

POLAR EDU

PANEL LIGHT FOR SCHOOLS

REPLACING TWIN TUBES FLUORESCENT FITTINGS



EXTERNAL INVENTRONICS
CLO DRIVER

APPLICATIONS

POLAR EDU is perfect for Educational lighting applications in classrooms that require more light output and lower UGR.

POLAR EDU is specially designed to meet Educational Facilities Standards and Guidelines.

FEATURES & BENEFITS

- High lumen output of 4620lm, produce 50% more light.
- High luminous efficacy of 110lm/W for additional energy savings
- High quality PMMA diffuser ensures ultimate light distribution and resists discolouration due to heat or UV
- UGR<19 ,non-flickering and constant light output feature to provide the most comfortable lighting environment

GENERAL

Model Number	POLAR-EDUI-12x3-42W
Dimensions (mm)	1195x295x10
Weight	4 KG
Sail Area	N/A
Category	Panel Lights
Lifetime(L70)	Reported: >54,000hrs & Calculated: Up to 73,000hrs
IP & IK Rating	IP44/IK02
Warranty	5 years
Cable & Plug	1.2m AC Cable & plug
Storage Temperature	-20°C ~ 70°C
Operating Temperature	-20°C ~ 50°C

OPTICAL

Beam Angle	90°
Light Output at 4000°K	4620lm
LED Colour Temperature	4000K
LED Type	SMD4014
Luminous Efficacy	110lm/W
Colour Rendering Index	>80

ELECTRICAL

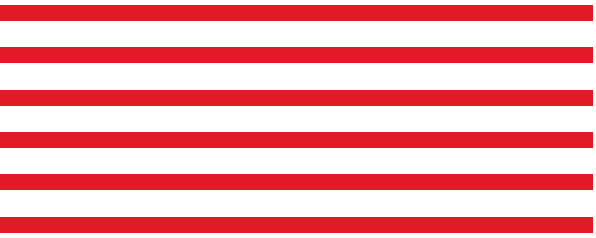
Driver Model Number	EBS-040S070DTE
Input Voltage	220-240 VAC, 50/60Hz
Power Factor	>0.9
Inrush Current	41.8A
Output Voltage (MAX)	57Vdc
Output Current	70-1050 mA
Dimming	Dimmable
Sensor Capability	Motion sensor available

COMPLIANCE

AS/NZS 60598.1
AS/NZS 60598.2.1 ISO 9001

ORDERING

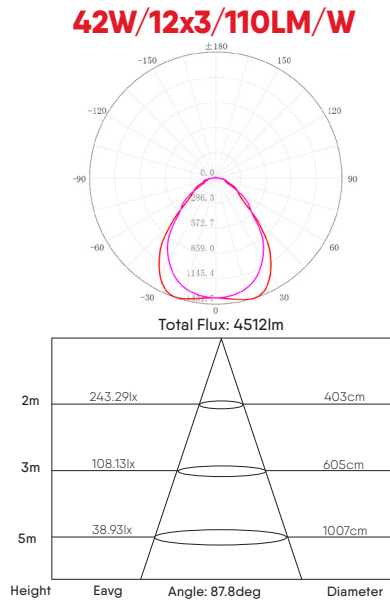
Panel EDU 12x3 42W 4K	9343907004085
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LUMINOUS INTENSITY DISTRIBUTION FOR PANELS



DIMENSIONAL DRAWINGS

POLAR EDU 12x3

