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OPTIC G2 L QUICK ISO BLACK 36° 2700K

Downlight made for a sustainable future – easily dismantled via a module system to save time when recycling. Big brother of the Optic family, perfect for high ceilings. Low build, suited for installation in 28mm secondary spaced boarding and directly against insulation. Modern LED and reflector technology with good glare-free light distribution and high lumen output. Tiltable 30°, which also makes it the perfect choice for sloping ceilings. Very good colour rendering, Ra>95. Driver with cover that can be adapted for cable or flex hose 16mm. Comes with 3-pole push-in terminal for through wiring and strain relief. This luminaire is dimmable with the most commonly available dimmers on the market.

DESCRIPTION

GTIN:	7392971146959
Item Name:	Optic G2 L Quick ISO Black 36° 2700K
Warranty:	5 years

LIGHT TECHNICAL DATA

Max. Luminaire Lumen (lm):	610
Light Source:	LED
Replaceability:	Replaceable LED by professional, Replaceable Control gear by professional
LED Colour:	Warm White
Colour Temperature (K):	2700
Colour Rendering Index (Ra):	>98
Colour Consistency (SDCM):	3
Luminous Intensity (cd):	1000
Beam Angle (°):	36
Light sharing:	Symmetric
Light Outlet:	Direct
Number of Lamps (pcs):	1
Number of LED (pcs):	1
Life Time:	L80 100 000h Ta 25°C
Nominel Life Time (h):	100000
Lumen maintenance 50 000h:	L90
Lumen maintenance 75 000h:	L86
Lumen maintenance 100 000h:	L82
LLMF @ 50 000h:	0.9
LLMF @ 100 000h:	0.82
Life Time Driver:	50 000h/10%
Flicker (PstLM):	0,003
Stroboscopic effect (SVM):	0,02

TECHNICAL DATA

Adjustable:	Yes
Tiltable (°):	30
Voltage (type):	AC
Voltage Interval (V):	220...240V
Voltage Nominal (V):	230
Line Frequency (Hz):	50
Power LED (W):	6,5
Max. Power Luminaire (W):	7,5
Max. System Power (W):	7,5
Max. Efficiency Luminaire (lm/W):	81,3
Max. Efficiency System (lm/W):	81,3
Containing light source energy efficiency class (EU) 2019/2015:	E
Eprel registration number:	1102039

OPERATION AND CONNECTION

Dimmable:	Yes
Type of Dimming:	Trailing Edge
Driver Included:	Yes
Driver Model:	Constant Current
Driver Type:	Stand Alone
Driver Manufacturer:	Hide-a-lite
Connection (type):	Quick Terminal
Connection (mm2):	3x0,5-2,5
Through Wiring:	Yes
Strain Relief:	Yes
Power Factor λ:	0,95
Efficiency (%):	80
Power loss (W):	1
Leakage current (mA) (at 230 V, 50 Hz, full load):	0,05
THD (%):	18
Constant Current (mA):	180
Operating Temperature:	-20...+40°C
Max. Tc (°C):	85
Dimming secondary side:	AM
Protection Against:	Short Circuit, Overload
Inrush current (max/time):	2,5A 30µs
Mains surge protection DM (kV):	500
Mains surge protection CM (kV):	1000
Fuse B10 (pcs):	55
Fuse B16 (pcs):	87
Fuse C10 (pcs):	91
Fuse C16 (pcs):	146

COLOR AND MATERIAL

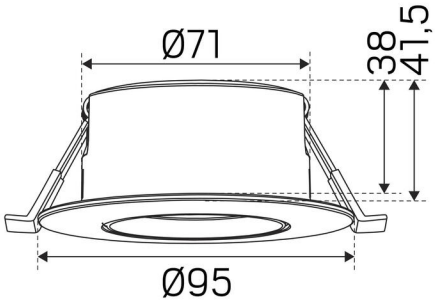
Material:	Aluminium
Color:	Black
Environmental Assessment:	Byggvarubedömningen, EPD

MEASUREMENT AND INSTALLATION

Operating Environment:	Indoor / bathroom (ceiling area 1), Outdoor
IP Degree of Protection:	44
Protection Class:	II
Installation:	Built-in
Mounting Installation:	Mounting Spring
Ceiling Thickness Interval (mm):	3-26mm
Fire Safety Marks:	Approved for installation against insulation
Protection Cover:	7466700, 7466701, 7466702
Approval Marks:	CE, SELV, a Hide-a-lite Choice
Filament Test IEC 695-2-1(°C):	650
Height (mm):	41
Diameter (mm):	95
Weight (kg):	0,222
Min. Built-in (mm):	170x120x38
Height Recessed Part (mm):	38
Height Exterior Part (mm):	3
Built-in Ø (mm):	73-85mm



(mm)



(mm)

