

TOLEDO Connect SNS212 30x120



Product informaton

The TOLEDO Connect SNS212 is the smartest LED panel, which combine with daylight sensing & PIR sensing, multiple function to create enjoyable lighting environment in office, school, hospital...

Our solutions are designed for simplicity at every touchpoint – from ordering, integrating components, commissioning and installation, to day-to-day use and ongoing maintenance. ALED innovations are connectivity ready right now.

Features

- * Integrated occupancy (PIR) and daylight
- * PHILIPS SR SNS212
- * DALI-2 certified
- * Flicker-free dimming
- * Works with DALI
- * Spare parts available upon request
- * 100.000 hours lifespan

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	4350 lm

Operaring and Electrical

Input Voltage	200-240 Vac
Input frequency	50 to 60 Hz
System wattage	30W
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	PHILIPS Master Connect
Connection type	5 pole connector
Protection class IEC	Safety class II
Glow-wire test	Temperature 850°C
UGR	19
PstLM	<1
SVM	<0.4
CE Mark	Yes
EU RoHS compliant	Yes
Net weight (piece)	2.75Kg

Dimension

Overall length	295mm
Overall width	1195mm
Overall height	12.5 mm

Mechanical and Housing

Housing material	AL
Optical material	PMMA(LGP)
Housing color	RAL9016
Heatsink material	Al
Ingress protection code	IP20
Meesh, impact protection code	IK03

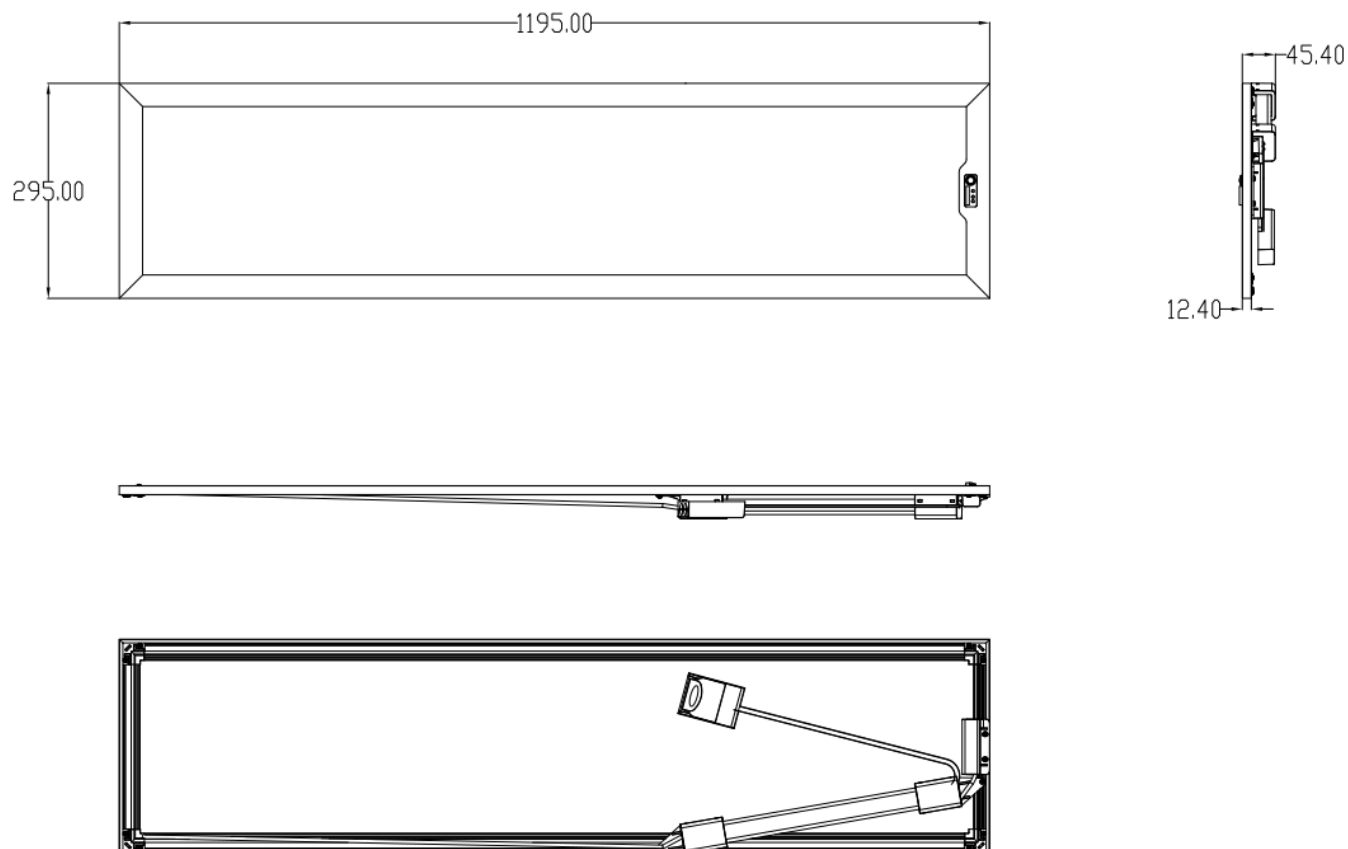
Remarks

LED driver failure rate at 50,000hrs@25°C	5%
Power consumption tolerance	±5%

Specificatfons

Varenummer	LED Module Wattage*	Length mm	Width mm	Height mm	CCT (Kelvin)*	Rated Flux (Lm) *	CRI (Ra)*	Beam angle*	Energy Class	Dimming technology
570402123012	30	295	1195	12.5	3000K/4000K	4350	80	120°	D	PHILIPS Master Connect

Dimension drawings



UGR(Unified Glare Rating) Table

NAME: TOLEDO Connect SNS212 30X120 30W	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	15.3	16.7	15.6	16.9	17.1	15.5	16.8	15.7	17.0	17.2
	3H	16.2	17.4	16.5	17.7	17.9	16.6	17.8	16.9	18.1	18.3
	4H	16.7	17.9	17.0	18.1	18.4	17.2	18.4	17.5	18.6	18.9
	6H	17.2	18.3	17.5	18.5	18.8	17.3	18.4	17.6	18.7	18.9
	8H	17.3	18.4	17.6	18.7	18.9	17.2	18.3	17.6	18.6	18.9
	12H	17.4	18.5	17.8	18.7	19.0	17.2	18.2	17.5	18.5	18.8
4H	2H	15.7	16.9	16.0	17.1	17.3	15.8	17.0	16.1	17.2	17.5
	3H	16.9	17.9	17.2	18.2	18.5	17.0	18.1	17.4	18.4	18.7
	4H	17.6	18.5	18.0	18.8	19.2	17.8	18.8	18.2	19.1	19.4
	6H	18.2	19.0	18.6	19.4	19.7	18.0	18.8	18.3	19.1	19.5
	8H	18.4	19.2	18.8	19.6	19.9	17.9	18.7	18.3	19.0	19.4
	12H	18.6	19.3	19.0	19.7	20.1	17.9	18.6	18.3	19.0	19.4
8H	4H	17.9	18.6	18.3	19.0	19.4	18.1	18.9	18.5	19.2	19.6
	6H	18.7	19.3	19.2	19.7	20.2	18.3	18.9	18.7	19.3	19.7
	8H	19.0	19.6	19.5	20.0	20.5	18.2	18.8	18.7	19.2	19.7
	12H	19.3	19.7	19.7	20.2	20.7	18.2	18.7	18.7	19.1	19.6
12H	4H	17.9	18.6	18.3	18.9	19.3	18.1	18.8	18.5	19.2	19.6
	6H	18.7	19.3	19.2	19.7	20.1	18.3	18.9	18.8	19.3	19.8
	8H	19.1	19.5	19.5	20.0	20.5	18.3	18.8	18.8	19.2	19.7
Variations with the observer position at spacings:											
S = 1.0H		+ 0.4 / - 0.5					+ 0.3 / - 0.4				
1.5H		+ 0.2 / - 0.6					+ 0.3 / - 0.5				
2.0H		+ 0.6 / - 1.1					+ 0.9 / - 1.2				

CIE Pub.117 Corrected 4133 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.9)