



LED PANEL

QL-60 Series

Techlumen QL-60 series LED panels provide a reliable and cost-efficient illumination.

They provide uniform illumination throughout their surface and have a low glare index UGR <19.

They are produced in 4 power versions, 23W with a luminous flux of 2740 lm and up to 36W with a luminous flux up to 4720lm.

Upon selection, they can be ceiling mounted by adding a special frame, or suspended. They have a 5 year warranty.

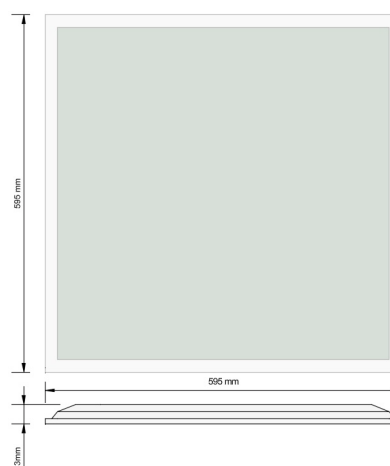
DALI

0-10V

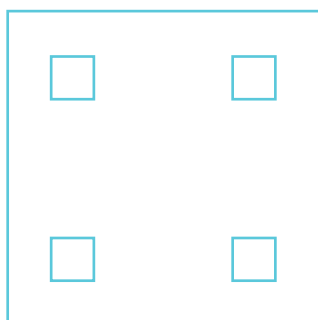
EM 3h

BLUE
TOOTH

Dimensions



Performance Guide



Fixture QL-60-840-33

Illuminance 540lx

Uniformity 0.78

Spacing 2.4m X 2.4m

Maintenance 0.8

Reflectance 70/50/20

Ceiling Height 2.7m

Working plane 0.8m

Pros

- Low working temperature
- It produces little heat compared to other types of lighting
- Requires no maintenance
- Long life - 5 years warranty
- Easy installation
- High reliability
- Excellent performance with low power consumption
- High brightness
- High color rendering
- Instant start - immediate termination
- It does not emit UV or IR radiation
- Does not contain mercury
- Resistance to shock and vibration

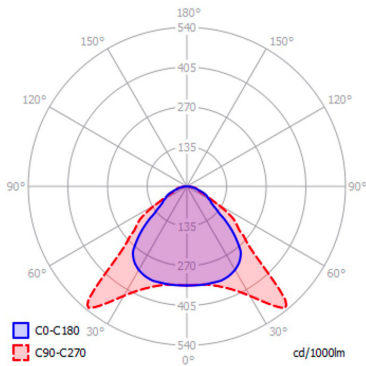
Applications

- Offices
- Retail Stores
- Supermarkets

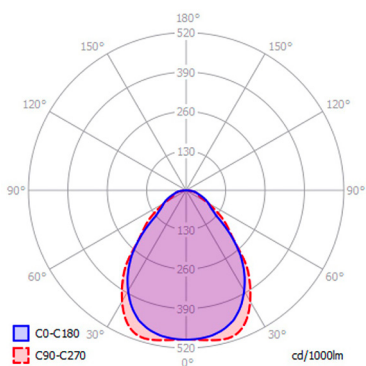


Polar Intensity Diagram

Standard Version



Fire resistant version



Type	QL-60 Series
Luminous Flux	2740 lm - 4720lm
Power	23W- 36W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	117 - 137 lm/W
Power Factor	0,95
CRI	80
CCT	3000K - 6500K
UGR	<19
L80B10	>50000h (40 °C)
IP Rating	IP44
IK Rating	IK06
Body	Steel
Finishing	Powder Coating - White
Dimensions	595mm x 595mm x 33mm 601 x 601 x 43.1 (ceiling mounted)
Weight	0.7 Kg
Warranty	5 years
Compliances:	CE EN 60598-1:2021+A11:2022 EN 60598-2-1:2022 IEC 60598-2-2:2023 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021 EN 61547:2020 EN 55015:2019+A11:2020 EN 62471:2008 IEC/TR 62778:2014 EN 62493:2015+A1:2022 EN 63000:2018 Directive (LVD) Directive (EMC) 2014/30/EU Directive (RoHS) 2011/65/EC Directive (REACH) 2006/1907/EC Directive (EuP) Directive (GPS)

QL-60 Versions					
Watt	Code	CCT	CRI	Lumen	Lm/W
23W	QL-60-830-23	3000	80	2740	119
	QL-60-840-23	4000	80	3150	137
	QL-60-865-23	6500	80	3150	137
27W	QL-60-830-27	3000	80	3180	118
	QL-60-840-27	4000	80	3670	136
	QL-60-865-27	6500	80	3670	136
33W	QL-60-830-33	3000	80	3890	117
	QL-60-840-33	4000	80	4150	126
	QL-60-865-33	6500	80	4150	126
36W	QL-60-830-36	3000	80	4250	118
	QL-60-840-36	4000	80	4720	131
	QL-60-865-36	6500	80	4720	131

AFOI TSIOLAKI & SIA OE G.P.

Industrial Zone of Thessaloniki
Greece

T: +302310 798 335

F: +302310 799 868

e-mail: info@techlumen.gr

www.techlumen.gr



facebook.com/techlumenledlightingen



[@Techlumen](https://twitter.com/Techlumen)



linkedin.com/company/tsiolakis-construction