TOLEDO Flex Prismatisk

A LED

5 YEAR WARRANTY

CE | ROHS | IP20 | IK03 | 200V 240V | IEC EN62471 | IEC EN60598

Product information

TOLEDO Flex Prismatisk er et fleksibelt LED panel der kan justeres i wattage med en dip-switch driver. TOLEDO Flex er et 28W panel ved 700 mA, men kan justeres til lavere eller højere wattage ved justering af mA - max. 40W. TOLEDO Flex kan leveres med on/off driver, DALI 2, 1-10V, Casambi, KOOLMESH 5.0 eller Philips MasterConnect driver. TOLEDO Flex passer i påbygningsramme eller A LED´s ramme til indbyg.

Product data

General Informadon	
Light source type	LED
Number of LED module	2 pcs
Beam angle of LED module	120°
Color temperature	3000K/4000K
CRI	>80
LED module replaceable	Yes, only by professionals
Number of LED driver	1 unit
Driver included	Yes
L90 lifetime of LED module	50,000 hrs
L80 lifetime of LED module	100,000 hrs
LED module lumen	135lm/W
Operaring and Electrical	
Input Voltage	200-240 Vac
Input frequency	50 to 60 Hz
System wattage	28W (justerbar på driver til max. 36W)
Power factor	please refer to driver
Surge protection	please refer to driver
Ambient temperature range	-20°C to + 40°C
Performance ambient temperature Tq	+25°C
SDCM	<3 steps
Optical type	Mikroprismatisk

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Control and dimming	please refer to driver
Connection type	2 pole connector
Protection class IEC	Safety class II
Glow-wire test	Temperature 850°C
UGR	<19
PstLM	please refer to driver
SVM	please refer to driver
CE Mark	Yes - ENEC
EU RoHS compliant	Yes
Net weight (piece)	2.34Kg
Dimension	
Overall length	595mm
Overall width	595mm
Overall height	10 mm
Mechanical and Housing	
Housing material	AL
Optical material	PMMA (LGP)
Housing color	RAL9016
Heatsink material	AL
Ingress protection code	IP20
Meeh, impact protection code	IK03
Remarks	
LED driver failure rate at 50,000hrs@25℃	please refer to driver
Power consumption tolerance	±5%

Specifications

Varenummer	LED Module Wattage*	Length mm	Width mm	Height mm	CCT (Kelvin)*	Rated Flux (Lm) *	CRI (Ra)*	Beam angle*	Energy Class	Dimming technology
570401470100	28	595	595	10	3000	3640	80	120°	E	NO
570401470200	28	595	595	10	4000	3780	80	120°	E	NO

* Due to the special conditons of the manufacturing processes of LED, the typical data of technical parameters can only relfect statistical figures and do not necessarily correspond to the actual parameters of each

single product wihch could differ from the typical value. A max 10% tolerance is deemed to be acceptable in any case.

* 6500K version also available upon request.

Dimension drawings
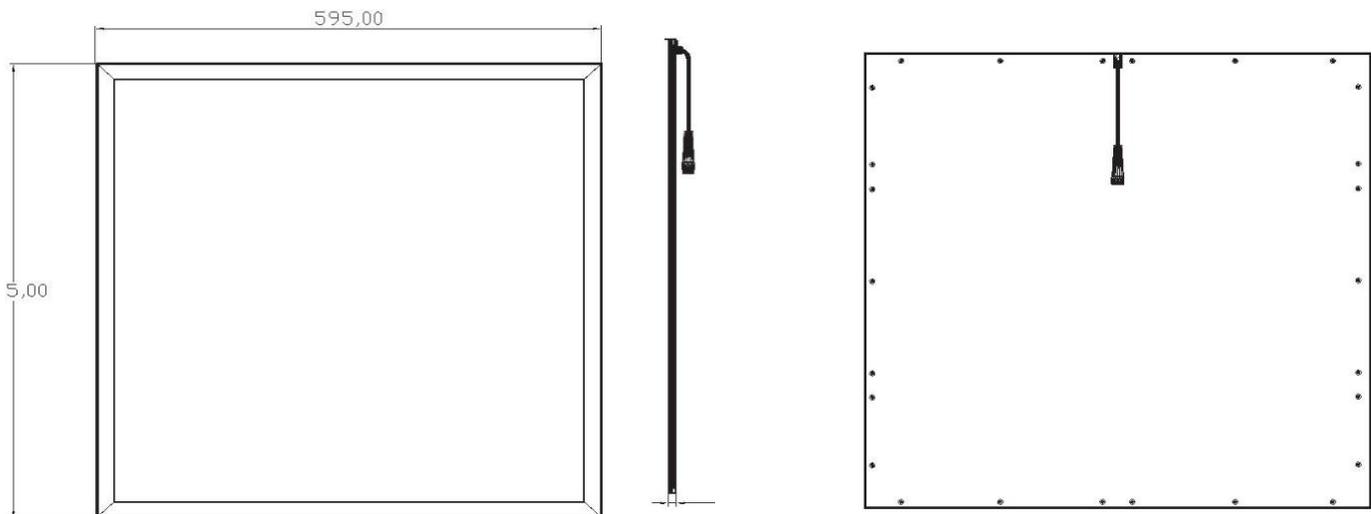
UGR(Unified Glare Rating) Table

NAME: Toledo Flex Prismatisk 28W		TYPE:		WEIGHT:
SPEC.:		DIM.:		SERIAL No.:
MFR.:		SUR.:		Shielding Angle:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	13.4	14.7	13.7	15.0	15.2	13.7	15.0	14.0	15.2	15.5
3H	14.4	15.6	14.7	15.9	16.1	14.6	15.9	15.0	16.1	16.4
4H	14.9	16.0	15.2	16.3	16.6	15.2	16.3	15.5	16.6	16.9
6H	15.3	16.4	15.7	16.7	17.1	15.7	16.8	16.0	17.1	17.4
8H	15.5	16.6	15.9	16.9	17.2	15.9	17.0	16.3	17.3	17.6
12H	15.7	16.7	16.1	17.0	17.4	16.1	17.1	16.5	17.5	17.8
4H 2H	13.8	15.0	14.2	15.3	15.6	14.0	15.2	14.4	15.5	15.8
3H	15.0	16.0	15.4	16.4	16.7	15.3	16.3	15.7	16.6	17.0
4H	15.7	16.6	16.1	17.0	17.4	16.0	16.9	16.4	17.2	17.6
6H	16.3	17.2	16.8	17.5	17.9	16.7	17.5	17.1	17.9	18.3
8H	16.6	17.4	17.0	17.8	18.2	17.0	17.7	17.4	18.1	18.6
12H	16.8	17.5	17.3	17.9	18.4	17.3	18.0	17.7	18.4	18.9
8H 4H	16.0	16.8	16.5	17.2	17.6	16.3	17.0	16.7	17.4	17.9
6H	16.9	17.5	17.4	18.0	18.4	17.2	17.8	17.6	18.2	18.7
8H	17.3	17.8	17.8	18.3	18.8	17.6	18.2	18.1	18.6	19.1
12H	17.6	18.1	18.1	18.6	19.1	18.1	18.6	18.6	19.0	19.6
12H 4H	16.1	16.8	16.5	17.2	17.6	16.3	17.0	16.8	17.4	17.9
6H	17.0	17.6	17.5	18.0	18.5	17.3	17.8	17.8	18.3	18.8
8H	17.5	18.0	18.0	18.5	19.0	17.8	18.3	18.3	18.8	19.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+0.3 / -0.4					+0.3 / -0.3				
1.5H	+0.1 / -0.3					+0.1 / -0.2				
2.0H	+0.4 / -0.5					+0.5 / -0.4				