

# PLL 59.12562.830.2/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
- microprismatic acrylic glass with white polycarbonate foil
- tool-free insertion into ceiling
- ballast (LED converter) included (with DALI dimming)

## Standard options

4000 K

Colours	Article no.	EAN
	633986	4043544359827

## Special options

CRI 90  
SDCM3

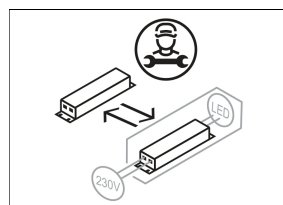
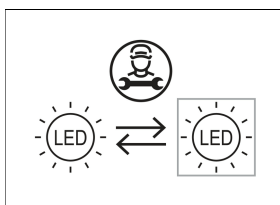
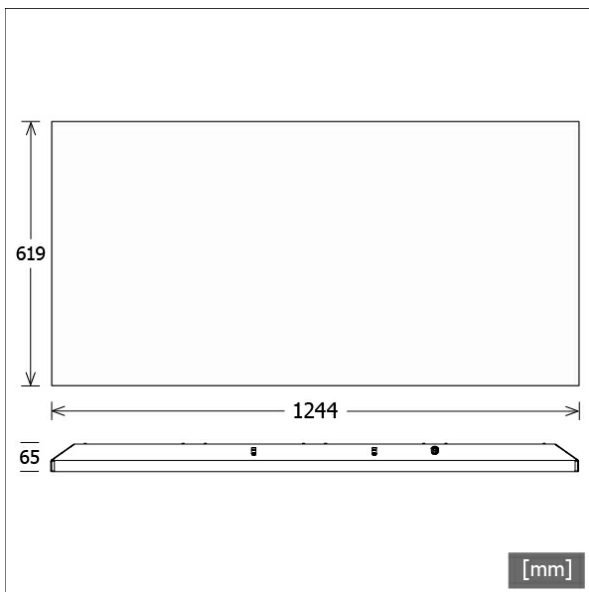
TWL

## 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	10080 lm
System efficiency	111.38 lm/W
Module efficiency	193.10 lm/W
UGR class	≤19
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

## Dimensions / Weights

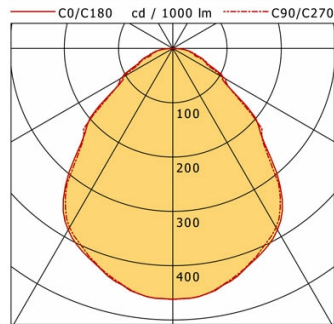
Length	1244 mm
Width	619 mm
Height	65 mm
Recessed depth	125 mm
Net weight	13.65 kg
Gross weight	18.46 kg



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PL 59 (1xLED 91W 830/3000K 10080lm)



	C0	C90	C180	C270
0°	462	462	462	462
15°	439	436	439	436
30°	386	381	386	381
45°	233	232	233	232
60°	107	112	107	112
75°	41	45	41	45
90°	2	1	2	1

cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
3.0	6.07	6.10	517.4
6.0	12.14	12.20	129.4
9.0	18.21	18.30	57.5
12.0	24.28	24.40	32.3
15.0	30.35	30.50	20.7

<b>η</b>	LED
Efficiency	111 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	91 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.3
UGR C90/C270	19.2
CIE Flux Codes	60 86 97 100 100
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