

## LED PANEL

### QUDO-2-60 Series

Techlumen QUDO-2 series LED panels provide uniform illumination across the surface.

QUDO-2 reaches efficiency levels up to 176 lm/W.

They can be installed as recessed, mounted or pendant. The frame is made of aluminum and painted with electrostatic powder coating in any color RAL.

QUDO-2 series are modular and can be manufactured in custom dimensions.

They have a 5 years warranty.

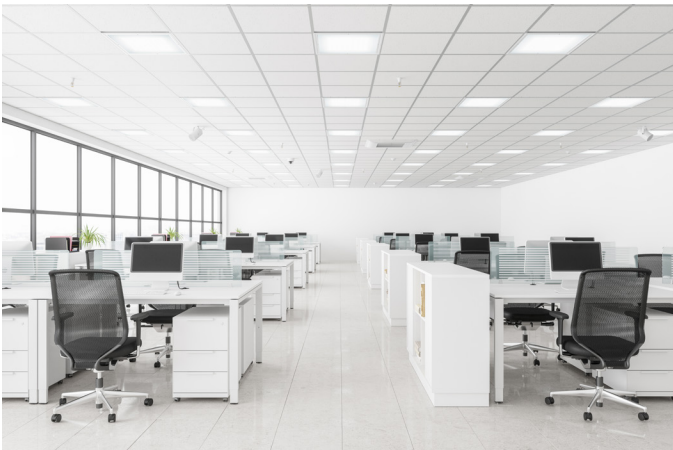
DALI

0-10V

EM 3h

BLUE  
TOOTH

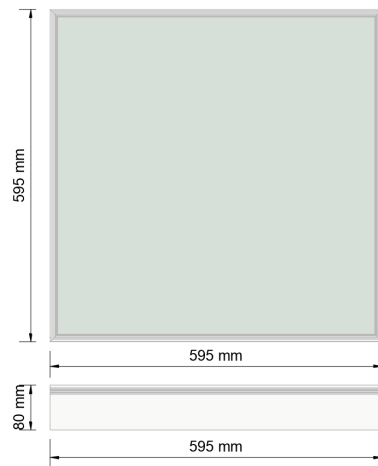
TUNABLE  
CCT



Manufactured in Greece



### 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

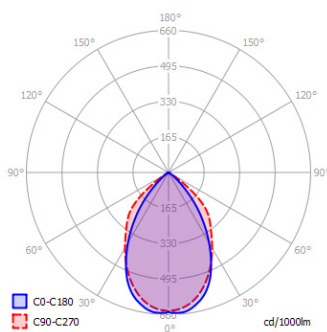
- Offices
- Retail Stores
- Supermarkets

Type	QUDO-2-60 Series
Luminous Flux	3746 lm - 10047 lm
Power	22W - 59W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	164- 176 lm/W
Power Factor	0,95
CRI	>80
CCT	3000K - 4000K
UGR	<19 (microprismatic)
L80B10	>70000h (40°C)
IP Rating	IP54
IK Rating	IK06
Body	Alluminium
Finishing	Powder coating - RAL selection
Dimensions	595mm X 595mm X 80mm
Weight	1.9 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

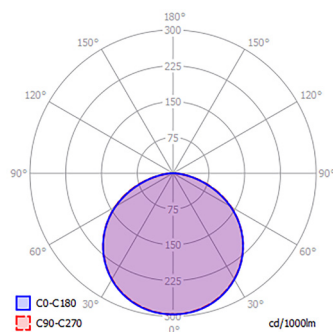
QUDO-2-60 Series Versions					
Watt	Code	CCT	CRI	Lumen	Lm/W
<b>22W</b>	QUDO-2-60-830-22	3000K	80	3746	170
	QUDO-2-60-840-22	4000K	80	3880	176
<b>32W</b>	QUDO-2-60-830-32	3000K	80	5370	167
	QUDO-2-60-840-32	4000K	80	5562	174
<b>45W</b>	QUDO-2-60-830-45	3000K	80	7535	167
	QUDO-2-60-840-45	4000K	80	7804	173
<b>59W</b>	QUDO-2-60-830-59	3000K	80	9701	164
	QUDO-2-60-840-59	4000K	80	10047	170

## Polar Intensity Diagram

MP Version



Standard version








QUDO-2 1100 x 1100 mm

QUDO-2 series are modular and can be manufactured in custom dimensions.



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