

Barrel™ GELT series linear luminaire with LED tube is engineered with "Ex d" and "Ex de" protection types. Crafted from marine-grade, copper-free aluminum for the control gear and fixture body, and featuring a high-temperature-resistant polycarbonate tube, it provides an ideal solution for hazardous, high-vibration, and corrosive environments.

Compliance



II 2G Ex db eb IIC T6 Gb
II 2D Ex tb IIIC T80°C Db



Ex db eb IIC T6 Gb
Ex tb IIIC T80°C Db

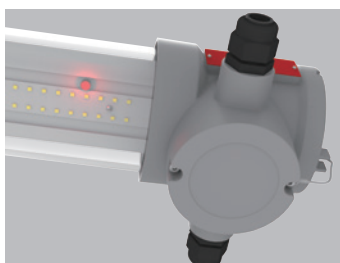
Zone 1,2 , Zone 21,22
CE EMC/LVD/EMF EN62471
IP66/67
IK10
5G vibration

Warranty

5-year limited system warranty.
Lumen Maintenance: L70 > 150,000 hours @ 25°C

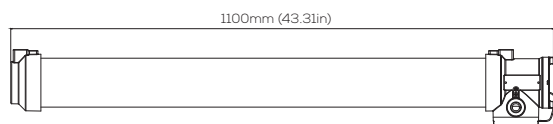
Emergency

90-minute minimum run time at 1100 lumens in emergency mode.

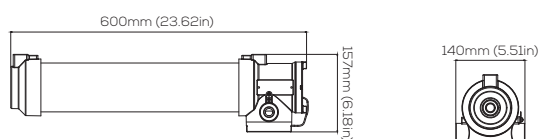


Dimensions

unit: mm(in)



4ft, 50W / 60W



2ft, 20W / 30W

Technical Data

Electrical

Rated Power	20W / 30W / 50W / 60W
Input Voltage	100-240V/AC
Input Frequency	50/60Hz
Power Factor	> 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	<200mVP-P

Emergency Battery

Emergency power	7W
Emergency Lumen Output	1,100lm
Recharging time	24 hours
Battery Backup Runtime	90 min

Optical

Lumen Output	3,200lm ~ 9,600lm
Luminous Efficacy (Lumens per Watt)	160 lm/W
Beam Angle	110°
Correlated Color Temperature (CCT)	2700K 3000K 4000K 5000K
CRI	Ra>70

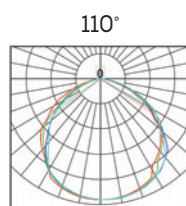
Environmental

Ambient Operating Temperature	-20°C ~ +55°C 0°C ~ +50°C (Emergency)
Ambient Operating Humidity	10%~90% RH

Technical

Lens Material	Polycarbonate
Mounting Options	Hanging, Ceiling, Pole
Cable Entries	M20, M25, 3/4" NPT
Net Weight	2ft: 4.5kg (9.9 lbs) 4ft: 6.0kg (13.2 lbs)

Beam Distribution



Ordering Information and Mounting Accessories

GELT	05	P	110	NW	TPL	CM	GR	XX
Model GELT	Power 03 - 3,200 lm (20W) 05 - 4,800 lm (30W) 08 - 8,000 lm (50W) 10 - 9,600 lm (60W)	Voltage P - 100-240V/AC	Optics 110 - 110°	Color Temp WW - 2700K (Warm white) SW - 3000K (Soft white) NW - 4000K (Neutral white) CW - 5000K (Cool white)	Mount Style HM - Hanging Mount LCM - Ceiling Mount HCM - High Ceiling Mount PCM48 - Pole clamp 48mm for pole Ø 1-7/8" PCM60 - Pole clamp 60mm for pole Ø 2-3/8"	Color GR - Gray		Accessories EMB - Emergency battery back-up SC2 - Safety cable SP10U - 10KV surge protector (100-277V) CG20 - Cable Gland M20 CG25 - Cable Gland M25
				Lens TPL - Clear polycarbonate				

Mounting Options



HM
Hanging Mount



LCM
Ceiling mount



HCM
High ceiling mount



PCM48
Pole clamp 48mm
for pole Ø 1-7/8"

PCM60
Pole clamp 60mm
for pole Ø 2-3/8"

Accessories



HR
Hanging Ring
M12 eyebolt
1 pair



PCM48
Pole clamp 48mm 1 pair
for pole Ø 1-7/8"

PCM60
Pole clamp 60mm 1 pair
for pole Ø 2-3/8"



LCM
Ceiling mount kit
1 pair



HCM
High Ceiling mount kit
1 pair



SC2
Stainless steel
safety cable
Ø6 (3mm)



CG20
Cable Gland M20
CG25
Cable Gland M25



SP10U
10KV Surge Protector
(100-277V)