



www.truelite.us

FLOOD LIGHT

20W

Truelite LED flood light can be used as a replacement for 60 to 800 watt conventional flood light. Its compact design allows increased mounting versatility and ease of installation. The long lived LED luminaries are designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light. High-performance LEDs and a solid-state electronic driver provide light where you need it, at a fraction of the operating cost of HID technologies. LED Floodlights operate efficiently and save power but also reduce maintenance and service costs as a result of their long life.

Features

- Wide Input Voltage range.
- High Power Factor (>0.95).
- Low Harmonic Distortion ($<20\%$).
- High Efficiency, Long Life & High Reliability.
- Low Electromagnetic Emission.
- High Luminous Efficiency.
- Eco friendly, no UV and mercury.
- Easy installation, flexible and adjustable to any angle.
- Power is up to normal brightness without delay switching, times up to 1 million times.
- Adopting high purity, aluminum cover improves the reflectivity.
- No noise, no flickering and work steadily.
- Power saving.
- RoHS, CE, energy star certifications.

Electrical Parameters

Input Voltage	AC 85V ~ 265 VAC
Frequency	50/60Hz
Driver Power Efficiency	>90%
Total Power Consumption	22W
Power Factor(PF)	>0.95
Total Harmonic Distortion	< 20%
Color Rendering Index	>75
Color Temperature	3000-6500K/R/G/B/Amber
Beam Angle	50°/100°
LED Luminous efficiency	85-90 lm/W
Luminous flux	1800lm
Working Ambient Temperature (°C)	-10° To +60°
Led Model	CREE
IP Rating	IP65
Service Life	>50000 Hours
Light Fixture Material	Aluminum Alloy
Dimension	L-180mm,W-140mm,H-105mm
NW (Kg)	2.5 KG

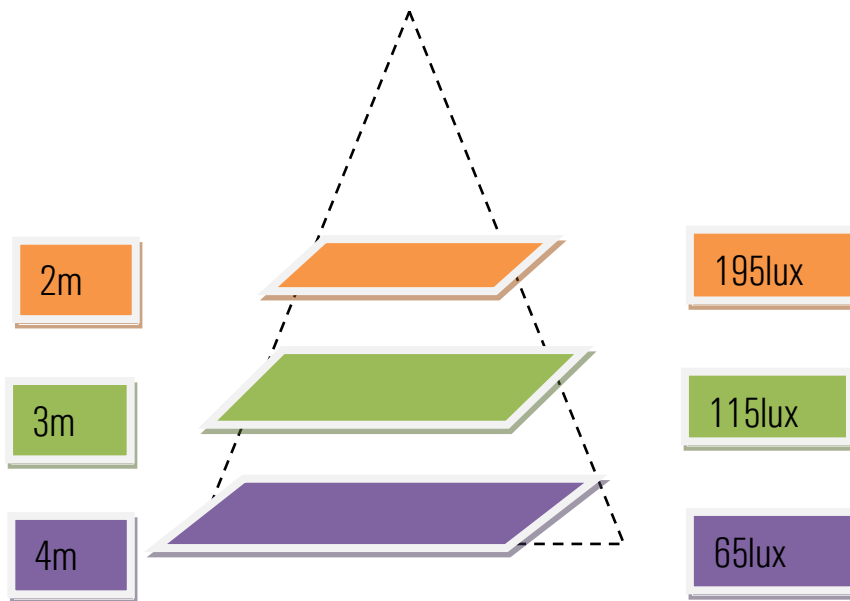
*All parameters are measured @ ambient temperature Tc 25 degree

Application Area

LED flood lights have wide application, such as for hotel outer walls, on plaza for night lighting, it can be used for both indoor decoration and outdoor lighting. The light of the LED flood lights is scattered to all directions. The LED flood lights can be put at anywhere at the scene. You can use them alone or use several of them together. Widely used in outdoor, urban roads, sidewalks, square, schools, park, courtyards, residential area, factors, apartments, indoor stadiums etc.

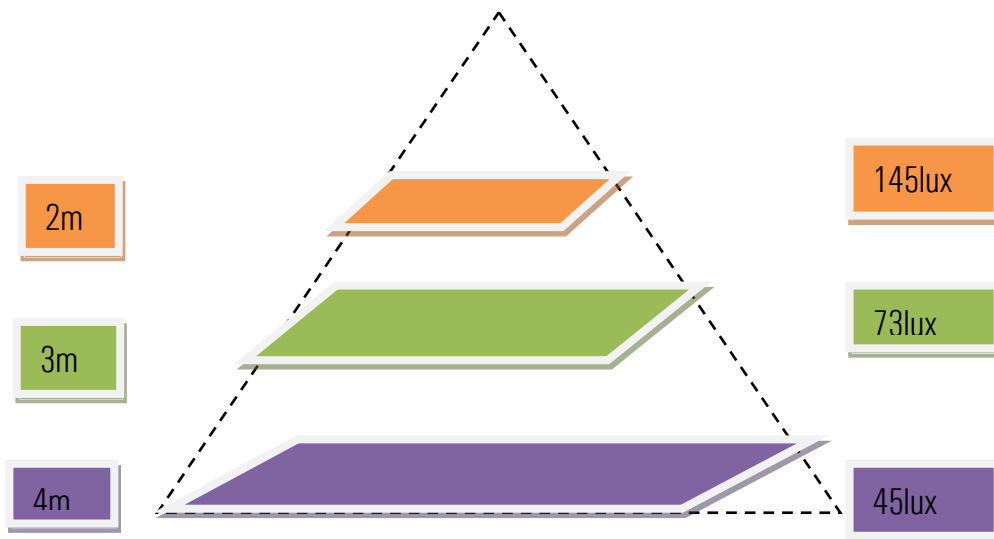
Photometric Data

Isolux Diagram (50°)



Measure @ center

Isolux Diagram (100°)



Measure @ center

Ordering Code

T	L	B	F	L	L	1	0	0	W	0	2	0	I	H
PART NO:						BEAM ANGLE			CCT	WATT			DRIVER	
						OPTIONS			OPTIONS	OPTIONS			Options	
						50			W-WARM WHITE	20 W			IH-INHOUSE DRIVER	
						100			P-PURE WHITE					
									C-COOL WHITE					
									R-RED					
									G-GREEN					
									B-BLUE					
									A-AMBER					
EXAMPLE						TLBFLL-100W020-IH								