

OTHER / Trip4G2

OUTDOOR

Tri-Proof Gen II

by eLighting

INGRESS
IP65

LUMINOUS FLUX	SYSTEM POWER	EFFICACY	COLOUR RENDERING
6240 _{lm}	46 _W	130 _{lm/W}	>80 _{CRI}



OVERVIEW

The LED Tri-Proof luminaire is designed for cold rooms, food processing facilities and demanding industrial environments. Its glass-free construction, reduces the risk of food contamination, while IP65 protection and IK08 impact resistance ensure durability against moisture, dust and mechanical impact. Delivering reliable, energy-efficient illumination with minimal maintenance, it provides a safe and practical lighting solution for hygiene-sensitive environments.

OPTICAL & PHOTOMETRIC

Luminous Flux	6240 lm
Efficacy	130 lm/W
Correlated CCT	3000K / 4000k / 5000k / 6500k
Colour Rendering (CRI)	>80
Beam Angle	120°
UGR (Glare Rating)	<22
Distribution	Symmetrical narrow flood distribution.
Colour Notes	R9 > 50, providing excellent red rendering.

PHYSICAL & ENVIRONMENTAL

Dimensions	15000 x 70x70 mm
Weight	1.3 kg
Housing Material	Die-cast Aluminum Polycarbonate exterior
Lens / Diffuser	PMMA Optical Lens
Finish / Colour	White
IP Rating	IP65
IK Rating	IK08
Operating Temp	-20°C to +45°C

ELECTRICAL

System Power	46 W
Input Voltage	100-277V AC
Frequency	50/60 Hz
Power Factor	>0.95
Driver Type	Constant Current, Isolated
THD	<15%
Surge Protection	2.5kV / 4kV (L-N / L-PE)
Dimmable	Yes
Dimming Control	0-10V
Battery Backup	Yes
Backup Duration	3 Hours

LIFESPAN & WARRANTY

Rated Lifespan	L80B10 72000hrs @25°C
Warranty	5 Years
Lumen Maintenance	LM80 tested

COMPLIANCE

SANS60598

MODELS / VARIANTS

MODEL	POWER	LUMENS	EFFICACY	CCT	CRI	BEAM	DIMENSIONS
Trip1500	46 W	6240 lm	130 lm/W	3000K - 6500K	80	120	1500x65x65
Trip1200	36-46 W	6240* lm	130 lm/W	3000K - 6500K	80	120	1200x65x65
Trip600	28 W	3640 lm	130 lm/W	3000K - 6500K	80	120	600x65x65

PRODUCT DRAWING

