SS8G4DRR / IC830

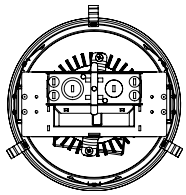
8" SS LED Remodel Downlight Gen 4

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

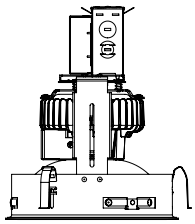
ELECTRICAL DATA

LED Light Engine	System Wattage *		CCT	Nominal Delivered Lumens **
	120-277V	347V		
L1	9W	9.7W	3500K	1000lm
L2	13W	14.5W	3500K	1500lm
L3	17W	19.5W	3500K	2000lm

*System Wattage includes driver and LED Module consumption. | **Delivered lumen output will vary depending on CCT selection.



8 5/16"



11 9/16"

9"

LED MODULE
- Powered by OSRAM high performance LED engine
- 50,000 hours at 70% lumen maintenance
- 80 CRI at 2700K, 3000K, 3500K, 4000K

ELECTRICAL SYSTEM
- Universal voltage 120-277V when specified with Osram 0-10V 1% or Intellect options only
- eldoLED, Lutron and DMX Dimming must specify voltage
- Phase dimming available in 120V only
- 347V available with Osram 0-10V 1% Dimming only
- Power factor >.9, 50/60Hz

DIMMING
- 0-10V Dimming 1%
- Forward/Reverse Phase Dimming 1% (120V only)
- EldoLED 0-10V 0.1% or 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- Lutron® LTEA2W Hi-Lume 1% 2-Wire LED driver (120V forward phase only)
- Lutron® LDE5 5-Series EcoSystem LED driver
- DMX512 RDM 0.1%

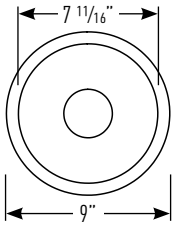
OPTICAL SYSTEM
Specification grade reflector with 1.2mm thickness. Reflector available in clear specular, haze or white. Architectural, discrete polished self flange standard. Optional painted white flange is available. Meets RP-1 requirements with controlled light distribution at a 55° cut off.

INSTALLATION
Three high tensions springs secure fixture into ceiling with up to 5/8" thickness.

Intellect™
- Listed on the DesignLights Consortium (DLC) Qualified Product List (QPL) for Networked Lighting Control systems
- Integrated control system provides occupancy and light level detection, and controls the load directly by the power control module Integrated intelligent fixture controls
- Only hot and neutral power required at all devices, no need for control wires
- 12' ceiling height maximum
- 24" cable provided for connection between sensor and power control module
- Keypad room controller must be specified separately
- Visit Leviton Intellect™ for more information

FRAME CONSTRUCTION
Heavy duty galvanized steel frame with a large access junction box. ETL listed for through wiring. LED light engine and driver are accessible from above or below ceiling.

LISTING/WARRANTY
- ETL listed to US and Canadian standards for damp locations.
- 5-Year Intense LED Limited Warranty



7 11/16"

9"

Sensor Control Module

1 1/4"

Ceiling Cut Out: 8"
Maximum Ceiling Thickness: 1 1/4"

Housing Part Number (Example: SS8G4DRRL3358)

Housing	LED Module	CCT / CRI	Dimming	Voltage
SS8G4DRR	☐ **L1** (9 Watts) ☐ **L2** (13 Watts) ☐ **L3** (17 Watts)	☐ **278** (2700K / 80 CRI) ☐ **308** (3000K / 80 CRI) ☐ **358** (3500K / 80 CRI) ☐ **408** (4000K / 80 CRI)	☐ blank (Osram 0-10V 1%) ☐ **-IE**[1] (Intellect Wireless 1%) ▼ Not available with universal voltage, must specify blank (120V) or 27 (277V) ▼ ☐ **-DIM**[2,3] (Phase Dimming) ☐ **-ED10V1** (eldoLED 0-10V 1%) ☐ **-ED10V01** (eldoLED 0-10V 0.1%) ☐ **-LUT**[4] (Lutron® LDE1 EcoSystem 1%) ☐ **-LUT5**[4] (Lutron® LDE5 EcoSystem 5%) ☐ **-LUT2**[3,4] (Lutron® LTEA2W 2-Wire 1%) ☐ **-DMXR**[5] (DMX512 RDM 0.1%)	☐ blank (Universal 120/277V) ☐ **34**[6] (347V) ☐ blank (120V) ☐ **27** (277V)

Reflector Part Number (Example: IC830HZ-SF)

Reflector	Reflector Finish	Trim
IC830	☐ **C** (Clear) ☐ **HZ** (Haze) ☐ **W** (White)	☐ **-SF** (Self Flanged) ☐ **-SFW** (Self Flanged White)

Notes:
1. Intellect not available with eldoLED, Lutron, DALI or DMX Dimming (Integrated intellect control system includes sensor and power pack Keypad Room Controller must be specified separately)
2. Not available in L1 & L2
3. Not available in 277V
4. Lutron not available in L1
5. DMX512 RDM not available in L1 & L2
6. 347V only available with Osram 0-10V 1% Dimming

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | **tel** 714 630-9877 | **fax** 714 630-9883

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.
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SS8G4DRR / IC830

8" SS LED Remodel Downlight Gen 4

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SS8G4DRRL1358 / IC830C

Test #: ILL-20170223-10.008
Lumens: 1011.8lm
Watts: 8.6W
Efficacy: 117 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	33fc	5' 3"
8'	18.5fc	7' 1"
10'	11.9fc	8' 9"
12'	8.2fc	10' 7"

Candela Distribution

Angle	Candela
0°	1187
5°	1159
15°	950
25°	557
35°	424
45°	139

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	631	62
0-40	888	88
0-60	1,007	100
60-90	5	.5
0-90	1,012	100

L1 LED Module - CCT Multipliers:
2700K (x 1.00), 3000K (x 1.00), 3500K (x 1.00), 4000K (x 1.08)

SS8G4DRRL2358 / IC830C

Test #: ILL-20170223-10.009
Lumens: 1519.8lm
Watts: 12.8W
Efficacy: 118 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	49.5fc	5' 3"
8'	27.8fc	7' 1"
10'	17.8fc	8' 9"
12'	12.4fc	10' 7"

Candela Distribution

Angle	Candela
0°	1782
5°	1741
15°	1426
25°	837
35°	637
45°	210

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	948	62
0-40	1,334	88
0-60	1,513	100
60-90	7	.5
0-90	1,520	100

L2 LED Module - CCT Multipliers:
2700K (x 0.95), 3000K (x 0.97), 3500K (x 1.00), 4000K (x 1.03)

SS8G4DRRL3358 / IC830C

Test #: ILL-20170223-10.010
Lumens: 2023.6lm
Watts: 17.2W
Efficacy: 117 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	65.9fc	5' 3"
8'	37.1fc	7' 1"
10'	23.7fc	8' 9"
12'	16.5fc	10' 7"

Candela Distribution

Angle	Candela
0°	2373
5°	2319
15°	1899
25°	1114
35°	847
45°	279

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	1,262	62
0-40	1,776	88
0-60	2,014	100
60-90	10	.5
0-90	2,024	100

L3 LED Module - CCT Multipliers:
2700K (x 0.97), 3000K (x 0.97), 3500K (x 1.00), 4000K (x 1.03)

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