

TOLEDO Prismatic Tunable



Product information

The TOLEDO Prismatic Tunable mainly used in indoor lighting, office lighting, indoor lighting and commercial lighting, 36W, 130 Lm/w (with different wattage are available).

The panel can be matched with connector box, make the installation easy and fast to save labor cost.

Features

- * Micro-Prismatic diffuser with UGR<19
- * Rigid AL6063 Frame with Double-side welding
- * Tunable White dimming by DALI+PUSH
- * RAL9016 standard color, anti-corrosion
- * Safety class I, flicker free
- * Dimming range 1 to 100%

Product data

General Informadon

Light source type	LED
Number of LED module	2 pcs
Beam angle of LED module	120°
Color temperature	2700K-6500K
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	4212lm-4680 lm
Operaring and Electrical	
Input Voltage	200-240 Vac
Input frequency	50 to 60 Hz
System wattage	36W
Power factor	0.95
Surge protection	2 kV (L/N-Ground)
Ambient temperature range	-20°C to + 40°C
Performance ambient temperature Tq	+25°C
SDCM	3 steps
Optical type	Diffuser

Control and dimming Tunable White dimming by DALI+PUSH

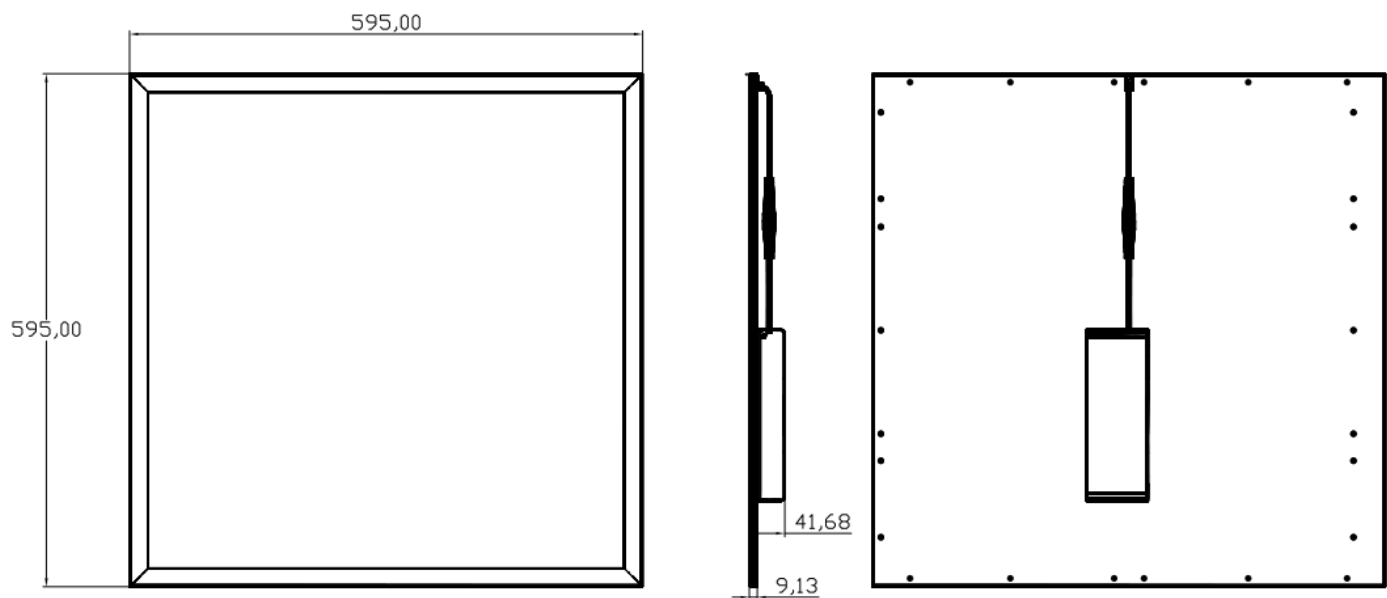
Connection type	5 pole connector
Protection class IEC	Safety class I
Glow-wire test	Temperature 850°C
UGR	19
PstLM	please refer to driver
SVM	please refer to driver
CE Mark	Yes
EU RoHS compliant	Yes
Net weight (piece)	2.34Kg
Dimension	
Overall length	595mm
Overall width	595mm
Overall height	10 mm
Mechanical 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°C	5%
Power consumption tolerance	±5%

Specifications

Varenummer	LED Module			CCT (Kelvin)*	Rated Flux (Lm) *	CRI (Ra)*	Beam angle*	Energy Class	Dimming technology	
	Wattage*	Length mm	Width mm							
570401490101	36	595	595	10	2700K-6500K	4212lm-4680lm	80	120°	E	DALI+PUSH

* Due to the special conditons of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical value. A max 10% tolerance is deemed to be acceptable in any case.

Dimension drawings



UGR(Unified Glare Rating) Table

NAME: Toledo Flex Tunable(2X2) 36W	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	15.6	17.0	15.9	17.2	17.4	15.1	16.4	15.3	16.6	16.8
	3H	16.9	18.1	17.1	18.3	18.6	16.2	17.5	16.5	17.7	18.0
	4H	17.4	18.6	17.7	18.9	19.1	16.9	18.1	17.2	18.3	18.5
	6H	18.0	19.1	18.3	19.4	19.6	16.9	18.1	17.3	18.3	18.6
	8H	18.2	19.3	18.5	19.5	19.8	16.9	18.0	17.2	18.2	18.5
	12H	18.4	19.4	18.7	19.7	20.0	16.8	17.9	17.2	18.2	18.5
4H	2H	15.8	17.0	16.1	17.2	17.5	15.3	16.5	15.6	16.7	17.0
	3H	17.2	18.2	17.5	18.5	18.8	16.7	17.7	17.0	18.0	18.3
	4H	17.9	18.8	18.3	19.2	19.5	17.5	18.4	17.9	18.8	19.1
	6H	18.6	19.5	19.0	19.8	20.2	17.6	18.5	18.0	18.8	19.2
	8H	18.9	19.7	19.3	20.1	20.4	17.6	18.4	18.0	18.7	19.1
	12H	19.2	19.9	19.6	20.3	20.7	17.5	18.3	18.0	18.6	19.0
8H	4H	18.1	18.8	18.5	19.2	19.6	17.7	18.5	18.1	18.8	19.2
	6H	19.0	19.6	19.4	20.0	20.4	17.9	18.5	18.3	18.9	19.4
	8H	19.4	20.0	19.9	20.4	20.8	17.9	18.4	18.3	18.8	19.3
	12H	19.8	20.2	20.2	20.7	21.2	17.8	18.3	18.3	18.7	19.2
12H	4H	18.0	18.8	18.5	19.1	19.5	17.7	18.4	18.2	18.8	19.2
	6H	19.0	19.5	19.4	20.0	20.4	17.9	18.5	18.4	18.9	19.4
	8H	19.4	19.9	19.9	20.3	20.8	17.9	18.4	18.4	18.8	19.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4					+ 0.4 / - 0.5				
1.5H		+ 0.2 / - 0.2					+ 0.2 / - 0.5				
2.0H		+ 0.8 / - 0.6					+ 0.5 / - 0.7				

CIE Pub.117 Corrected 4189 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)