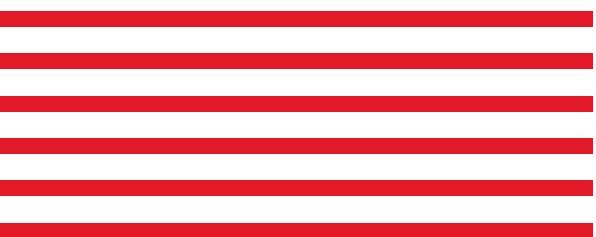


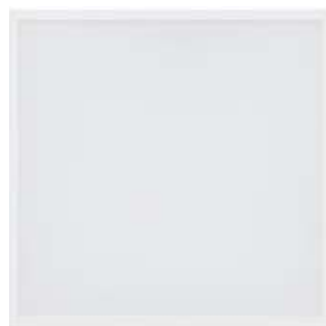
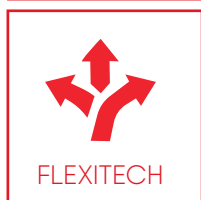
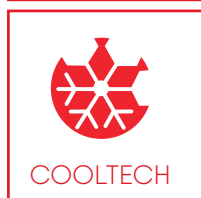
PANEL LIGHTS



POLAR TRES EKO

LED TRI-COLOR BACKLIT PANEL LIGHTS

REPLACING TWIN TUBES FLUORESCENT FITTINGS



APPLICATIONS

Our New design LED panel lights are a direct replacement for the energy consuming 86W twin T8 fluorescent fittings. They can be embedded in ceilings, surface mounted or suspended from the ceiling. They are versatile and engineered for consistent output with minimum glare.

FEATURES & BENEFITS

- Premium acrylic minimises lighting degradation.
- High luminous efficacy of 110lm/W for additional energy savings.
- 3000°K/4000°K/5000°K switchable.
- Revolutionary design to lower the cost with high quality.

	6x3	6x6	12x3	12x6
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GENERAL

Model Number	POLAR-TRES-EKO-6x3-16W	POLAR-TRES-EKO-6x6-26W	POLAR-TRES-EKO-12x3-26W	POLAR-TRES-EKO-12x6-47W
Dimensions (mm)	595x295x32	595x595x32	1195x295x32	1195x595x32
Weight	1.1KG	2.0KG	2.3KG	4.3KG
Sail Area	N/A			
Category	Panel Lights			
Lifetime(L70)	Reported: >36,000hrs & Calculated: Up to 84,000hrs			
IP & IK Rating	IP40			
Warranty	5 years			
Cable & Plug	1.2m AC Cable & plug			
Storage Temperature	-20 ~ 65°C			
Operating Temperature	-20 ~ 45°C			

OPTICAL

Beam Angle	110°			
Light Output at 4000°K	1760lm	2860lm	2860lm	5170lm
LED Colour Temperature	Tri colour - 3000°K/4000°K/5000°K			
LED Type	RUNLITE T2835			
Luminous Efficacy	110lm/W			
Colour Rendering Index	>80			

ELECTRICAL

Driver Model Number	LF-GIRO22YM0400H	LF-GIRO30YM650H	LF-GIRO30YM650H	LF-GIRO50YM1200H
Input Voltage	220-240 VAC, 50/60Hz			
Power Factor	>0.9			
Inrush Current	<60A / 350uS@230Vac			
Output Voltage	36Vdc			
Output Current	0.4A	0.65A	0.65A	1.2A
Dimming	Non-Dimmable			
Sensor Capability	No			

COMPLIANCE



AS/NZS 60598.1
AS/NZS 60598.2

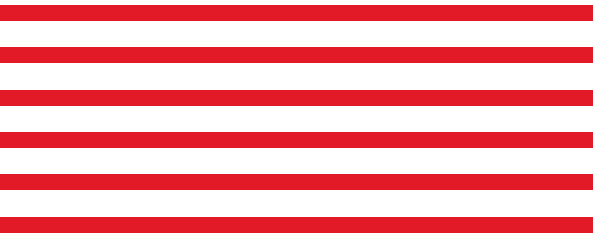
ISO 9001



ORDERING

Panel Polar Tres Eko 6x3 3C ND	9343907004210
Panel Polar Tres Eko 6x6 3C ND	9343907004211
Panel Polar Tres Eko 12x3 3C ND	9343907004212
Panel Polar Tres Eko 12x6 3C ND	9343907004213

PANEL LIGHTS

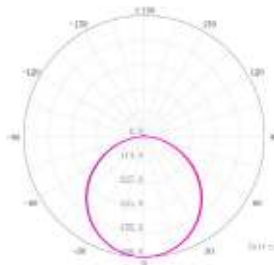


POLAR TRES EKO

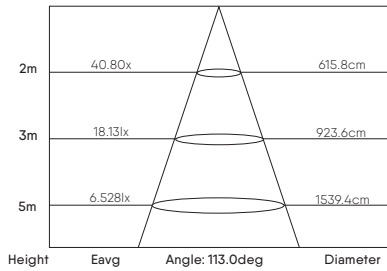
LED TRI-COLOR BACKLIT PANEL LIGHTS

LUMINOUS INTENSITY DISTRIBUTION FOR PANEL LIGHTS

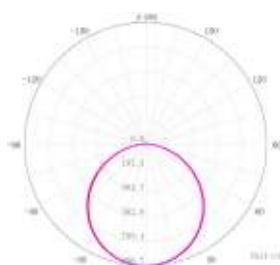
16W/6x3/UGR<22



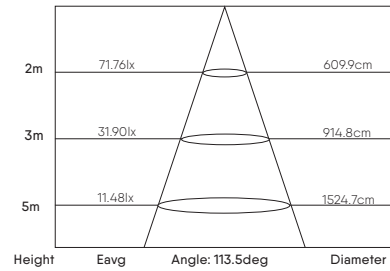
Total Flux: 1680lm



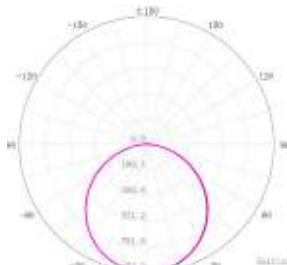
26W/6x6/UGR<22



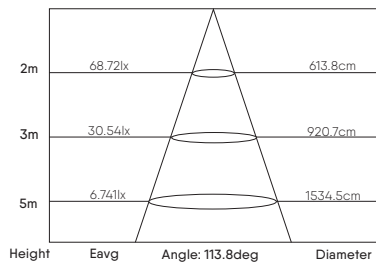
Total Flux: 2931lm



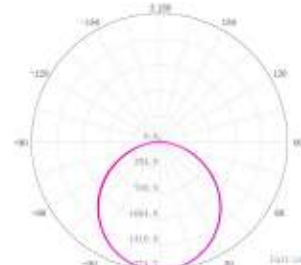
26W/12x3/UGR<22



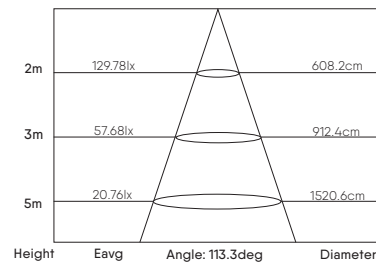
Total Flux: 2834.6lm



47W/12x6/UGR<22

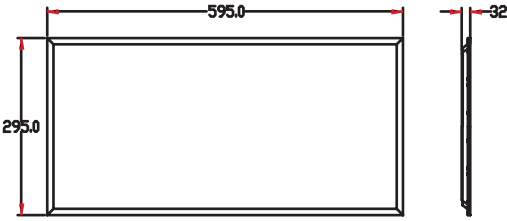


Total Flux: 5280.83lm

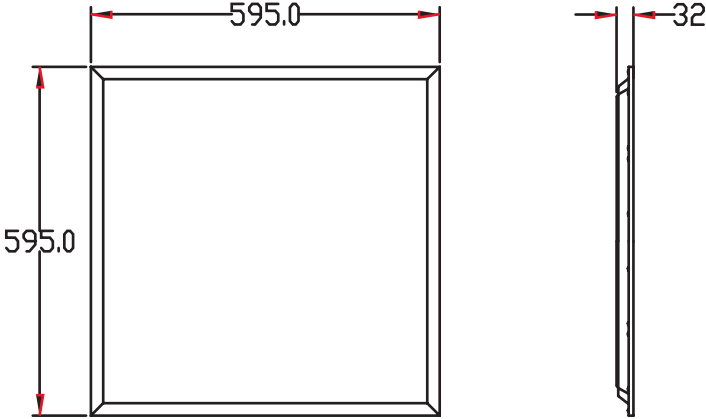


DIMENSIONAL DRAWINGS

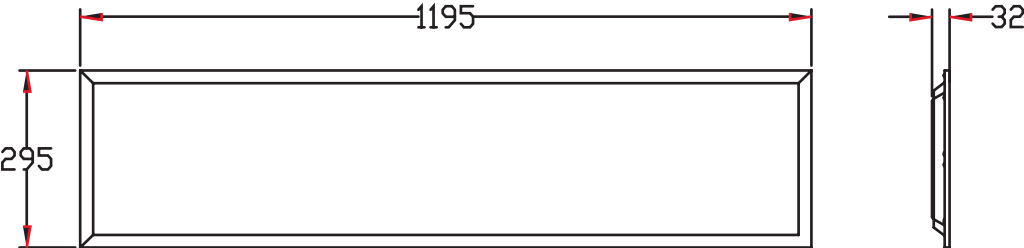
POLAR TRES EKO 6x3



POLAR TRES EKO 6x6



POLAR TRES EKO 12x3



POLAR TRES EKO 12x6

