

PLL 27.0500.840.1/DALI



Description

- recessed light field with round design and discreet trim for flush ceiling look and homogeneous lighting for seamless integration in architecture projects
- no UV and thermal emissions
- sheet steel housing with removable LED unit
- opal insert pane made from acrylic glass
- tool-free ceiling mounting via automatic quick clamping (automatic adjustment of the ceiling thickness)
- 5-pole terminal block
- ballast (LED converter) integrated (with DALI dimming)

Notes

Required installation space: D = 659 mm.

Standard options



Special options

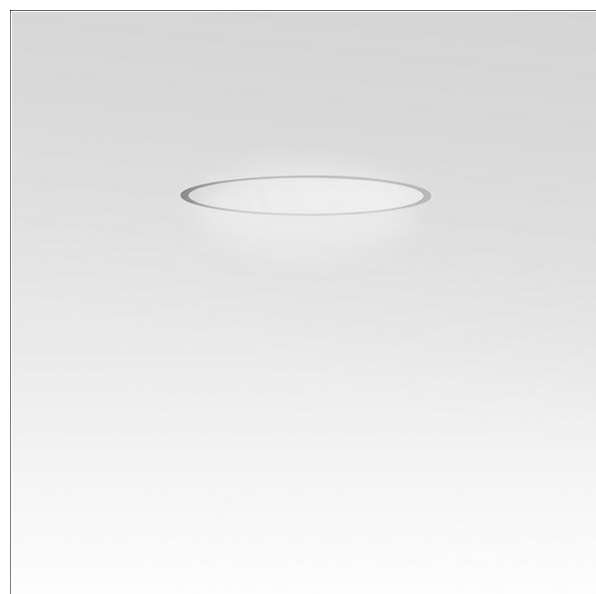


Lighting data / Norms

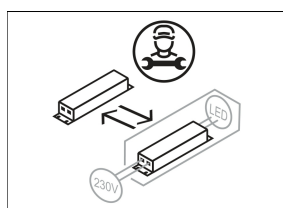
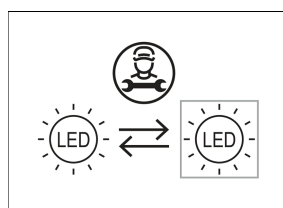
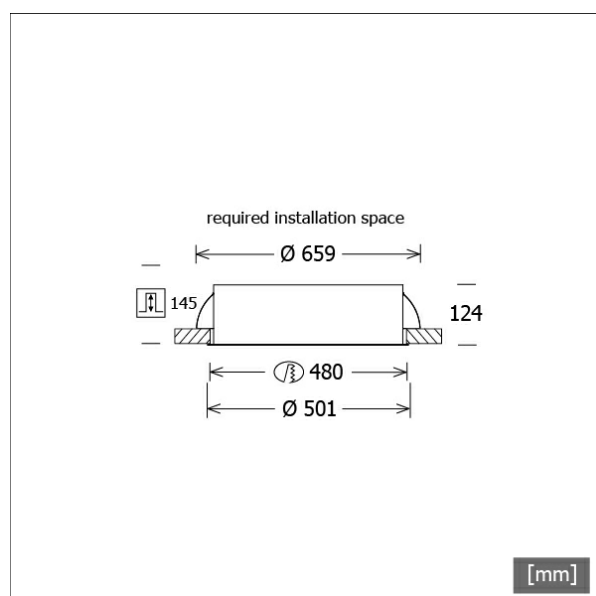
Lamps	LED linear / CRI 80 / 4000 K
EPREL light sources	833873
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	31.4 W
Luminaire luminous flux	3490 lm
System efficiency	111.14 lm/W
Module efficiency	190.00 lm/W
UGR class	≤25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

Dimensions / Weights

Outer diameter	501 mm
Height	124 mm
Cut-out (Ø)	480 mm
Ceiling thickness	10.0 - 30.0 mm
Recessed depth	145 mm
Net weight	5.19 kg
Gross weight	6.22 kg



Colours	Article no.	EAN
silver	634044	4043544360465
white	634045	4043544360472
black	642349	4043544481337

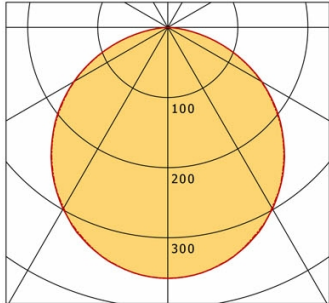


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PL 27 (1xLED 31W 840/4000K 3490lm)

— C0/C180 cd / 1000 lm - - - C90/C270



	C0	C90	C180	C270
0°	358	358	358	358
15°	342	342	342	342
30°	299	297	299	297
45°	234	233	234	233
60°	155	154	155	154
75°	65	64	65	64
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

C0-C180 Plane		C90-C270 Plane	
3.0	8.81 8.71		138.8
6.0	17.62 17.42		34.7
9.0	26.44 26.13		15.4
12.0	35.25 34.84		8.7
15.0	44.06 43.55		5.6

η	LED
Efficiency	113 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	31 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.9
UGR C90/C270	22.8
CIE Flux Codes	48 79 96 100 100
Ra/CRI	>80

LTS

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting