

Technical Information Bulletin

LED Choice Flood Lights



Date: _____ Name of distributor: _____
 In hands date of project: _____ Client #: _____
 Project name/Number: _____ Name of end user: _____

ORDERING INFORMATION

Order code: 67301
 Description: FL/20W/30K/KN/BK/CHOICE/STD
 UPC: 69549673014
 Case quantity: 1 / 40



PHYSICAL DATA

Type: Flood Light
 Finish: Black
 Mounting: Knuckle

PERFORMANCE DATA

Watts (W): 20
 Volts (VAC): 120
 Colour temp. (K)¹: 3 000
 Lumen output (lm)²: 1 803
 Lumen per Watts (lm/W): 96
 CRI: 80
 Life L70 (hrs)³: 50 000
 Beam angle (°): 120
 THD (%): 16.21
 Power factor: 0.9866
 Surge protection (Kv): 1
 Frequency (Hz): 50/60
 Operating temp. range: -40 °C to 50 °C (-40 °F to 122 °F)
 Photocell: No

¹ Typical colour temperature range: +/- 5 %

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %

³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations



DESCRIPTION AND OTHER OPTIONS

FL	/	120	/	10W	/	30K	/	KN	/	BK	/	CHOICE	/	STD
Type		Volts		Watts		Colour Temperature		Mounting		Finish		Sub-brand		Brand
FL Flood Light		120 120 VAC		10W 10 watts 20W 20 watts 30W 30 watts 50W 50 watts		30K 3 000 K 40K 4 000 K		KN Knuckle YK Yoke		BK Black		CHOICE Choice		STD STANDARD

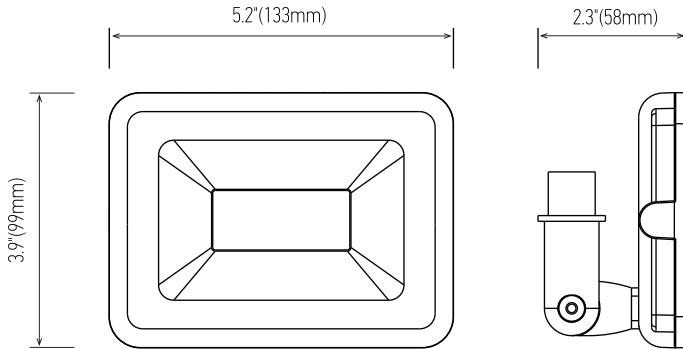
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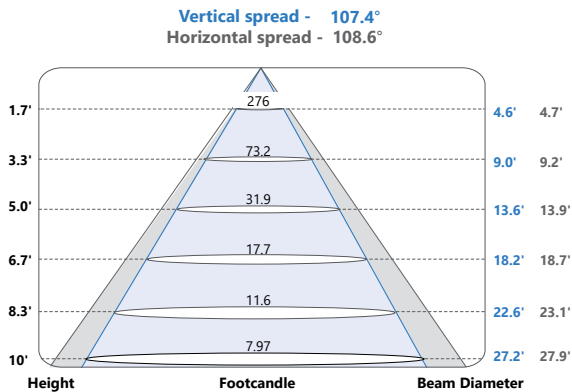


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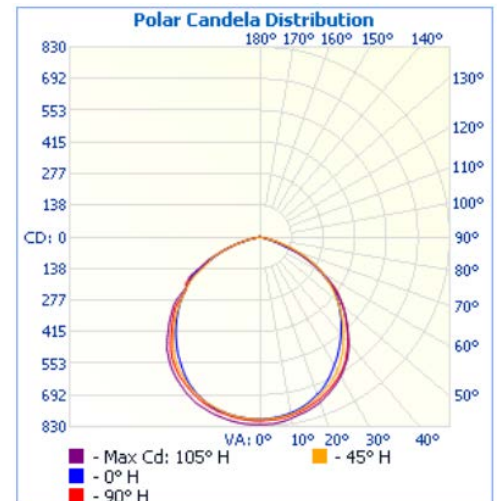
TECHNICAL DRAWINGS AND DIMENSIONS



BEAM SPREAD*



CANDELA DISTRIBUTION*



COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)*

		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		1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00			
1		1.10	1.06	1.02	.99	1.08	1.04	1.00	.87	1.00	.97	.94	.96	.94	.91	.92	.90	.89	.87			
2		1.01	.93	.87	.82	.98	.92	.86	.75	.88	.83	.79	.85	.81	.77	.82	.79	.76	.74			
3		.92	.83	.75	.69	.90	.81	.74	.64	.78	.72	.67	.75	.70	.66	.73	.69	.65	.63			
4		.85	.73	.65	.59	.83	.72	.64	.56	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54			
5		.78	.66	.57	.51	.76	.65	.57	.49	.63	.55	.50	.61	.54	.49	.59	.53	.49	.47			
6		.72	.59	.51	.44	.70	.58	.50	.43	.57	.49	.44	.55	.48	.43	.53	.48	.43	.41			
7		.67	.54	.45	.39	.65	.53	.45	.38	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36			
8		.62	.49	.41	.35	.61	.48	.40	.34	.47	.40	.35	.46	.39	.35	.45	.39	.34	.33			
9		.58	.45	.37	.32	.57	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29			
10		.55	.42	.34	.29	.53	.41	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.27			

*Complete IES files available on our website

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name:

Company:

Signature:

Date: