

SS6G4DRR / IC630

6" 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.

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.

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.

Intellect™

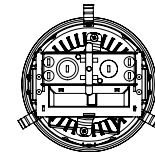
- Listed on the DesignLights Consortium [DLC] Qualified Product List (QPL) for Networked Lighting Control systems
- Integrated control system provides occupancy and light level detection, and controls the load directly by the power control module Integrated intelligent fixture controls
- Only hot and 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 info

INSTALLATION

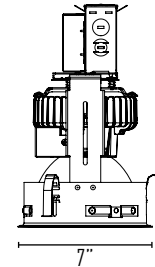
Three high tensions springs secure fixture into ceiling with up to 5/8" thickness

LISTING/WARRANTY

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

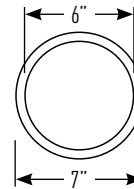


6 13/16"



11 9/16"

7"



6"

7"

Sensor Control Module

1 1/4"

Ceiling Cut Out: 6 1/2"

Maximum Ceiling Thickness: 5/8"

Housing Part Number (Example: SS6G4DRRL3358)

Housing	LED Module	CCT / CRI	Dimming	Voltage
SS6G4DRR	L1 (9 Watts)	278 (2700K / 80 CRI)	blank (Osram 0-10V 1%)	blank (Universal 120/277V)
	L2 (13 Watts)	308 (3000K / 80 CRI)	-IE ¹ (Intellect Wireless 1%)	34 ⁶ (347V)
	L3 (17 Watts)	358 (3500K / 80 CRI)	▼ Not available with universal voltage, must specify blank (120V) or 27 (277V) ▼	
		408 (4000K / 80 CRI)		
			-DIM ^{2,3} (Phase Dimming)	blank (120V)
			-ED10V1 (elDoLED 0-10V 1%)	27 (277V)
			-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%)	

Reflector Part Number (Example: IC630HZ-SF)

Reflector	Reflector Finish	Trim
IC630	C (Clear)	-SF (Self Flanged)
	HZ (Haze)	-SFW (Self Flanged White)
	W (White)	

Notes:

- 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)
- Not available in L1 & L2
- Not available in 277V
- Lutron not available in L1
- DMX512 RDM not available in L1 & L2
- 347V only available with Osram 0-10V 1% Dimming

SS-DOWNLIGHTING L1/M-841.21 P-13

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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JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SS6G4DRRL1358 / IC630C

Test #: ILL-20170223-01.008
 Lumens: 1012.1lm
 Watts: 8.6W
 Efficacy: 117 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	36.7fc	5' 7"
8'	20.7fc	7' 6"
10'	13.2fc	9' 6"
12'	9.2fc	11' 5"

Candela Distribution

Angle	Candela
0°	1322
5°	1299
15°	1106
25°	684
35°	335
45°	66

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	743	73
0-40	951	94
0-60	1,010	100
60-90	2	.2
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)

SS6G4DRRL2358 / IC630C

Test #: ILL-20170223-01.009
 Lumens: 1520.2lm
 Watts: 12.8W
 Efficacy: 118 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	55.2fc	5' 7"
8'	31fc	7' 6"
10'	19.9fc	9' 6"
12'	13.8fc	11' 5"

Candela Distribution

Angle	Candela
0°	1986
5°	1951
15°	1661
25°	1028
35°	503
45°	99

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	1,116	73
0-40	1,428	94
0-60	1,517	100
60-90	4	.2
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)

SS6G4DRRL3358 / IC630C

Test #: ILL-20170223-01.010
 Lumens: 2024.2lm
 Watts: 17.2W
 Efficacy: 117 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	73.5fc	5' 7"
8'	41.3fc	7' 6"
10'	26.4fc	9' 6"
12'	18.4fc	11' 5"

Candela Distribution

Angle	Candela
0°	2645
5°	2598
15°	2211
25°	1369
35°	670
45°	132

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	1,486	73
0-40	1,901	94
0-60	2,019	100
60-90	5	.2
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)