

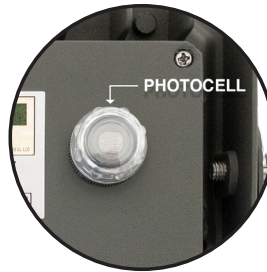


# LED OUTDOOR FLOOD LIGHT DIMMABLE WITH PHOTOCELL, 120V, 30W, 5000K (DAYLIGHT)

## Specifications



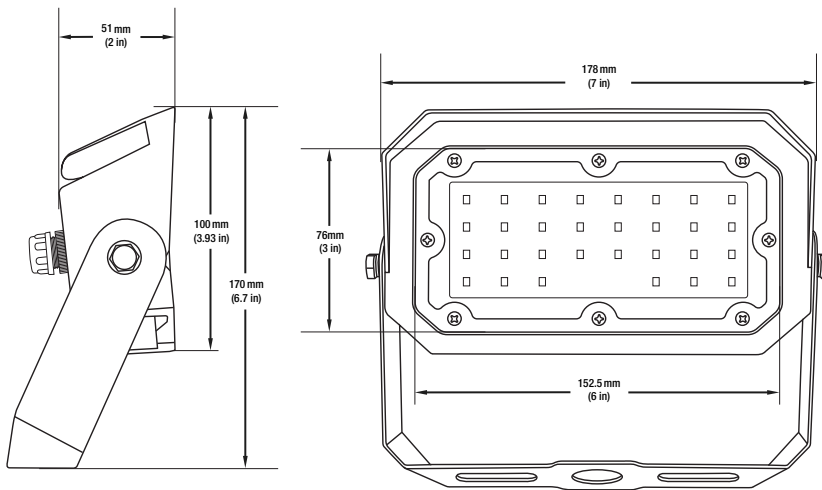
<b>Model:</b>	TS-FL0803-30W-80x110-D
<b>Voltage:</b>	120V AC
<b>Input Current:</b>	0.275A
<b>Wattage:</b>	30W
<b>Brightness:</b>	3600Lm
<b>Color Temperature:</b>	5000K (Daylight)
<b>Beam Angle:</b>	100°
<b>Dimmable:</b>	Yes
<b>IP Rating:</b>	IP65 [Waterproof]
<b>Dimensions :</b>	178mm x 100mm x 51mm (7" x 3.93" x 2")
<b>Cable Size:</b>	500mm (19.6") Ø 9.75mm (0.38") 5 x 18AWG
<b>Certification:</b>	UL



**SKU#: 666561419813**

## Features

- Suitable for wet locations or outdoor applications with an IP65 rating.
- The photocell sensor application conserves energy by preventing illumination when natural light is available.
- This floodlight offers protection from dust and moisture while being weather-resistant.
- Boasts a lifespan of a minimum of 50,000 hours.
- Its unique fine-grained tempered glass optical design creates softer lighting and reduces glare.
- Generates minimal heat and remains safe to touch.
- The fixture incorporates long-lasting LED lights, eliminating the need for frequent bulb replacements.
- The metallic case extends the LED's life cycle, while the tempered glass diffuser enhances durability.
- This light enhances the appearance of entryways, porches, door jambs, landscape decks, balconies, lawns, pathways, and exterior stairs with impressive brightness.
- Easily adjustable to achieve the desired angle.



## Disclaimer

The data and information contained in this specification sheet are subject to change without notice; the ratings supplied are provided based on the product manufacturer. The information contained in this specification sheet should not be considered a warranty, expressed or implied, including, but not limited to, a warranty of merchantability or fitness for a particular purpose. In no event shall LED Lights and Parts be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.



Light efficiency:

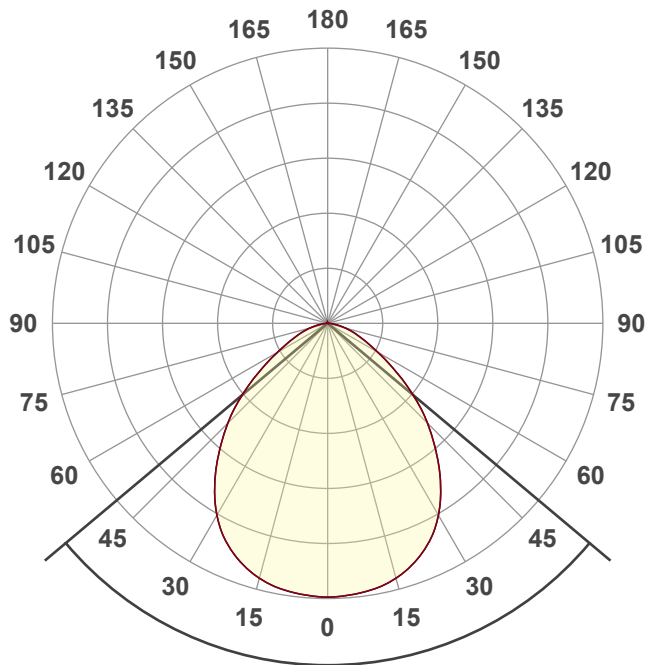
**74 Lumen/Watt**

Light quality:

**CRI: 73.3**

Color temperature:

**5000 K**



Beam angle

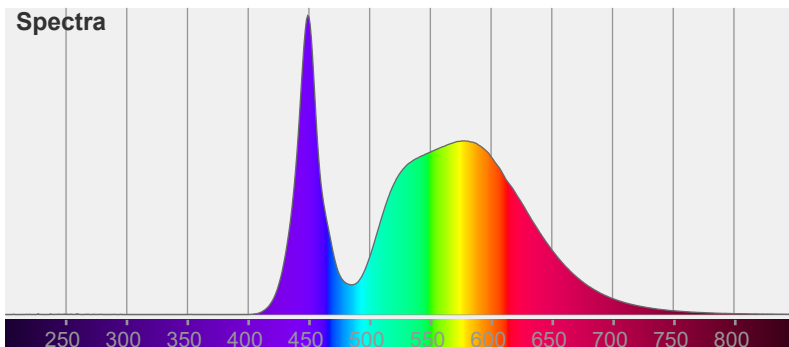
**100°**

Color



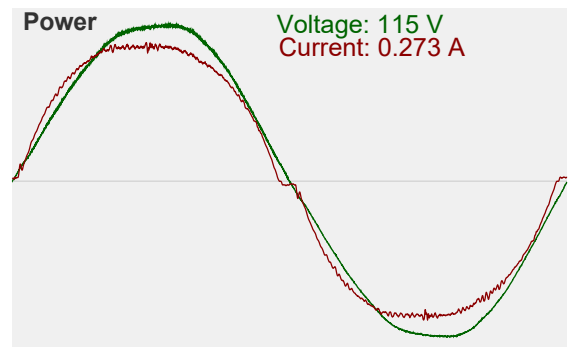
CIE1931  
x: 0.347  
y: 0.354

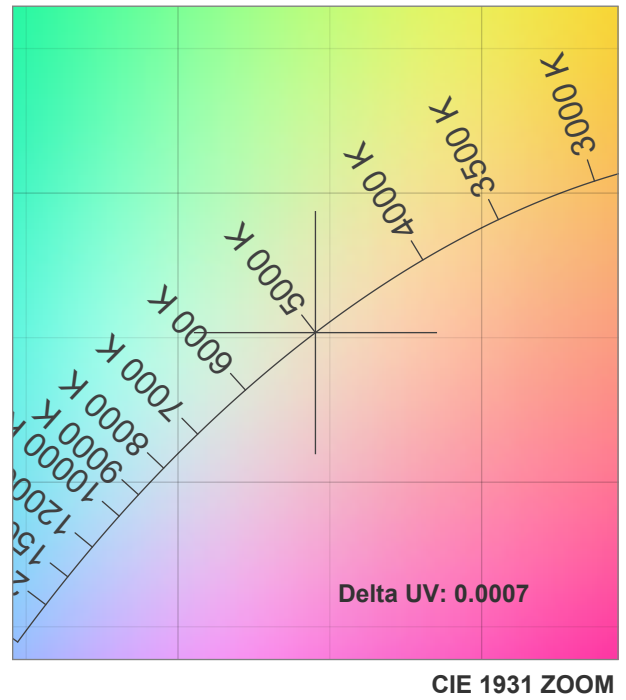
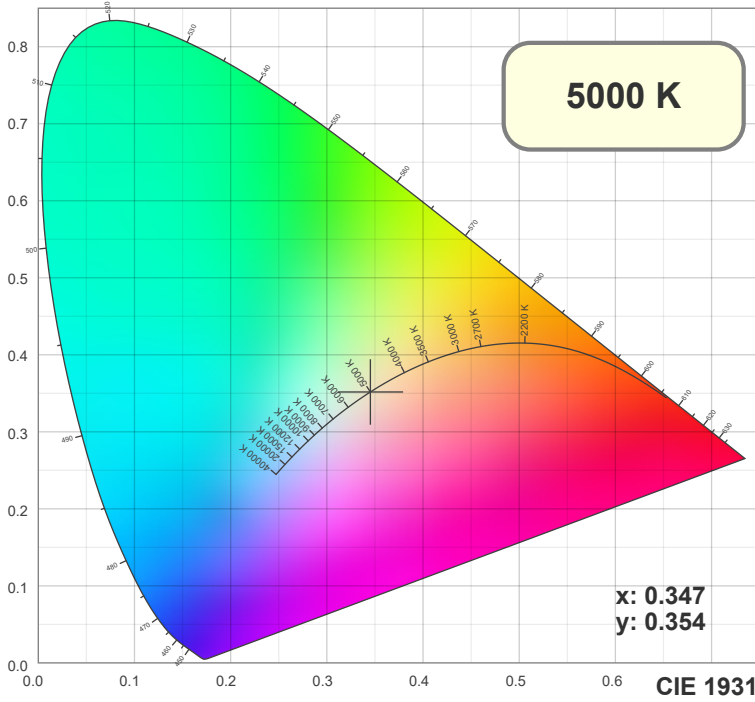
Spectra



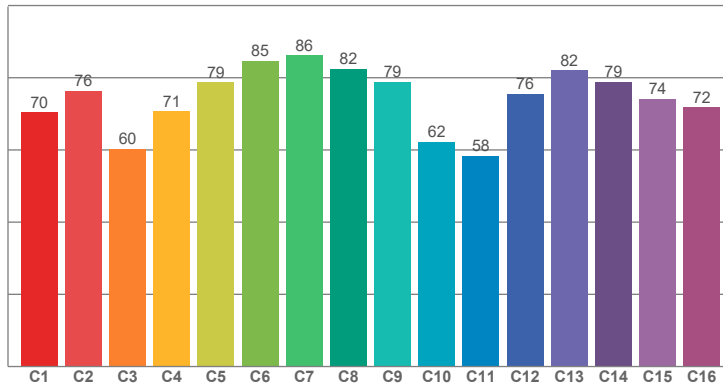
Power

Voltage: 115 V  
Current: 0.273 A

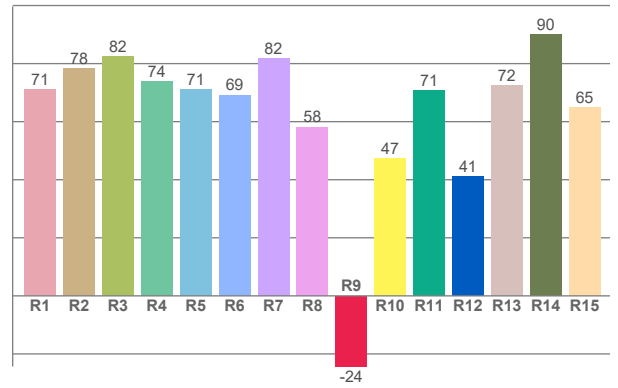




TM30: 73.6



CRI: 73.3 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
71.21	78.24	82.36	73.95	71.14	69.20	81.89	58.21	-24.34	47.20	70.66	41.04	72.34	89.97	64.89

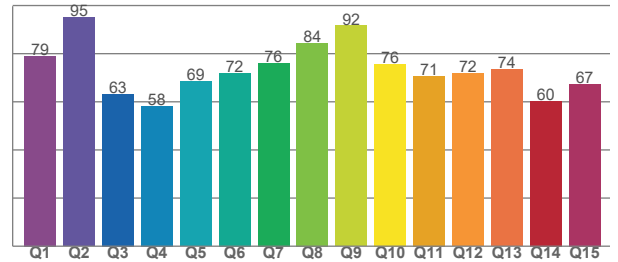
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
70.48	76.34	60.28	70.65	78.80	84.74	86.16	82.44	78.89	62.28	58.43	75.62	82.11	78.90	74.13	71.78

CQS Q values

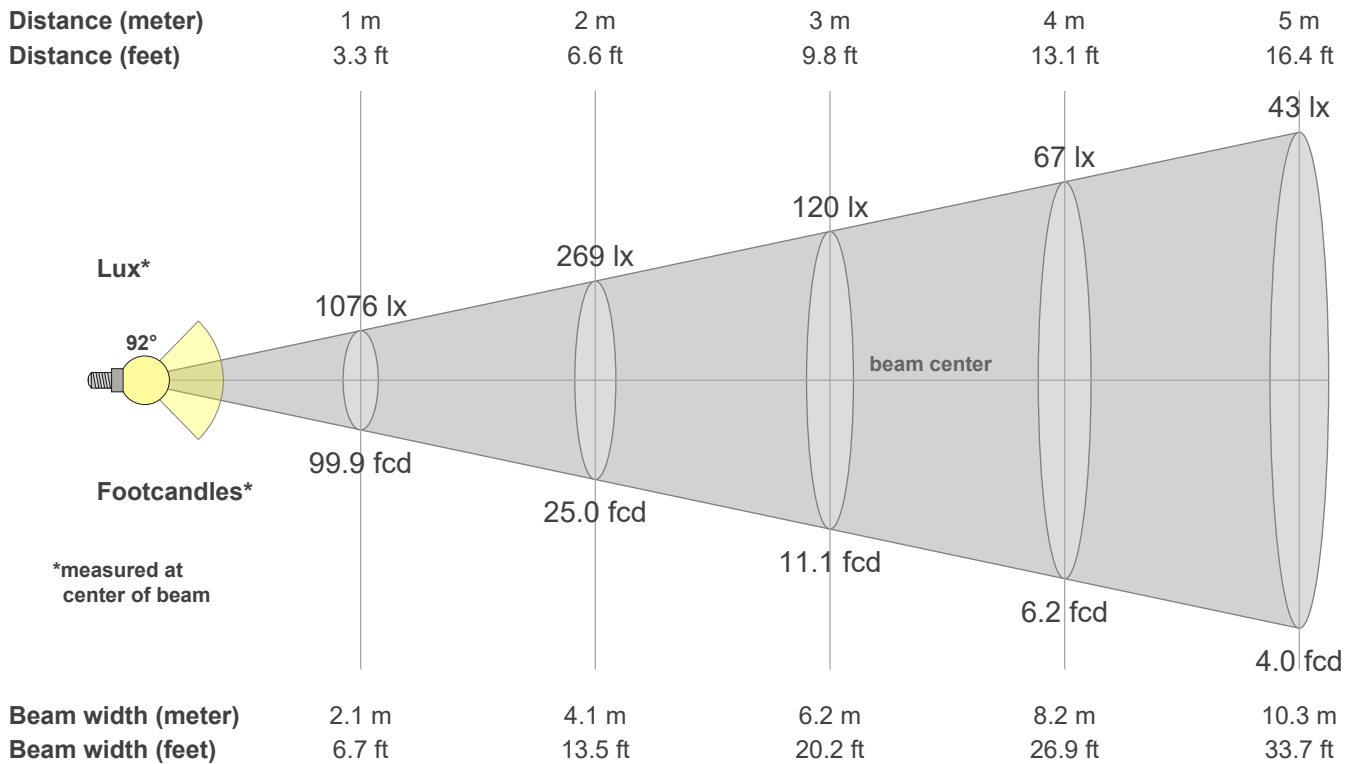
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78.98	95.02	63.22	58.18	68.50	72.03	76.11	84.45	91.59	75.63	70.75	71.67	73.53	60.33	67.46

CQS: 71.9



### Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
5000 K	73.3	-24.3	73.6	95.5	71.9	0.3	0.4	0.2	0.3	0.0004



### Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1076	1071	1059	1036	998	944	869	773	665	554	439	326	231	162	113	73	40	16	5	2
100%	100%	98%	96%	93%	88%	81%	72%	62%	52%	41%	30%	22%	15%	11%	7%	4%	1%	0%	0%

### Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1076	1071	1059	1036	998	944	869	773	665	554	439	326	231	162	113	73	40	16	5	2
100%	100%	98%	96%	93%	88%	81%	72%	62%	52%	41%	30%	22%	15%	11%	7%	4%	1%	0%	0%

### Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1076	1071	1059	1036	998	944	869	773	665	554	439	326	231	162	113	73	40	16	5	2
100%	100%	98%	96%	93%	88%	81%	72%	62%	52%	41%	30%	22%	15%	11%	7%	4%	1%	0%	0%

### Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1076	1071	1059	1036	998	944	869	773	665	554	439	326	231	162	113	73	40	16	5	2
100%	100%	98%	96%	93%	88%	81%	72%	62%	52%	41%	30%	22%	15%	11%	7%	4%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
91.5°	141.3°	164.1°	88.3%	66.8%