

NEPTUNE 135

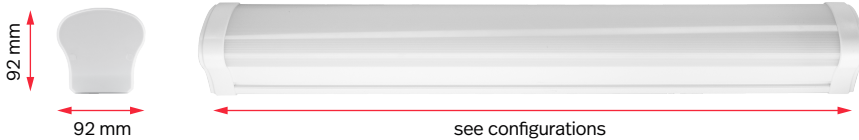
INTEGRATED IP65 LINEAR LED LIGHT

OrbitX Direct Drive Technology Onboard

dust proof, moisture proof,
vapour proof

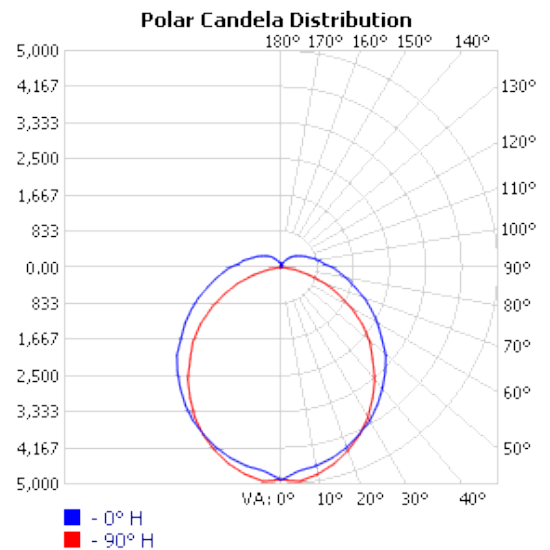


Dimensions



Configurations

1200 mm	1200 mm
16 W 2000 lm	80 W 10000 lm
32 W 4000 lm	96 W 12000 lm
48 W 6000 lm	112 W 15000 lm
64 W 8000 lm	128 W 17000 lm



Guarantee

Operational Guarantee (365d x 24h)	8 years
Light Output Guarantee (365d x 24h)	5 years

Lifetime

Nominal Lifetime (L70) IES LM-80, TM-21	70 000 hours
--	--------------

Photometric Data

Luminous Efficacy	135 lm/W
Correlated Colour Temperature (CCT)	5000K (options available)
Colour Rendering Index (CRI)	83
Gamut Area Index (GAI)	96
Light Quality	Type A compliant (Lighting Research Centre, New York)
Beam Angle	180°
Stroboscopic Effect (100Hz)	80% flicker free (complies to OHS and MHS Act regulations)

Electrical Data

Power	See Configurations on previous page
Power Factor	>0.98
Operating Voltage	220-240 V AC
Minimum Sustained Voltage	No minimum limit, operational from 150V
Maximum Sustained Voltage	270 V for 2 minutes
On/Off Switching	Unlimited
Delay to Full Brightness	Immediate

Temperature

T Ambient (max)	+35°C
T Ambient (min)	-40°C

Safety

Risk of Breakage	Low, polycarbonate housing extruded to 1mm (no glass)
Electrical	IEC60598-1, IEC60598-2-5 compliant
Surge Protection	1.5 kV
Fire Rating	UL-94 VO compliant (no flaming droplets)
IP Rating	IP65

Interference Compliance

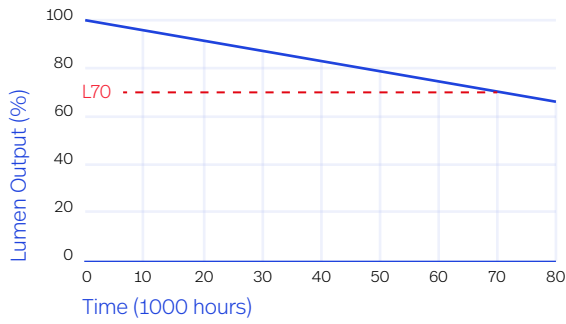
Wifi, Barcode Scanner, Radio Frequency Interference	No interference, IEC 61547, SANS 215 (CISPR15) compliant
Total Harmonic Distortion	IEC 61000-3-2 Class D Compliant

Additional

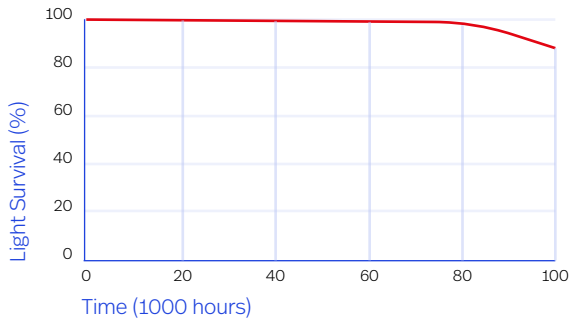
Battery Backup	Available on all models
Variable Switching	Available on all models

Specification tolerance +-10%

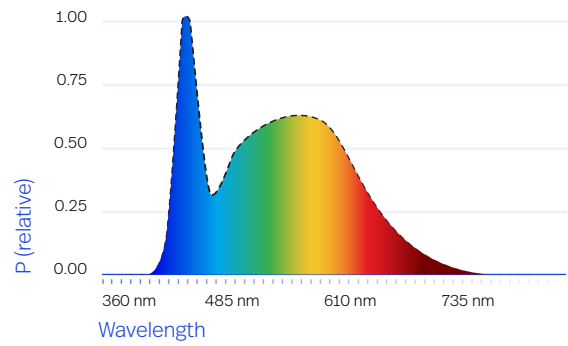
Rate of Reduction in Light Output



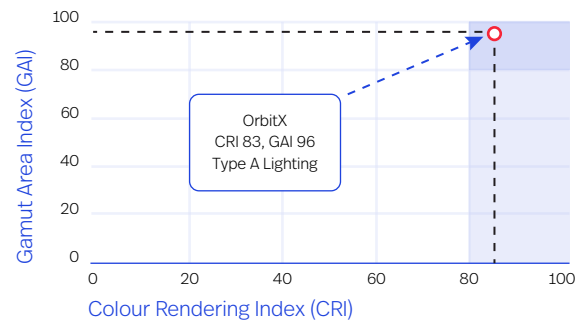
Light Survival Rate



Light source SPD



Type A Lighting*



*Type A Lighting as defined by the Lighting Research Centre, New York

Model Code	Length of Light mm	Power Rating	Units per Box	Box Dimensions (l x w x h) mm	Weight (kg)	IES Files
OXNT1200165	1200	16 W	4	1280 x 185 x 185	6,56	Click to download
OXNT1200325	1200	32 W	4	1280 x 185 x 185	6,71	Click to download
OXNT1200485	1200	48 W	4	1280 x 185 x 185	6,86	Click to download
OXNT1200645	1200	64 W	4	1280 x 185 x 185	7,04	Click to download
OXNT1200805	1200	80 W	4	1280 x 185 x 185	7,64	Click to download
OXNT1200965	1200	96 W	4	1280 x 185 x 185	8,08	Click to download
OXNT12001125	1200	112 W	4	1280 x 185 x 185	8,23	Click to download
OXNT12001285	1200	128 W	4	1280 x 185 x 185	8,38	Click to download