

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: 67229
 Description: FL/50W/40K/KN/BK/CHOICE/STD
 UPC: 69549672291
 Case quantity: 1 / 20



PHYSICAL DATA

Type: Flood Light
 Finish: Black
 Mounting: Knuckle

PERFORMANCE DATA

Watts (W): 50
 Volts (VAC): 120
 Colour temp. (K)¹: 4 000
 Lumen output (lm)²: 5 397
 Lumen per Watts (lm/W): 102
 CRI: 80
 Life L70 (hrs)³: 50 000
 Beam angle (°): 120
 THD (%): 22.62
 Power factor: 0.9729
 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

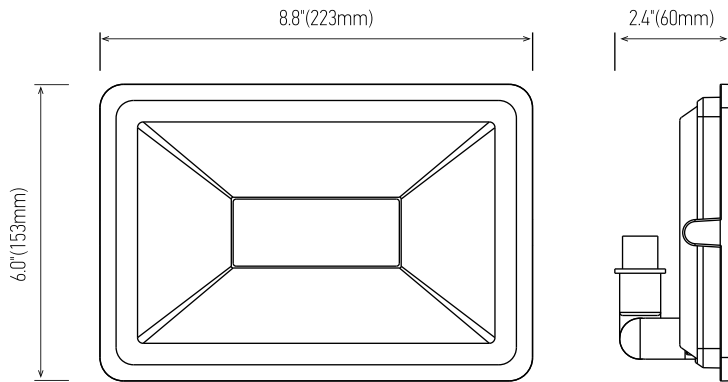
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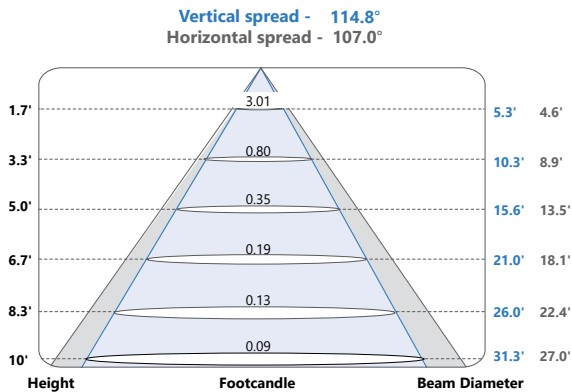


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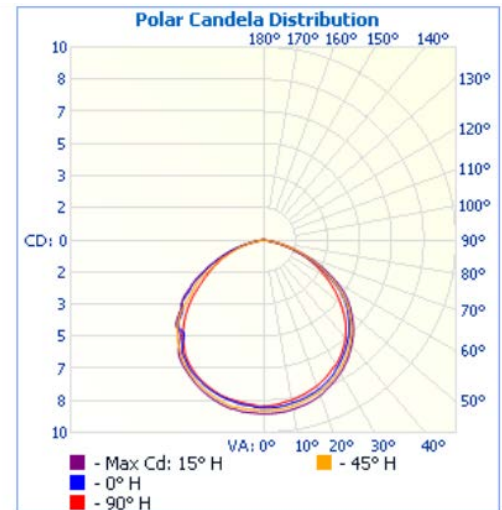
TECHNICAL DRAWINGS AND DIMENSIONS



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	1.05	1.02	.98	1.07	1.03	1.00	.87	.99	.96	.93	.95	.93	.91	.92	.90	.88	.86			
2	1.00	.92	.86	.81	.98	.91	.85	.74	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72			
3	.92	.81	.74	.67	.89	.80	.73	.63	.77	.71	.66	.74	.69	.64	.72	.67	.63	.61			
4	.84	.72	.64	.57	.82	.71	.63	.54	.68	.61	.56	.66	.60	.55	.64	.59	.55	.52			
5	.77	.65	.56	.49	.75	.63	.55	.47	.61	.54	.48	.59	.53	.48	.58	.52	.47	.45			
6	.71	.58	.49	.43	.69	.57	.49	.41	.55	.48	.42	.54	.47	.42	.52	.46	.42	.40			
7	.66	.53	.44	.38	.64	.52	.44	.37	.50	.43	.37	.49	.42	.37	.47	.42	.37	.35			
8	.61	.48	.40	.34	.60	.47	.39	.33	.46	.39	.33	.45	.38	.33	.44	.38	.33	.31			
9	.57	.44	.36	.30	.56	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28			
10	.54	.41	.33	.27	.52	.40	.32	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25			

*Complete IES files available on our website

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____

Date: _____