

PLL 59.12060.830.1/DALI



Description

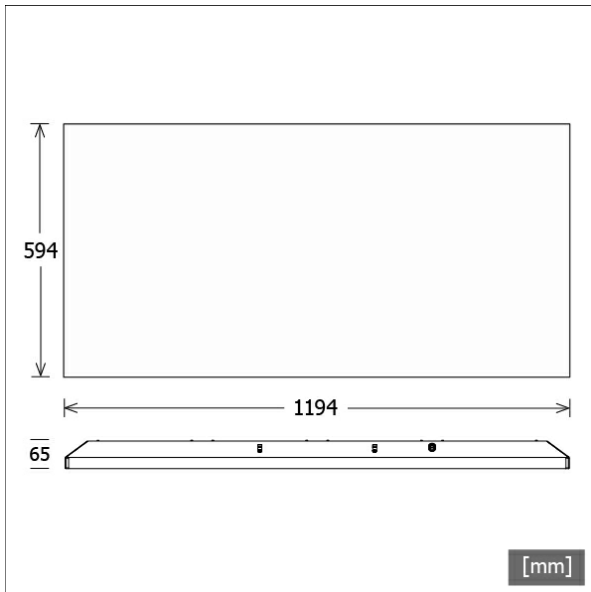
- recessed light field for suspended ceiling systems with visible T profile module (1200 x 600)
- homogeneous lighting surface
- no UV and thermal emissions
- tool-free installation
- outstanding ease of maintenance
- white luminaire housing made from sheet steel
- positioning of the ballast outside 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



Colours	Article no.	EAN
	633981	4043544359773

Special options

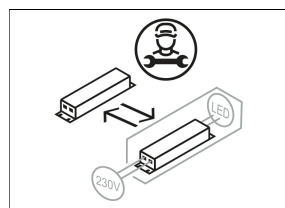
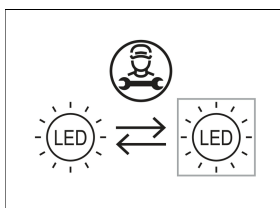


Lighting data / Norms

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	12380 lm
System efficiency	136.79 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	594 mm
Height	65 mm
Recessed depth	125 mm
Net weight	7.06 kg
Gross weight	9.40 kg

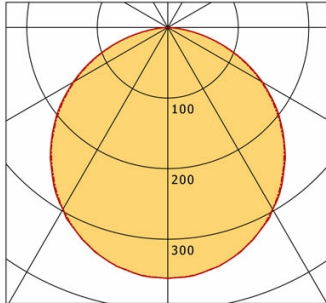


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PL 59 (1xLED 91W 830/3000K 12380lm)

— C0/C180 cd / 1000 lm — C90/C270



	C0	C90	C180	C270
0°	355	355	355	355
15°	340	340	340	340
30°	298	297	298	297
45°	234	233	234	233
60°	155	153	155	153
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	8.89	8.74	488.9
6.0	17.77	17.48	122.2
9.0	26.66	26.22	54.3
12.0	35.54	34.96	30.6
15.0	44.43	43.70	19.6

η	LED
Efficiency	136 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	91 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.4
UGR C90/C270	22.4
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