



## LED PANEL

### QL-60 Series

Techlumen QL-60 series LED panels provide 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 with a luminous flux of up to 4800lm.

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

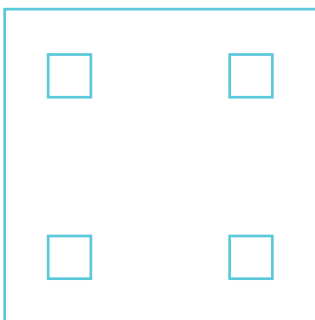
DALI

0-10V

EM 3h

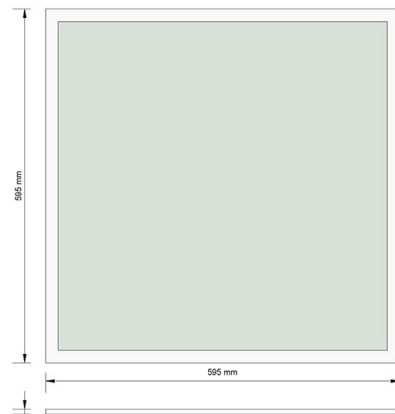
BLUE  
TOOTH

### Performance Guide



Fixture	QL60-840-33
Illuminance	560lx
Uniformity	0.78
Spacing	2.4m X 2.4m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.8m

### Dimensions



### 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

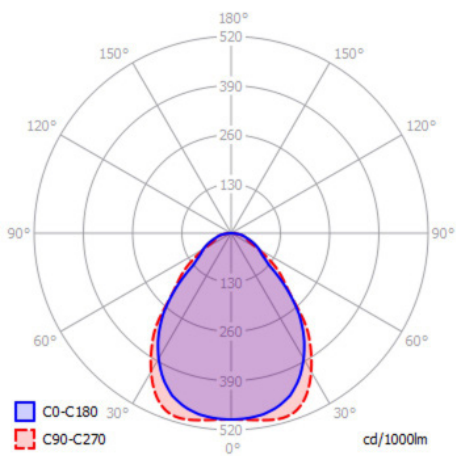
### Applications

- Offices
- Retail Stores
- Supermarkets

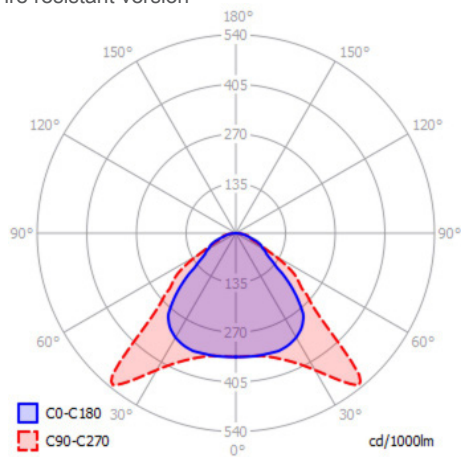


## Polar Intensity Diagram

Standard Version



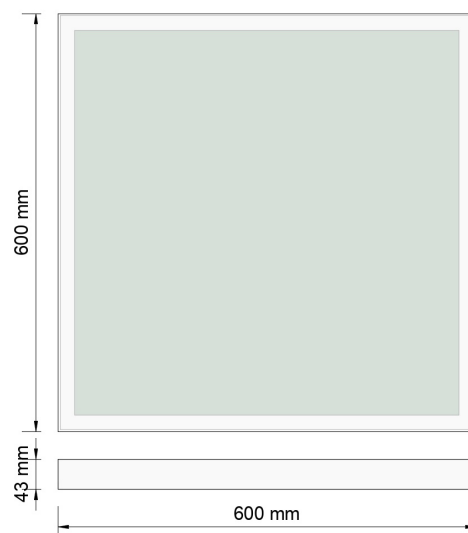
Fire resistant version



Type	QL-60 Series
Luminous Flux	2740 lm - 4800lm
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	>70000h (40 °C)
IP Rating	IP40
IK Rating	IK06
Body	Steel
Finishing	White
Dimensions	595mm x 595mm x 8.5mm
Weight	0.7 Kg
Warranty	5 years
Compliances:	CE EN 60598-1:2008 +A11:2009 EN 60598-2-1 EN 60598-2-2 EN 50581 EN 61000-3-2:2006 + A1:2009 + A2:2009 EN 61547:2009 EN 55015:2006 + A1:2007 +A2:2009 EN 61000-3-3:2008 EN 62471:2008 IEC 62778 EN 62493:2010 Directive (LVD) 2014/35/EU Directive (EMC) 2014/30/EU Directive (RoHS) 2011/65/EC Directive (REACH) 2006/1907/EC Directive (EuP) 2009/125/EC Directive (GPS) 2001/95/EU

QL-60 Versions					
Watt	Code	CCT	CRI	Lumen	Lm/W
<b>23W</b>	QL-60-830-23	3000	80	2740	119
	QL-60-840-23	4000	80	3160	137
	QL-60-865-23	6500	80	3150	137
<b>27W</b>	QL-60-830-27	3000	80	3180	118
	QL-60-840-27	4000	80	3690	136
	QL-60-865-27	6500	80	3670	136
<b>33W</b>	QL-60-830-33	3000	80	3890	117
	QL-60-840-33	4000	80	4170	126
	QL-60-865-33	6500	80	4150	126
<b>36W</b>	QL-60-830-36	3000	80	4250	118
	QL-60-840-36	4000	80	4800	133
	QL-60-865-36	6500	80	4720	131




ceiling mounted



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