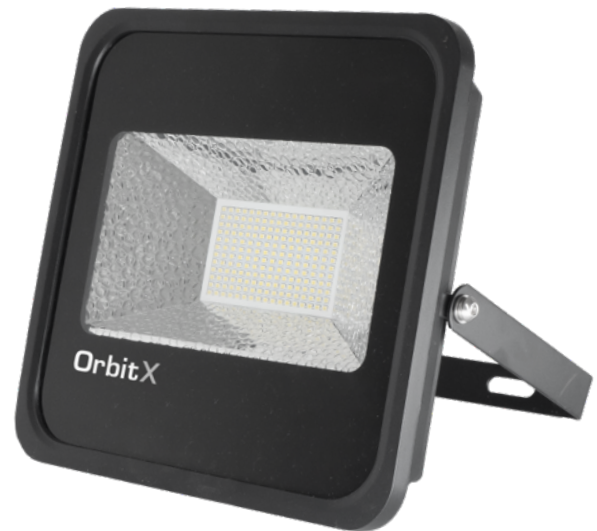# OrbitX

FLOODLIGHT
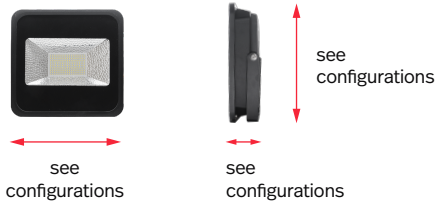## IP65 FLOODLIGHT with ALS

OrbitX Direct Drive Technology Onboard

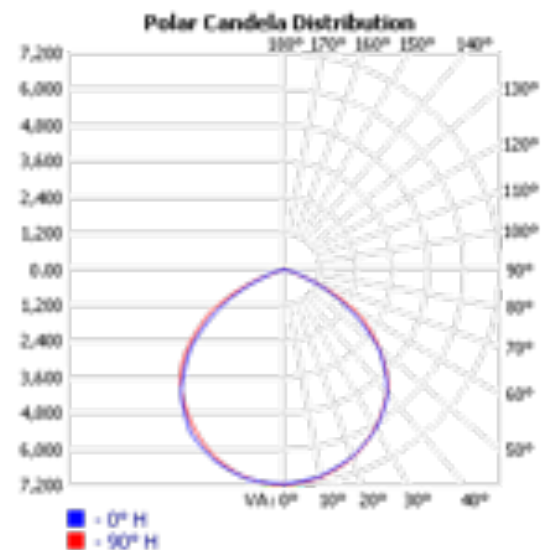Integrated automatic light sensor (ALS)

Dimensions

see configurations

see configurations

see configurations

Configurations

10 W	20 W	30 W	50 W
900 lm	1800 lm	2700 lm	4500 lm

100 W	200 W	400 W
9000 lm	18000 lm	36000 lm

Polar Candela Distribution

- = 0° H
- = 90° H

Guarantee

Operational Guarantee (365d x 12h)	5 years
Light Output (365d x 12h)	3 years

Lifetime

Nominal Lifetime (L70)	50 000 hours
IES LM-80, TM-21	

Photometric Data

Luminous efficacy	90 lm/W
Correlated Colour Temperature (CCT)	5600K-6500K
Colour Rendering Index (CRI)	83
Gamut Area Index (GAI)	86
Light Quality	Type A compliant (Lighting Research Centre, New York)
Beam Angle	120°

Electrical Data

Power	See Configurations on previous page
Power Factor	>0.98
Operating Voltage	220-240V AC
Minimum Sustained Voltage	No minimum limit, operational from 200V
Maximum Sustained Voltage	250V for 1 minute
On/Off Switching	Unlimited
Delay to Full Brightness	Immediate

Temperature

T Ambient (max)	+40° C
T Ambient (min)	0° C

Safety

|	
Electrical	IEC60598-1, IEC60598-2-5 compliant
Surge Protection	IEC61000-4-5: 2000V line-ground, 1000V line-line
Fire Rating	UL-94 VO compliant (no flaming droplets)
IP Rating	IP65

Interference Compliance

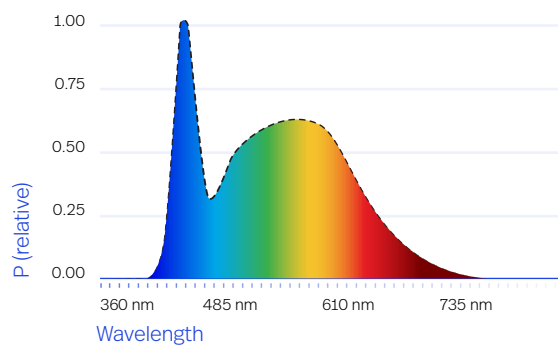|	
Wifi, Barcode Scanner, Radio Frequency Interference	No interference, IEC 61547, SANS 215 (CISPR15) compliant
Total Harmonic Distortion	IEC 61000-3-2 Class D Compliant

Additional

Occupancy Sensor	Integrated movement sensor available for 10W, 20W, 30W

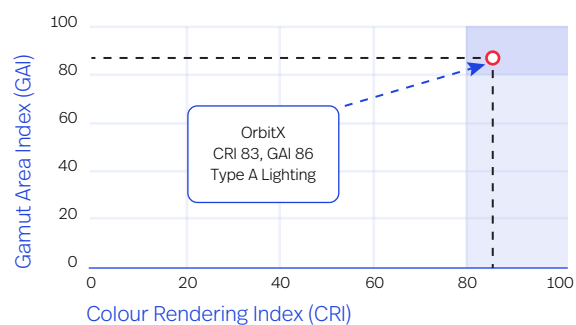Specification tolerance +-10%

Rate of Reduction in Light Output
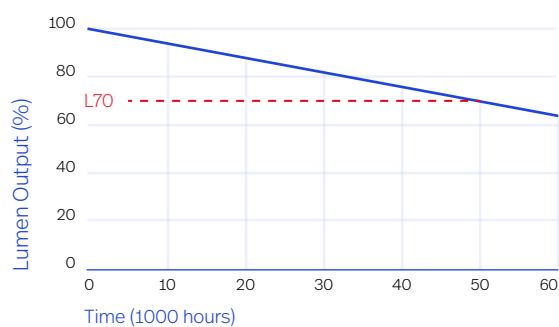
Light source SPD

Light Survival Rate

Type A Lighting*
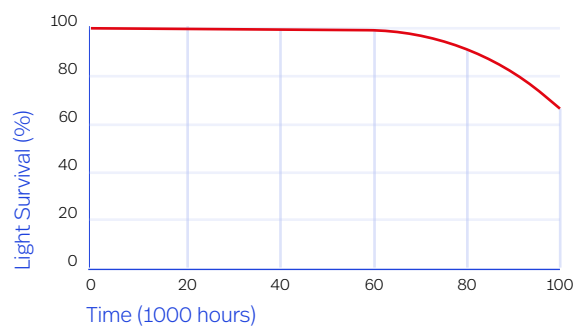
OrbitX
CRI 83, GAI 86
Type A Lighting

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

Model Code	Light Dimensions (l x w x h) mm	Power Rating	Units per Box	Box Dimensions (l x w x h) mm	Weight (kg)	IES Files
OXFL106		10 W	1	138 x 118 x 42	0.43	Click to download
OXFL206		20 W	1	138 x 118 x 42		Click to download
OXFL306		30 W	1	200 x 182 x 50	0.84	Click to download
OXFL506		50 W	1	200 x 182 x 50	0.84	Click to download
OXFL1006		100 W	1	337 x 330 x 95	2.44	Click to download
OXFL2006		200 W	1	415 x 354 x 110	4.74	Click to download
OXFL4006		400 W	1			Click to download