

1606 - Box 1 - matt polycarbonate diffuser

Code: 431635-00

GENERAL INFORMATION



BOX is a family of wall-mounted LED luminaires featuring an essential, contemporary design, created for functional and discreet lighting of pedestrian walkways, outdoor corridors, and connecting paths. The well-controlled light distribution ensures visual comfort and safety, preventing glare and light dispersion. Its compact and robust construction makes BOX suitable for both residential and architectural applications, blending seamlessly and understatedly into any environment.



Article	1606 - Box 1 - matt polycarbonate diffuser
Code	431635-00

DIMENSIONS AND WEIGHT

Length (mm)	304 mm
Width (mm)	143 mm
Height (mm)	166 mm
Weight (Kg)	0.8 kg

INSTALLATION

Recessed dimensions - Length (mm)	157 mm
Recessed dimensions - Width (mm)	297 mm

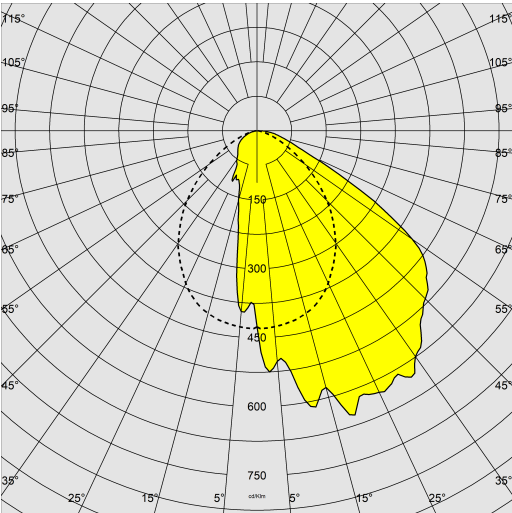
ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD
Power factor	≥0.9
Insulation class	Class II
Controllability	None

1606 - Box 1 - matt polycarbonate diffuser

Code: 431635-00

PHOTOMETRIC DATA



Lighting source	LED
CRI	>80
Luminous flux (output) (lm)	151 lm
Power absorption (total) (W)	4.5 W
CCT	4000 K
Luminous efficacy (lm/W)	34 lm/W
LED flux maintenance	50000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

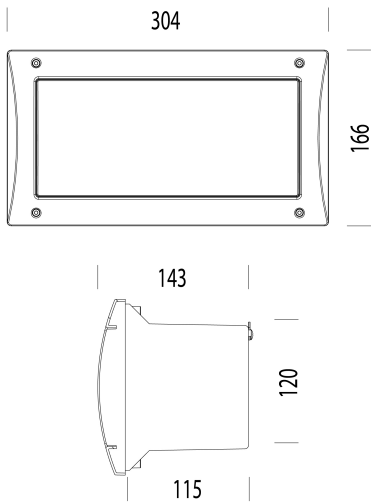
Impact resistance rating (IK)	IK08
IP	65



1606 - Box 1 - matt polycarbonate diffuser

Code: 431635-00

MATERIALS AND COLOURS



Housing	in fibreglass nylon, RAL 7035 grey, shatterproof UV-stabilised, frame in thermoplastic material (for outdoor applications), RAL 7045 grey.
Optics	in fluted aluminium.
Diffuser	in polycarbonate, shatterproof and V2 self-extinguishing, UV stabilised.
Colour	Grey
Equipment	- rubber sealing gasket. - with polycarbonate wiring plate. - built-in driver 50/60Hz.

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Energy Label	C

DOWNLOAD

MOUNTS

AssemblyInstructions 1606-1607-1609 04-23.pdf

DESIGNS

BIM 1606 Box 1 05-23.zip

TechnicalDrawing 1606g.dxf

WARRANTY

After sales warranty	3 yr
----------------------	------

