

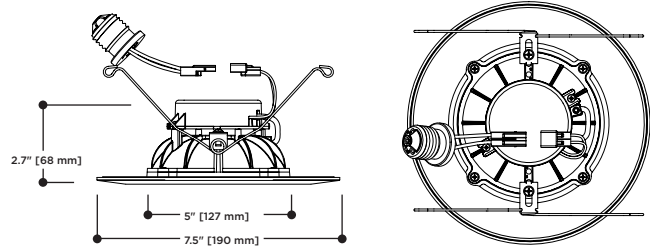


Catalog #:

Project: Date:

Prepared by:

Comments:



FEATURES

MECHANICAL

- Compatible with most 5" and 6" housings.
- Die cast aluminum heat sink.
- Satin white cast aluminum flange.
- Twin torsion spring retention.

OPTICAL

- Frosted white lens disperses diode brightness
- R9>50, Beam angle = 96°

ELECTRICAL

- 65W incandescent equivalent at 11 W.
- Connects to LiteChoice LED Housings with integral quick-connect.
- E26 screw-base adapter for incandescent housing compatibility.
- Integral electronic driver.

CONTROL

- Dimmable to 10% with most incandescent dimmers (see below)

CERTIFICATIONS

- ETL listed to US and Canadian safety standards.
- Rated for IC & non-IC installations.
- Rated for wet-location.
- ENERGY STAR qualified.
- California T24 compliant.
- Complies with Voluntary California Quality LED Lamp Specification.

WARRANTY

- 5 year limited warranty

TRIM ORDERING

Example: 1F6WHWH-2C27

1F	6	WH	WH	-	2	C	27
TRIM TYPE	APERTURE	OPTIC FINISH	FLANGE FINISH		OUTPUT	CRI	COLOR TEMP
1F = Flat Lens	6 = 6"	WH = White	WH = White		2 = 600-775 lm	C = 90+ CRI CEC Compliant	27 = 2700K 35 = 3500K 40 = 4000K 50 = 5000K

TECHNICAL

Color Consistency:	4-Step SDCM
L70 Diode Life:	50,000 Hours
Max. Ambient Temperature:	45°C
Min. Starting Temperature:	0° F / -18° C
Sound Rating:	Class A
Power Factor:	>0.91
THD:	<20%

TRIM	VOLTS	LUMENS	WATTS	LPW
1F6WHWH-2C27	120v	670 lm	11 w	61 lm/ w

LiteChoice Housing Compatibility	
HL6N8	HL5N8
HL6R8	HL5N8

DIMMING COMPATIBILITY

Dimming Range:	100-10%
LED trims described herein are compatible with most standard 120V incandescent forward phase-leading and 120V electronic low voltage phase-trailing edge dimmers. Dimming range varies with the dimmer control used.	
Recommended 120V Incandescent Dimmers	
• Lutron TGCL-153P	• Lutron LGCL-153P
• Lutron AYCL-153P	• Lutron MACL-153M
• Lutron DVWCL-153P	• Lutron SCL-153P
• Lutron DVCL-153P	• Lutron CTCL-153P
• Leviton 6674-POW	• Leviton IPL06-10Z
Recommended 120V Electronic Low Voltage Dimmers	

PHOTOMETRY

CATALOG NO. 1F6WHWH-2C27

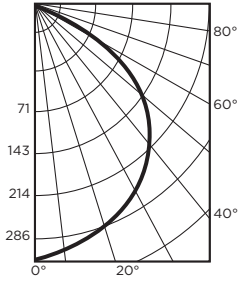
Test Report#: 523609
 System Wattage: 10.3 W
 Fixture Lumens: 658 lm
 Fixture Efficacy: 63.9 lm/W
 Spacing Criterion: 1.18

Cone of Light

One Unit

Mounting Height	Beam Diameter	Center fc	Edge fc
4.0	8.8	17.9	2.7
6.0	13.2	7.9	1.2
8.0	17.6	4.5	0.7
10.0	22.0	2.9	0.4
12.0	26.4	1.5	0.2
14.0	30.8	1.1	0.2

Intensity Diagram



Intensity Table

Angle	cd
0	286
5	284
15	269
25	241
35	202
45	157
55	111
65	67
75	27
85	2
90	0

Zonal Lumens

Zone	Lumens	% Lamp
0°-30°	213	32%
0°-40	339	52%
0°-60°	559	85%
0°-90°	658	100%
90°-180°	0	0%
0°-180°	658	100%

Coefficients of Utilization

pf	80%						20%			50%		
	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	116	116	116	111	111	111	111	111	
1	106	102	99	104	100	97	99	96	94	94	94	
2	93	87	82	91	86	81	88	83	79	79	79	
3	83	75	69	81	74	69	78	72	67	67	67	
4	74	66	59	73	65	59	70	63	58	58	58	
5	66	58	52	65	57	51	63	56	51	51	51	
6	60	52	45	59	51	45	57	50	45	45	45	
7	55	46	40	54	46	40	52	45	40	40	40	
8	50	42	36	49	42	36	48	41	36	36	36	
9	46	38	33	46	38	33	44	37	33	33	33	
10	43	35	30	42	35	30	41	34	30	30	30	