



## OPTIC BOX I WHITE 3000K

Complete 230V downlight in box-design with reflector technology and phase dimmable driver. With its square design, fits very well in both private and public environments which require a discrete and comfortable general light. Comes in several colour temperatures and Tune. Very good colour rendering, Ra>95. Can be installed under moisture barrier with our Spot Guard Gles. Complete with phase dimmable driver with push-in terminal and screwless strain relief. Dimmable with the most commonly available dimmers on the market. Can be delivered with Converter DALI.

### DESCRIPTION

<b>GTIN:</b>	7392971137452
<b>Item Name:</b>	Optic Box I White 3000K
<b>Warranty:</b>	5 years

### LIGHT TECHNICAL DATA

<b>Max. Luminaire Lumen (lm):</b>	575
<b>Light Source:</b>	LED
<b>Light Source Included:</b>	Yes
<b>Replaceability:</b>	Non-replaceable LED, Replaceable Control gear by professional
<b>LED Colour:</b>	Warm White
<b>Colour Temperature (K):</b>	3000
<b>Colour Rendering Index (Ra):</b>	>95
<b>Colour Consistency (SDCM):</b>	3
<b>Luminous Intensity (cd):</b>	950
<b>Beam Angle (°):</b>	36
<b>Light sharing:</b>	Symmetric
<b>Light Outlet:</b>	Direct
<b>Number of Lamps (pcs):</b>	1
<b>Number of LED (pcs):</b>	1
<b>Life Time:</b>	L90 100000h Ta 25°C
<b>Nominal Life Time (h):</b>	100000
<b>Life Time Driver:</b>	50 000h/10%
<b>Flicker (PstLM):</b>	0,02
<b>Stroboscopic effect (SVM):</b>	0,028

## TECHNICAL DATA

Adjustable:	Yes
Tiltable (°):	25
Rotatable (°):	360
Voltage (type):	AC
Voltage Interval (V):	220...240V
Voltage Nominal (V):	230
Line Frequency (Hz):	50, 60
Power LED (W):	6,5
Max. Power Luminaire (W):	7,5
Max. System Power (W):	7,5
Max. Efficiency Luminaire (lm/W):	76,7
Max. Efficiency System (lm/W):	76,7
Containing light source energy efficiency class (EU) 2019/2015: F	
Eprel registration number:	908246

## OPERATION AND CONNECTION

Dimmable:	Yes
Type of Dimming:	Trailing Edge, Leading Edge
Driver Included:	Yes
Driver Model:	Constant Current
Driver Type:	Stand Alone
Connection (type):	Quick Terminal
Connection (mm <sup>2</sup> ):	3x0,5-2,5
Through Wiring:	Yes
Strain Relief:	Yes
Power Factor $\lambda$ :	0,9
Efficiency (%):	80
Constant Current (mA):	180
Min. Ta (°C):	-20
Max. Ta (°C):	40
Max. Tc (°C):	85
Dimming secondary side:	AM
Protection Against:	Short Circuit, Overheating 110°C, Overload
Fuse B10 (pcs):	55
Fuse B16 (pcs):	85
Fuse C10 (pcs):	90
Fuse C16 (pcs):	140

## COLOR AND MATERIAL

Material:	Aluminium
Color:	White
Environmental Assessment:	Byggsvarubedömningen

## MEASUREMENT AND INSTALLATION

<b>Operating Environment:</b>	Indoor / damp locations
<b>IP Degree of Protection:</b>	21
<b>Protection Class:</b>	II
<b>Installation:</b>	Built-in
<b>Mounting Installation:</b>	Mounting Spring
<b>Ceiling Thickness Interval (mm):</b>	3-26mm
<b>Fire Safety Marks:</b>	Not in insulation without protection cover
<b>Protection Cover:</b>	7466700, 7466701, 7466702
<b>Approval Marks:</b>	CE, SELV
<b>Filament Test IEC 695-2-1(°C):</b>	650
<b>Length (mm):</b>	101
<b>Width (mm):</b>	101
<b>Height (mm):</b>	63
<b>Weight (kg):</b>	0,44
<b>Min. Built-in (mm):</b>	200x200x70
<b>Height Recessed Part (mm):</b>	60
<b>Height Exterior Part (mm):</b>	3
<b>Built-in LxB (mm):</b>	88x88



