

PLL 59.12060.830.2/DALI



Description

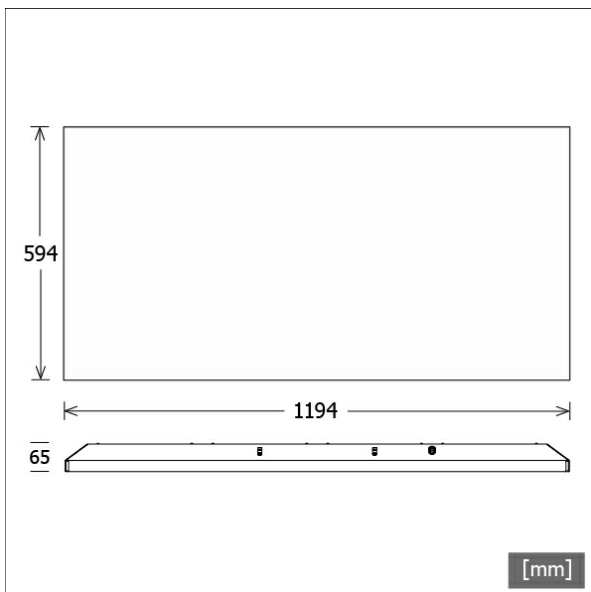
- recessed light field for suspended ceiling systems with visible T profile module (1200 x 600)
- homogeneous lighting surface
- no UV and thermal emissions
- tool-free installation
- outstanding ease of maintenance
- white luminaire housing made from sheet steel
- positioning of the ballast outside on the luminaire body
- luminaire simple plug connection to ballast
- operation possible with or without DALI
- microprismatic acrylic glass with white polycarbonate foil
- tool-free insertion into ceiling
- ballast (LED converter) included (with DALI dimming)

Standard options



Colours	Article no.	EAN
	633982	4043544359780

Special options

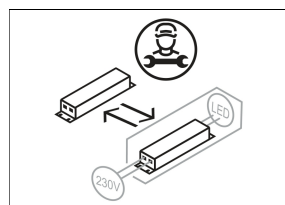
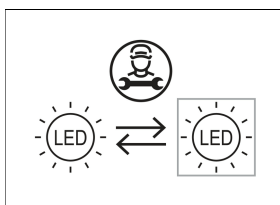


Lighting data / Norms

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	9740 lm
System efficiency	107.62 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

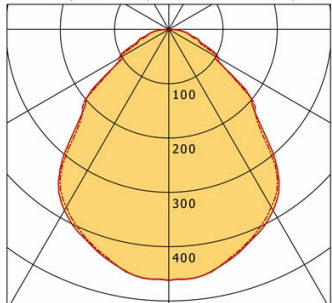


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PL 59 (1xLED 91W 830/3000K 9740lm)

— C0/C180 cd / 1000 lm - - - - C90/C270



	C0	C90	C180	C270
0°	462	462	462	462
15°	438	436	438	436
30°	385	378	385	378
45°	231	227	231	227
60°	99	108	99	108
75°	40	42	40	42
90°	1	1	1	1
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	6.01	5.91	500.0
6.0	12.02	11.82	125.0
9.0	18.03	17.73	55.6
12.0	24.04	23.64	31.2
15.0	30.05	29.54	20.0

η	LED
Efficiency	107 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	91 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.5
UGR C90/C270	19.4
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