

# PLL 59.12030.830.1/DALI



## Description

- recessed light field for suspended ceiling systems with visible T profile module (1200 x 300)
- 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
	633979	4043544359759

## Special options

CRI 90  
SDCM3

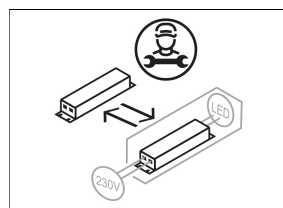
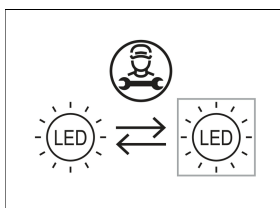
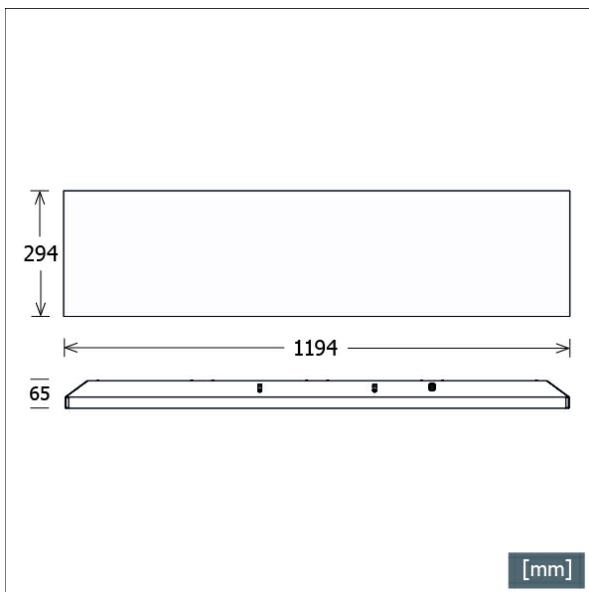


## Lighting data / Norms

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	46.1 W
Luminaire luminous flux	5770 lm
System efficiency	125.16 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	1194 mm
Width	294 mm
Height	65 mm
Recessed depth	125 mm
Net weight	7.06 kg
Gross weight	9.40 kg

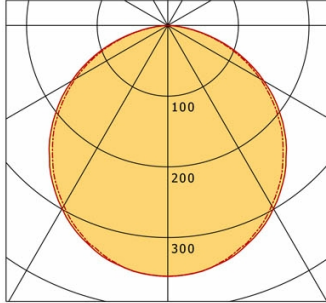


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PL 59 (1xLED 46W 830/3000K 5770lm)

— C0/C180 cd / 1000 lm — C90/C270



	C0	C90	C180	C270
0°	355	355	355	355
15°	341	339	341	339
30°	299	294	299	294
45°	237	230	237	230
60°	157	151	157	151
75°	66	63	66	63
90°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	9.07	8.64	227.5
6.0	18.13	17.28	56.9
9.0	27.20	25.92	25.3
12.0	36.27	34.56	14.2
15.0	45.34	43.20	9.1

<b>η</b>	LED
Efficiency	125 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	46 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.4
UGR C90/C270	22.2
CIE Flux Codes	47 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