HIGH5LED

Job Name:

Type:

Part #:

Notes:

HCRD10-5L

10" Architectural Round Downlight
Lumen & Kelvin Selectable

HOUSING: Premium powder-coat, aluminum, white housing.

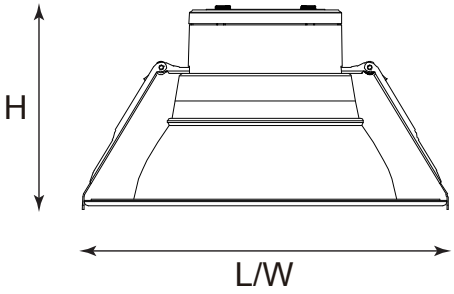
ELECTRICAL:
- Universal 120-277V AC voltage (50-60Hz) standard.
- 0-10VDC dimming drivers are standard.
- 21.65” flexible metal conduit with additional 6” of conductor standard.
- Input transient surge protection = 1kV.
- Type IC.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

OPTICAL SYSTEM:
- Polycarbonate diffuser.
- Field selectable 2700k(soft white), 3000k(warm white), 3500k(warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures*.
- Tri-Lumen selectable delivers 3,000 to 5,000 nominal lumens*.
- Long-life LEDs provide 149,000 hours of operation with at least 70%of initial lumen output (L70),and 44,000 hours with at least 90% of initial lumen output (L90)**.
- LED color maintenance < -0.0047 chromaticity shift (Δu’v’) over the initial 6,000 hours of operation.
- Beam angle 65°.
- Color rendering index > 90.

** Factory Default kelvin temperature 4000k and highest lumen output **L70 & L90 hours are IES TM-21-11 calculated hours.*

MOUNTING:
- Recessed in ceiling, new construction or retrofit.
- Access above ceiling required.
- Covered ceiling mount only.
- Compatible with 8.97” ceiling cut-outs and 10” mounting frames.

WARRANTY: 5 year warranty on all electronics and housing.



L (in)	W(in)	H(in)	Weight (lbs)	Cut Out (in)
11.4	11.4	6.01	2.43	8.97”

CODE COMPLIANCE:
- cETLus listed for wet locations.
- Energy Star certified.
- Complies with FCC part 15, class B.
- Complies with Title 24.

ORDERING INFORMATION Example: HCRD10-5L-LKFS-SW

Series	Nominal Lumen Output (Selectable)	Kelvin (Selectable)	Baffle Type
HCRD10	5L 5000/ 4000/ 3000lm	LKFS 2700 / 3000/ 3500/ 4000/ 5000K	SW Specular White

2026.09

Office: 267-982-2661
www.High5LED.com

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Job Name:

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ACCESSORIES (ORDER SEPARATELY)

Mounting Option:

MP-UD46810-NC: Mounting plate for 4”, 6”, 8” and 10” canless recessed downlights.

Remote Mount EM Drivers

BLEM-INDRV-HV40W: 40W Emergency Driver

LUMEN TABLES

Series	Measurements	Low Lumens					Mid Lumens					High Lumens				
		2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
HCRD10-5L-LKFS-SW	Lumens	2893	2876	2862	2947	2931	3660	3701	3621	3710	3826	4227	4616	4677	4797	4737
	Watts	31.80	31.50	30.90	30.90	31.80	41.60	52.20	40.30	40.40	41.70	48.30	47.80	46.70	46.80	48.70
	Efficacy	90.98	91.29	92.61	95.37	92.16	87.97	70.90	89.85	91.83	91.74	87.51	96.56	100.15	102.37	97.26

ELECTRICAL DATA

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
HCRD10-5L-LKFS-SW	2700K	0.27	0.13	0.11	0.35	0.17	0.15	0.40	0.20	0.17
	3000K	0.26	0.13	0.11	0.44	0.22	0.19	0.40	0.20	0.17
	3500K	0.26	0.13	0.11	0.34	0.17	0.15	0.39	0.19	0.17
	4000K	0.26	0.13	0.11	0.34	0.17	0.15	0.39	0.20	0.17
	5000K	0.27	0.13	0.11	0.35	0.17	0.15	0.41	0.20	0.18

COMPATIBLE DIMMERS AND CONTROLS

Manufacturer	Model Number			
Lutron	RMJS-8T-DV-B	Diva DVSTV	MS-Z101-WH	DVSTV-WH
Legrand	RH4FBL3PW	-	-	-

PHOTOMETRICS

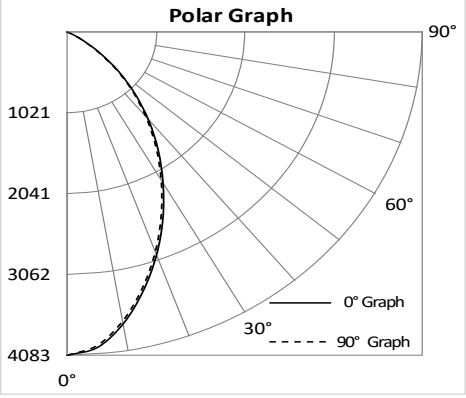
HCRD10-5L-LKFS-SW Luminaire Data

Description	CommercialDownlight Lumen/Kelvin Selectable
Total Lumens	4,887
Input Wattage	49
Efficacy (lm/W)	100
Spacing Criterion (0-180°)	0.9
Spacing Criterion (90-270°)	0.88

Photometrics calculated at 2700k - high lumens setting

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	1,306	26.7%
0-30°	2,479	50.7%
0-40°	3,591	73.5%
20-50°	3,110	63.6%
40-70°	1,291	26.4%
0-60°	4,809	98.4%
0-80°	4,886	100.0%
0-90°	4,887	100.0%
90-180°	0	0.0%
0-180°	4,887	100.0%



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