



## OPTIC L QUICK ISO BLACK 3000K

Low-build, effective and tiltable downlight, made for installation in 28mm secondary spaced boarding and approved for installation directly against insulation. Modern LED and reflector technology for a high luminous efficacy with distinct and glare-free light distribution with very good colour rendering, Ra>95. An easily installed IP44 luminaire, complete with a phase dimmable driver, 3-pole push-in terminal for through wiring and strain relief for cable or flex hose 16 mm. Dimmable with most common dimmers on the market.

### DESCRIPTION

<b>GTIN:</b>	7392971141435
<b>Item Name:</b>	Optic L Quick ISO Black 3000K
<b>Warranty:</b>	5 years

### LIGHT TECHNICAL DATA

<b>Max. Luminaire Lumen (lm):</b>	640
<b>Light Source:</b>	LED
<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>	>97
<b>Colour Consistency (SDCM):</b>	3
<b>Luminous Intensity (cd):</b>	1060
<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>	h Ta °C
<b>Nominal Life Time (h):</b>	100000
<b>Lumen maintenance 50 000h:</b>	L88
<b>Lumen maintenance 75 000h:</b>	L83
<b>Lumen maintenance 100 000h:</b>	L78
<b>LLMF @ 50 000h:</b>	0.88
<b>LLMF @ 100 000h:</b>	0.78
<b>Life Time Driver:</b>	50 000h/10%
<b>Flicker (PstLM):</b>	0,005
<b>Stroboscopic effect (SVM):</b>	0,013

## TECHNICAL DATA

Adjustable:	Yes
Tilttable (°):	20
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):	85,3
Max. Efficiency System (lm/W):	85,3
Containing light source energy efficiency class (EU) 2019/2015: E	
Eprel registration number:	1102074

## OPERATION AND CONNECTION

Dimmable:	Yes
Type of Dimming:	Trailing Edge, Leading Edge
Driver Included:	Yes
Driver Model:	Constant Current
Driver Type:	Stand Alone
Driver Manufacturer:	Hide-a-lite
Connection (type):	Quick Terminal
Connection (mm <sup>2</sup> ):	3x0,5-1,5
Through Wiring:	Yes
Strain Relief:	Yes
Power Factor $\lambda$ :	0,85
Efficiency (%):	86
Constant Current (mA):	180
Min. Ta (°C):	-20
Max. Ta (°C):	40
Max. Tc (°C):	85
Dimming secondary side:	AM
Protection Against:	Overheating 90°C, Overload
Fuse B10 (pcs):	55
Fuse B16 (pcs):	90
Fuse C10 (pcs):	95
Fuse C16 (pcs):	150

## COLOR AND MATERIAL

Material:	Aluminium
Color:	Black
Environmental Assessment:	Byggarubedömningen

## MEASUREMENT AND INSTALLATION

<b>Operating Environment:</b>	Indoor / bathroom (ceiling area 1), Outdoor
<b>IP Degree of Protection:</b>	44
<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>	Approved for installation against insulation
<b>Protection Cover:</b>	7466700, 7466701, 7466702
<b>Approval Marks:</b>	CE, SELV
<b>Filament Test IEC 695-2-1(°C):</b>	650
<b>Height (mm):</b>	41
<b>Diameter (mm):</b>	95
<b>Weight (kg):</b>	0,262
<b>Min. Built-in (mm):</b>	170x120x38
<b>Height Recessed Part (mm):</b>	38
<b>Height Exterior Part (mm):</b>	3
<b>Built-in Ø (mm):</b>	83-85mm

