

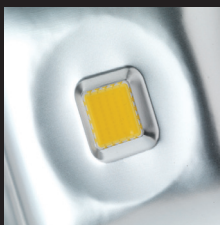
Outdoor LED Lighting - FLEX Floodlight

Led floodlights have a wide ranging application area from security lighting through to forecourt lighting in domestic, commercial and industrial environments. LED floodlights are ideal for outdoor applications as they are energy saving, provide improved quality of light, and have a longer lifespan than conventional lighting technologies therefore providing considerable savings in maintenance costs.



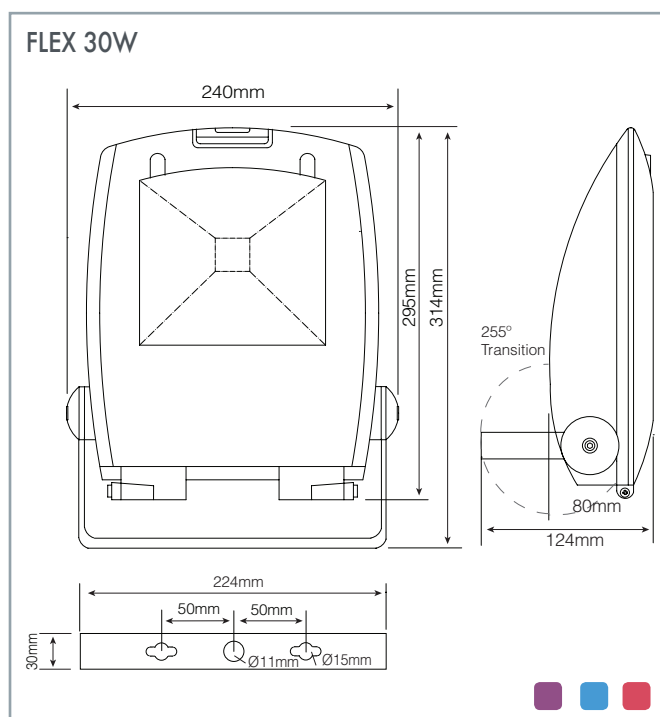
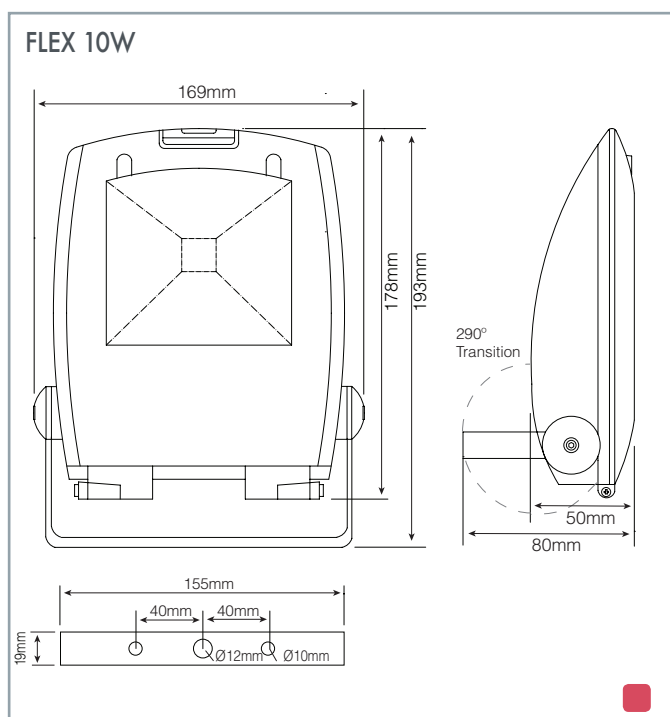
Product Features

- ★ Suitable for security & general outdoor lighting applications
- ★ Industrial design embedding user convenience and flexibility
- ★ Ideal to fit at high-level with ease of installation & low maintenance fit and forget applications
- ★ Cast metal casing with high quality grained anodised paint finish; environmentally protected against UV
- ★ Quality, long life Epistar LEDs & polished reflector for maximum light output
- ★ Proven provider of switch-mode power supplies to support in-house LED driver technology
- ★ Designed to provide long product life cycle and high energy saving capabilities
- ★ Optional integral & external PIR's available with motion detector & automatic day/night sensor functionality
- ★ 36 months warranty for approved installations
- ★ 50,000 hr life time



FLEX 10W & 30W Flood Lights

Part Code	FLEX-10C	FLEX-10W	FLEX-30C	FLEX-30W
Lumen Output	700lm	700lm	2400lm	2400lm
Input Voltage	85 ~ 265VAC	85 ~ 265VAC	85 ~ 265VAC	85 ~ 265VAC
Input Frequency	47/63Hz	47/63Hz	47/63Hz	47/63Hz
Power Consumption	10W	10W	30W	30W
Power Factor	>0.98	>0.98	>0.98	>0.98
CRI	70	70	80	80
Efficiency	70lm/W	70lm/W	80lm/W	80lm/W
IP	IP65	IP65	IP65	IP65
Beam Angle	120°	120°	120°	120°
CCT	6000 ~ 7000K	2900 ~ 3200K	6000 ~ 7000K	2900 ~ 3200K
Dimensions	178 x 169 x 50mm	178 x 169 x 50mm	294 x 240 x 80mm	294 x 240 x 80mm



New accessory for the FLEX Flood Light
PIR700 Sensor

This range of FLEX LED floodlights is suitable for use in domestic, commercial and industrial lighting applications including security lighting, general exterior lighting and high level low maintenance fit and forget applications.

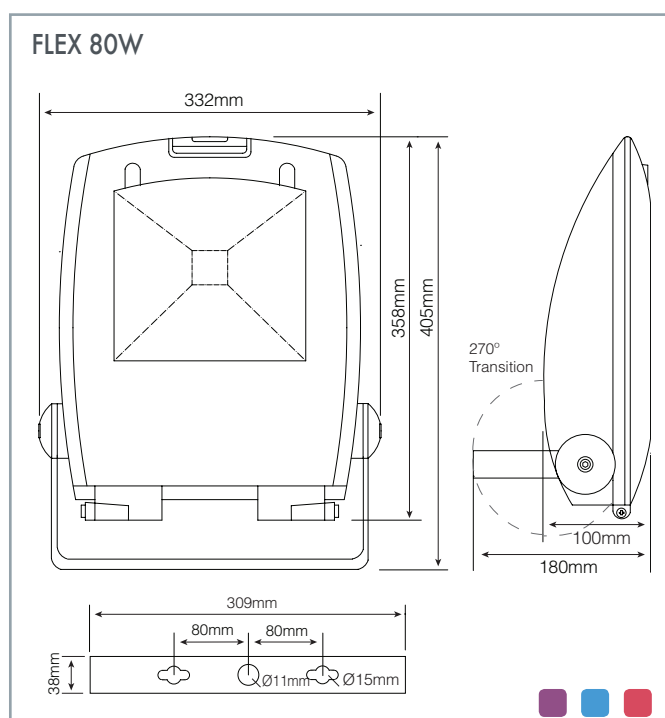
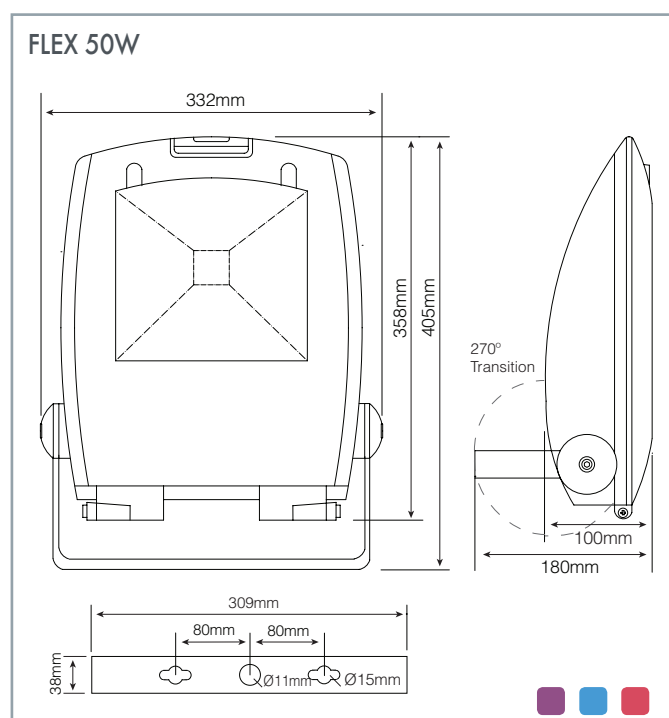
Optional Features Key

- Integral PIR option available
- Integral Dusk to Dawn option available
- Approved external PIR available (PIR700B)



FLEX 50W & 80W Flood Lights

Part Code	FLEX-50C	FLEX-50W	FLEX-80CS	FLEX-80WS
Lumen Output	3500lm	3500lm	6160lm	6160lm
Input Voltage	85 ~ 265VAC	85 ~ 265VAC	85 ~ 265VAC	85 ~ 265VAC
Input Frequency	47/63Hz	47/63Hz	47/63Hz	47/63Hz
Power Consumption	50W	50W	80W	80W
Power Factor	>0.98	>0.98	>0.92	>0.92
CRI	80	80	80	80
Efficiency	70lm/W	70lm/W	77lm/W	77lm/W
IP	IP65	IP65	IP65	IP65
Beam Angle	120°	120°	120°	120°
CCT	6000 ~ 7000K	2900 ~ 3200K	6000 ~ 7000K	2900 ~ 3200K
Dimensions	358 x 332 x 100mm	358 x 332 x 100mm	358 x 332 x 100mm	358 x 332 x 100mm

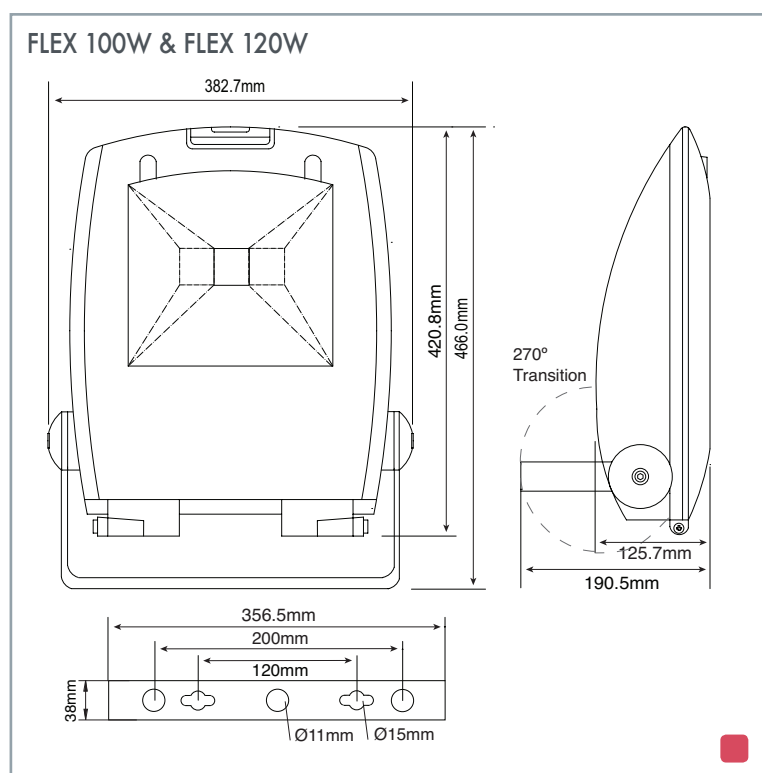


With FLEX, you're investing in a new level of build quality, world class components and reliability. These products have been precision engineered to deliver the lowest cost and high efficiency solution you demand as a real professional.






FLEX 100W & 120W Flood Lights

Part Code	FLEX-100C	FLEX-100W	FLEX-120C	FLEX-120W
Lumen Output	7700lm	7700lm	9240lm	9240lm
Input Voltage	85 ~ 265VAC	85 ~ 265VAC	85 ~ 265VAC	85 ~ 265VAC
Input Frequency	47/63Hz	47/63Hz	47/63Hz	47/63Hz
Power Consumption	100W	100W	120W	120W
Power Factor	>0.98	>0.98	>0.98	>0.98
CRI	80	80	80	80
Efficiency	77lm/W	77lm/W	77lm/W	77lm/W
IP	IP65	IP65	IP65	IP65
Beam Angle	120°	120°	120°	120°
CCT	6000 ~ 7000K	2900 ~ 3200K	6000 ~ 7000K	2900 ~ 3200K
Dimensions	421 x 383 x 126mm	421 x 383 x 126mm	421 x 383 x 126mm	421 x 383 x 126mm



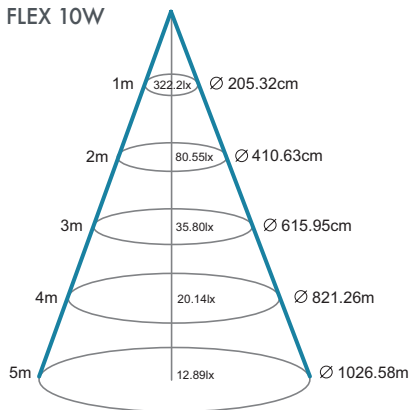
Optional Features Key

-  Integral PIR option available
-  Integral Dusk to Dawn option available
-  Approved external PIR available

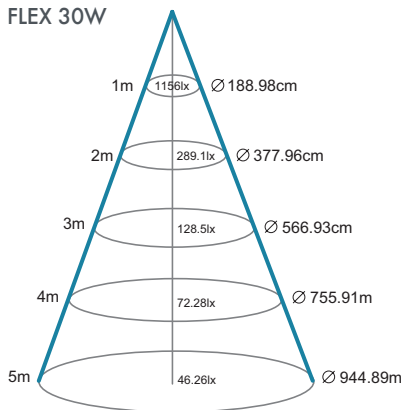


FLEX Flood Light Luminance Distribution

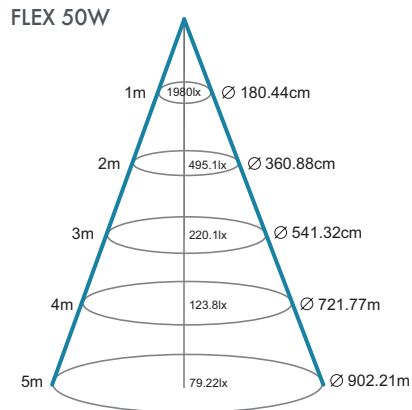
FLEX 10W



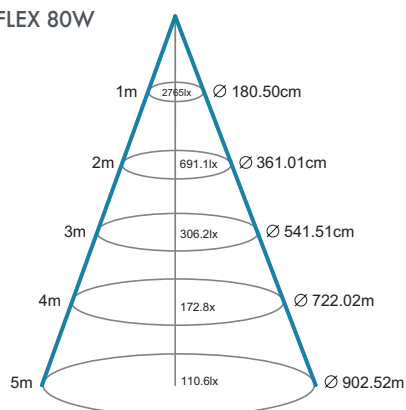
FLEX 30W



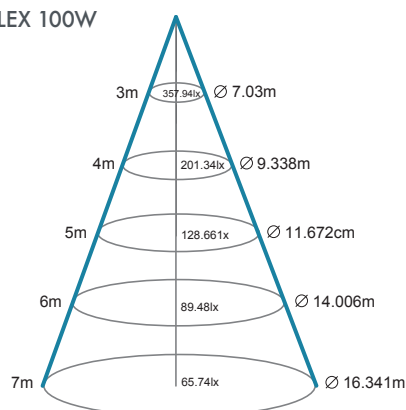
FLEX 50W



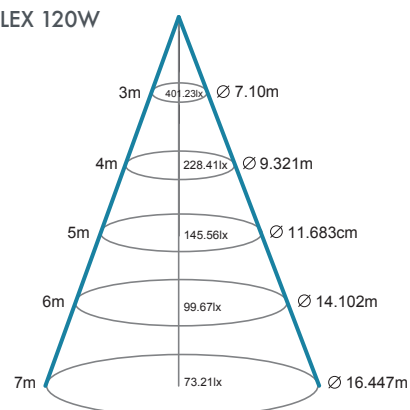
FLEX 80W



FLEX 100W

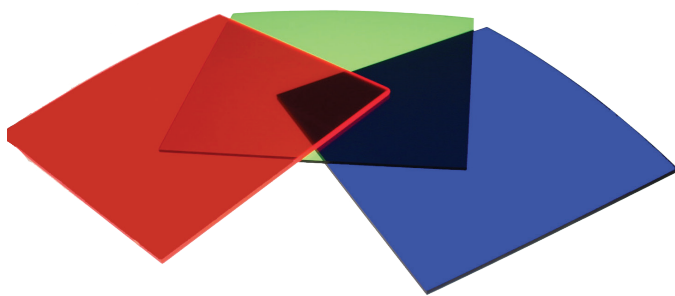


FLEX 120W



Optional Lens'

This FLEX LED Floodlight is also available with shatter proof Clear Poly carbonate and Perspex Lens' for applications where our standard glass version would not be suitable, such as food or crop storage; and are available for 30W, 50W, 80W, 100W & 120W FLEX floodlights.



Lens' are available in Clear, Blue, Red & Green.



Outdoor LED Lighting - FLEX Floodlight Optional Features

PIR Suffix - Integral PIR Motion Detector

Our optional integral PIR motion detector has automatic day/night identification and light sensitivity to operate your FLEX floodlight during the twilight hours. The adjustable on-time ensures the light stays illuminated to times that suit your application.

Detection Angle	100°
Detection Range	8m @ 22°C
Time Delay Switch	5s, 30s, 1min, 3min, 8min
Light Control	<3 Lux to 2000 Lux

DIP Switches for Setting On Time

	Light Sensitivity	<10lx	Always
	Movement Sensitivity	Low	High
5"	On-Time	5 seconds	-
30"	On-Time	30 seconds	-
1"	On-time	1 minute	-
3"	On-Time	3 minutes	-
5"	On-Time	5 minutes	-
8"	On-Time	8 minutes	-

Note: only the highest selected on-time will be applicable.

For 'Constant On Function' a switch should be installed between the brown and the grey wires to override PIR (Floodlight will be on permanently).

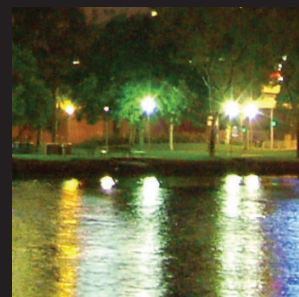
DD Suffix - Integral Dawn to Dusk Sensor

This optional Dawn to Dusk sensor will ensure your FLEX floodlight automatically switches on at Dusk and off again at Dawn; lighting your outdoor space during the hours of need. The off level of this sensor is 70 lux.



Optional Product Features

- ★ Integral PIR motion detector
Integral Dusk to Dawn Sensor
- ★ Approved External PIR Motion Detector Option
- ★ Shatter proof polycarbonate lens for applications such as food stores where glass is unacceptable (Lighting BSI/IEC 61549 Standard)
- ★ New accessory ~ The PIR700B outdoor PIR Sensor will compliment your FLEX Floodlight installation



Outdoor LED Lighting - FLEX Floodlight Optional Features




EXPIR - Approved External PIR Motion Detector

We recommend an external PIR motion detector that is suitable for use with all of our floodlights; this unit has a vertically adjustable position as well as automatic day/night identification and light sensitivity, to ensure energy saving operation of your FLEX floodlight during the twilight hours. It also has a setting to allow operation during the daytime.

Power Source	220 ~ 240Vac
Detection Angle	180°
Detection Range	12m @24°C
Light Control	<3 lux to Daylight
Activation Duration min.	8 sec ±3sec./max. 7 min. ±2min
Power Consumption	0.45W (standby 0.1W)
Installation Height	0.5m to 3.5m
Motion Speed Detection Range	0.6 ~ 1.5m/s



Optional Features Key

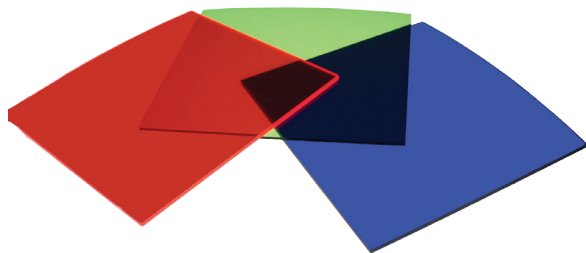
-  Integral PIR option available
-  Integral Dusk to Dawn option available
-  Approved external PIR available

PCL Suffix - Optional Lens

The same great FLEX LED Floodlight with a shatter proof Clear Poly carbonate Lens' for applications where our standard glass version would not be suitable, such as food or crop storage; and are available for 35W, 50W, 80W, 100W & 120W FLEX floodlights. Colour perspex lens' offer a constant translucent colour.

Colour Lens

PCL00-B	Blue Perspex	00=10W, 30W, 50W, 80W, 100W & 120W
PCL00-G	Green Perspex	00=10W, 30W, 50W, 80W, 100W & 120W
PCL00R	Red Perspex	00=10W, 30W, 50W, 80W, 100W & 120W
PCL00	Clear Poly Carbonate	00=10W, 30W, 50W, 80W, 100W & 120W



New accessory for the
FLEX Floodlight

PIR700
Sensor
for LED
lighting

