



## LED PANEL IP65 Rated

### QUDO-60-AS Series

Techlumen QUDO-60-AS series LED panels are IP65 rated and suitable for installation in clean-zone rooms, for surgeries, chemical, pharmaceutical laboratories, aseptic rooms, sterilized rooms

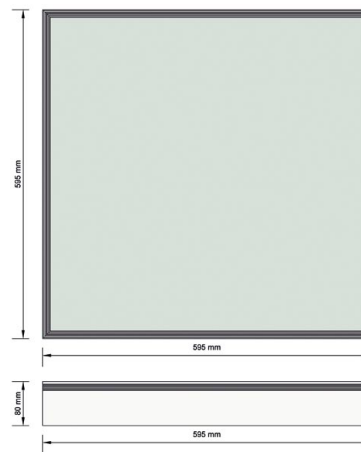
They provide uniform illumination across the surface.

They are produced in 80 CRI or 90 CRI versions.

QUDO-60-AS reaches efficiency levels up to 167 lm/W.

QUDO-60-AS have a 5 years warranty and LM80 > 60000h.

### Dimensions



DALI

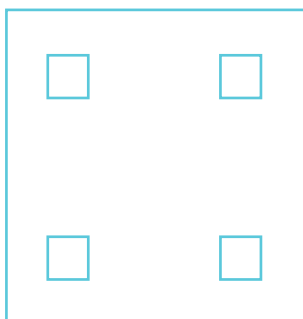
0-10V

Em 3h

BLUE TOOTH

TUNABLE CCT

### Performance Guide



Fixture	QUDO -60-AS-840-44
Illuminance	1025lx
Uniformity	0.88
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

- Clean-zone rooms
- Surgeries
- Aseptic rooms
- Pharmaceutical laboratories
- Chemical laboratories
- Sterilized rooms

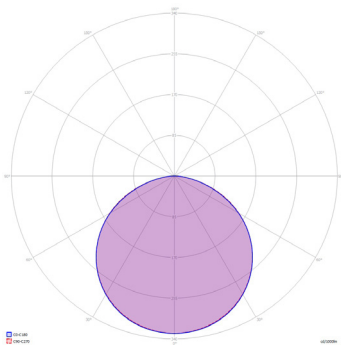
Manufactured in Greece



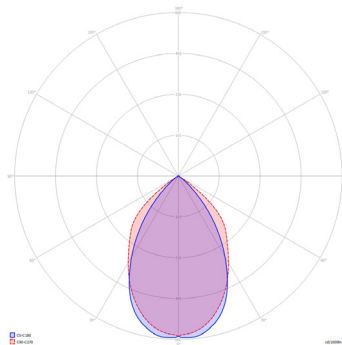


## Polar Intensity Diagram

Opal



Microprismatic - Low UGR






Type	QUDO-AS Series
Luminous Flux	3713 lm - 11265 lm
Power	25W - 65W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	145 - 179 lm/W
Power Factor	0,95
CRI	80 - 90
CCT	3000K - 6500K
UGR	<19 (MPR & <46W)
L80B10	>70000h (40oC)
IP Rating	IP65
IK Rating	IK08
Body	Aluminium
Finishing	Powder coating - RAL selection
Dimensions	595mm X 595mm X 80mm
Weight	3.2 Kg
Warranty	5 years
Compliances	CE EN 60598-1:2021+A11:2022 EN 60598-2-1:2022 EN 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) 2014/35/EU Directive (EMC) 2014/30/EU Directive (RoHS) 2011/65/EC Directive (REACH) 2015/863/EU Directive (GPS) 2015/863/EU Directive (EuP) 2001/95/EC

QUDO-AS Series Versions						
Watt	Code	CCT	CRI	Lumen	Lm/W	
25W	QUDO-60-AS-830-25	3000K	80	4287	171	
	QUDO-60-AS-930-25	3000K	90	3713	148	
	QUDO-60-AS-840-25	4000K	80	4441	177	
	QUDO-60-AS-940-25	4000K	90	3866	154	
	QUDO-60-AS-850-25	5000K	80	4479	179	
45W	QUDO-60-AS-830-45	3000K	80	7535	167	
	QUDO-60-AS-930-45	3000K	90	6526	145	
	QUDO-60-AS-840-45	4000K	80	7804	173	
	QUDO-60-AS-940-45	4000K	90	6795	151	
	QUDO-60-AS-850-45	5000K	80	7872	175	
46W	QUDO-60-AS-830-46	3000K	80	6866	149	
	QUDO-60-AS-840-46	4000K	80	7373	160	
	QUDO-60-AS-850-46	5000K	80	7373	160	
	QUDO-60-AS-865-46	6500K	80	7323	159	
65W	QUDO-60-AS-830-65	3000K	80	10783	166	
	QUDO-60-AS-930-65	3000K	90	9339	143	
	QUDO-60-AS-840-65	4000K	80	11168	172	
	QUDO-60-AS-940-65	4000K	90	9724	150	
	QUDO-60-AS-850-65	5000K	80	11265	173	

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