

50W LED Flood Light

350-XX-B

Product Description

This high quality LED flood light is designed with the latest technology for optimal performance and is ideal for signs, accent architecture, flags, parking lots, and landscape lighting. LED technology has a longer life expectancy than fluorescent lighting, and emits no UV rays, contains no mercury, and does not flicker.

Project		Fixture Type
Prepared by		
Comments		Date

Performance Summary

Voltage: 100 - 277V
Power Factor: >0.95
CRI: > 70
Delivered Light Output: 5000 lumens
Input Power: 50 watts
Limited Warranty: 5 years
Certification: UL
Approved by: DLC



Dimensions
 11.4 L x 9.3 W x 6.7 H in

Ordering Information

example: 350-50-B

350		B
Product	Color Temperature	Product ID
• 350	<ul style="list-style-type: none"> • 30 = 3000K • 50 = 5000K 	• B



50W LED Flood Light

Construction and Materials

This fixture has a die cast aluminum body and features a high quality aluminum heat sink, an offset driver compartment, as well as heat impact resistant tempered glass. It is IP65 rated. Yoke mount is included.

Electrical System

- Voltage: 100 - 277V
- Power Factor: > 0.95

Photometric Data

Filename: 350-03B
Lumens 5000 Input Watts 49.3

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,356.00	27.10%	32.80%
0-40	2,163.30	43.30%	52.30%
0-60	3,692.30	73.80%	89.30%
60-90	441.4	8.80%	10.70%
0-90	4,133.70	82.70%	100%

Coefficients of Utilization

Effective Floor Cavity Reflectance: 20%																		
RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	0.98	0.98	0.98	0.98	0.96	0.96	0.96	0.83	0.92	0.92	0.92	0.88	0.88	0.88	0.84	0.84	0.84	0.83
1	0.92	0.88	0.85	0.83	0.89	0.87	0.84	0.73	0.83	0.81	0.79	0.8	0.78	0.77	0.77	0.76	0.74	0.73
2	0.84	0.78	0.74	0.7	0.82	0.77	0.73	0.64	0.74	0.7	0.67	0.71	0.68	0.66	0.69	0.67	0.64	0.63
3	0.78	0.7	0.64	0.59	0.76	0.68	0.63	0.55	0.66	0.61	0.57	0.64	0.6	0.57	0.62	0.58	0.56	0.54
4	0.71	0.62	0.56	0.51	0.7	0.61	0.55	0.48	0.59	0.54	0.5	0.57	0.53	0.49	0.56	0.52	0.48	0.47
5	0.66	0.56	0.49	0.44	0.64	0.55	0.49	0.42	0.53	0.48	0.43	0.52	0.47	0.43	0.5	0.46	0.42	0.41
6	0.61	0.51	0.44	0.39	0.59	0.5	0.43	0.37	0.48	0.43	0.38	0.47	0.42	0.38	0.46	0.41	0.38	0.36
7	0.57	0.46	0.39	0.34	0.55	0.45	0.39	0.33	0.44	0.38	0.34	0.43	0.38	0.34	0.42	0.37	0.34	0.32
8	0.53	0.42	0.35	0.31	0.51	0.42	0.35	0.3	0.4	0.35	0.31	0.39	0.34	0.3	0.39	0.34	0.3	0.29
9	0.49	0.39	0.32	0.28	0.48	0.38	0.32	0.27	0.37	0.32	0.28	0.36	0.31	0.28	0.36	0.31	0.27	0.26
10	0.46	0.36	0.3	0.25	0.45	0.35	0.29	0.25	0.35	0.29	0.25	0.34	0.29	0.25	0.33	0.28	0.25	0.24

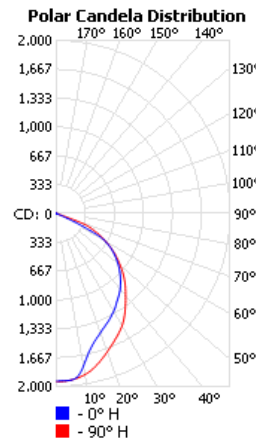
Photometric Data

- LED Luminous Efficacy: 101 lm/W
- CRI: > 70

Lifetime and Qualifications

- Lifetime: L70 > 60,000 hours
- Warranty: 5 years
- Product meets UL safety requirements
- ETL listed.
- Designed for outdoor use.

Polar Candela Distribution



Illuminance at a Distance

