECHNICAL DATA

Voltage (type):	AC
Voltage Interval (V):	220...240V
Voltage Nominal (V):	230
Line Frequency (Hz):	50
Power LED (W):	16,7
Max. Power Luminaire (W):	21
Max. System Power (W):	21
Max. Efficiency Luminaire (lm/W):	83,3
Max. Efficiency System (lm/W):	83,3
Containing light source energy efficiency class (EU) 2019/2015:	D
Eprel registration number:	1228474

OPERATION AND CONNECTION

Dimmable:	No
Type of Dimming:	Basic light, Microwave Sensor
Driver Included:	Yes
Driver Model:	Constant Current
Driver Type:	Built-in
Connection (type):	Quick Terminal
Connection (mm2):	5x0,5-2,5
Through Wiring:	Yes
Strain Relief:	Yes
Power Factor λ:	0,8
Efficiency (%):	78
Power loss (W):	6,8
Leakage current (mA) (at 230 V, 50 Hz, full load):	0,0073
Constant Current (mA):	350
Operating Temperature:	1849
Max. Tc (°C):	85
Dimming secondary side:	AM
Inrush current (max/time):	3,5A 1600µs
Mains surge protection DM (kV):	0,5
Fuse B10 (pcs):	19
Fuse B16 (pcs):	30
Fuse C10 (pcs):	32
Fuse C16 (pcs):	51
Emergency light operation:	1,5

COLOR AND MATERIAL

Material:	Recycled, Plastic
Color:	White
Environmental Assessment:	Byggvarubedömningen, EPD

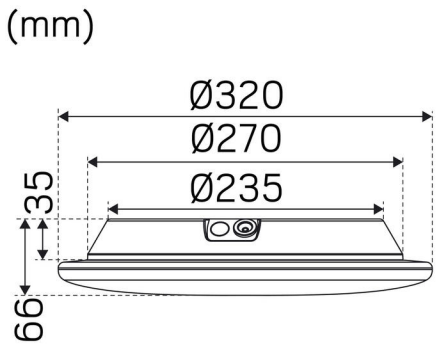
MEASUREMENT AND INSTALLATION

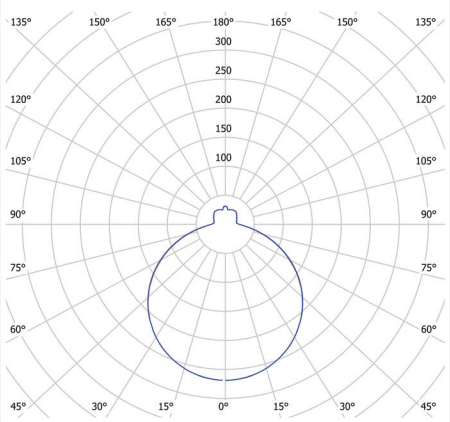
Operating Environment:	Indoor / wet locations
IP Degree of Protection:	44
Protection Class:	II
Installation:	Surface mounted
Mounting Installation:	Screw Mounting
Approval Marks:	CE, a Hide-a-lite Choice
Filament Test IEC 695-2-1(°C):	650
Height (mm):	66
Diameter (mm):	320
Weight (kg):	1,055








(mm)
Ø320
Ø270
Ø235
35
66


135°
150°
165°
180°
165°
150°
135°
300
250
200
150
100
120°
120°
105°
105°
90°
90°
75°
75°
60°
60°
45°
30°
15°
0°
15°
30°
45°