

PLL 59.12562.830.1/DALI



Description

- recessed light field for suspended ceiling systems with visible T profile module (1250 x 625)
- homogeneous lighting surface
- no UV and thermal emissions
- tool-free installation
- outstanding ease of maintenance
- white luminaire housing made from sheet steel
- positioning of the ballast outside on the luminaire body
- luminaire simple plug connection to ballast
- operation possible with or without DALI
- opal acrylic glass
- tool-free insertion into ceiling
- ballast (LED converter) included (with DALI dimming)

Standard options

4000 K

Colours	Article no.	EAN
	633985	4043544359810

Special options

CRI 90
SDCM3

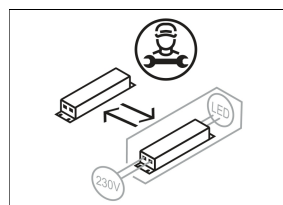
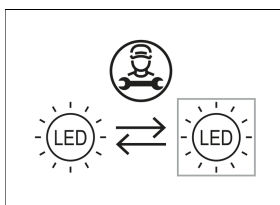
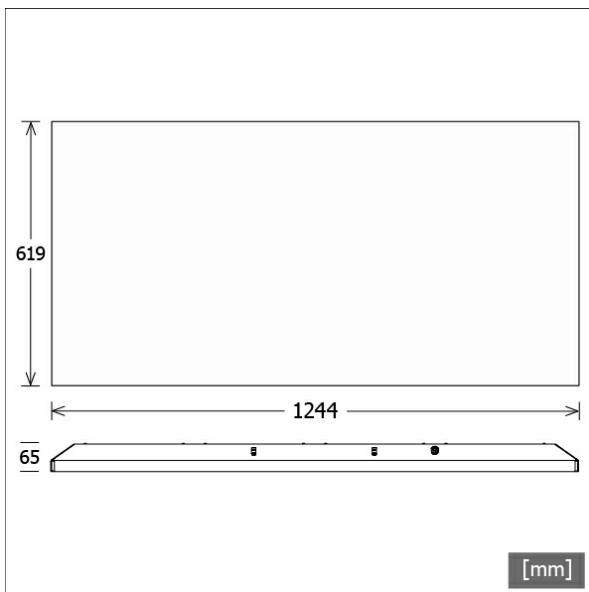
TWL

Lighting data / Norms

Lamps	LED Matrix / CRI 80 / 3000 K
EPREL light sources	832756
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	90.5 W
Luminaire luminous flux	12540 lm
System efficiency	138.56 lm/W
Module efficiency	193.10 lm/W
UGR class	≤22
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

Dimensions / Weights

Length	1244 mm
Width	619 mm
Height	65 mm
Recessed depth	125 mm
Net weight	13.65 kg
Gross weight	18.46 kg

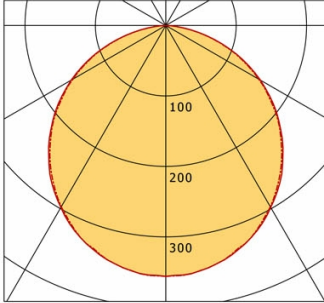


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PL 59 (1xLED 91W 830/3000K 12540lm)

— C0/C180 cd / 1000 lm — C90/C270



	C0	C90	C180	C270
0°	356	356	356	356
15°	341	341	341	341
30°	298	297	298	297
45°	235	232	235	232
60°	155	152	155	152
75°	65	64	65	64
90°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.86	8.69	496.0
6.0	17.73	17.38	124.0
9.0	26.59	26.07	55.1
12.0	35.46	34.76	31.0
15.0	44.32	43.45	19.8

η	LED
Efficiency	138 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	91 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.2
UGR C90/C270	22.1
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