

SS6G4DR / IC632

6" SS LED Lensed Downlight Gen 4 - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *		CCT	Nominal Delivered Lumens **
	120-277V			
L1	9W	9.7W	3500K	700lm
L2	13W	14.5W	3500K	1050lm
L3	17W	19.5W	3500K	1400lm

* 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% option 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

EMERGENCY BACKUP

Remote test switch included. External battery operates LED load of up to 7W at a minimum of 600 lumens for 90 minutes (EM7).

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.

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® LDE5 5-Series EcoSystem LED driver
- DMX512 RDM 0.1%

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.

INSTALLATION

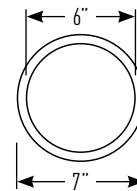
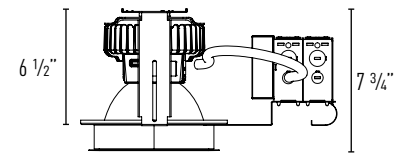
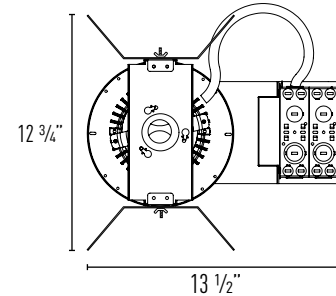
The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar hanger and EMT. Bar hangers must be ordered separately. C-channel is recommended for T-bar ceilings. Maximum ceiling thickness is 1 1/4".

END-OF-LIFE INDICATOR

Optional end-of-life indicator helps the end user to receive a signal from the fixture indicating that it has reached its programmed life-time. After the LED driver reaches the programmed life-time, whenever it is turned ON, it stays at 'Dim' level (10%) for 10 minutes and then reaches its appropriate level.

LISTING/WARRANTY

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



Ceiling Cut Out: 6 1/2"
Maximum Ceiling Thickness: 1 1/4"

Housing Part Number (Example: SS6G4DRL3358)

Housing	LED Module	CCT / CRI	Dimming	Voltage	Options
SS6G4DR	L1 (9 Watts)	278 (2700K / 80 CRI)	blank (Osram 0-10V 1%)	blank (Universal 120/277V)	EM7 (7W Emergency Backup with Remote Test Switch) EOL (End-of-Life Indicator at 50,000 hours) I100 (C-Channel Bar Hangers) I200 (Flat Bar Hangers) I400 (Wood Joist Bar Hangers)
	L2 (13 Watts)	308 (3000K / 80 CRI)		34 ³ (347V)	
	L3 (17 Watts)	358 (3500K / 80 CRI)			
		408 (4000K / 80 CRI)			
▼ Not available with universal voltage, must specify blank (120V) or 27 (277V) ▼					
			-DIM ^{1,2} (Phase Dimming)	blank (120V)	
			-ED10V1 (eldoLED 0-10V 1%)	27 (277V)	
			-ED10V01 (eldoLED 0-10V 0.1%)		
			-LUT ³ (Lutron® LDE1 EcoSystem 1%)		
			-LUT5 ³ (Lutron® LDE5 EcoSystem 5%)		
			-DMXR ⁴ (DMX512 RDM 0.1%)		

Reflector Part Number (Example: IC632HZ-SF-CR)

Reflector	Reflector Finish	Trim	Lens Type
IC632	C (Clear)	-SF (Self Flanged)	-CR (Clear Tempered)
	HZ (Haze)	-SFW (Self Flanged White)	-SB (Sand Blasted)
	W (White)		

Notes:

- 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-0318;26 P-7

INTENSE LIGHTING | 725 Landwehr Road, Northbrook, IL 60062 | tel 714 630-9877

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 847 559.5500.

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SS6G4DR / IC632

6" SS LED Lensed Downlight Gen 4 - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SS6G4DRL1358 / IC632C-CR

Test #: ILL-20170223-04.001
Lumens: 708.1lm
Watts: 8.6W
Efficacy: 82 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	15.1fc	8' 3"
8'	8.5fc	11' 1"
10'	5.4fc	13' 8"
12'	3.8fc	16' 6"

Candela Distribution

Angle	Candela
0°	544
5°	545
15°	540
25°	441
35°	275
45°	91

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	404	57
0-40	574	81
0-60	680	96
60-90	29	4
0-90	708	100

L1 LED Module - CCT Multipliers:

2700K (x 1.00), 3000K (x 1.00), 3500K (x 1.00), 4000K (x 1.08)

SS6G4DRL2358 / IC632C-CR

Test #: ILL-20170223-04.002
Lumens: 1063.6lm
Watts: 12.8W
Efficacy: 83 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	22.7fc	8' 3"
8'	12.8fc	11' 1"
10'	8.2fc	13' 8"
12'	5.7fc	16' 6"

Candela Distribution

Angle	Candela
0°	817
5°	819
15°	811
25°	662
35°	412
45°	136

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	607	57
0-40	862	81
0-60	1,021	96
60-90	43	4
0-90	1,064	100

L2 LED Module - CCT Multipliers:

2700K (x 0.95), 3000K (x 0.97), 3500K (x 1.00), 4000K (x 1.03)

SS6G4DRL3358 / IC632C-CR

Test #: ILL-20170223-04.003
Lumens: 1416.3lm
Watts: 17.2W
Efficacy: 82 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	30.2fc	8' 3"
8'	17fc	11' 1"
10'	10.9fc	13' 8"
12'	7.6fc	16' 6"

Candela Distribution

Angle	Candela
0°	1088
5°	1090
15°	1090
25°	881
35°	549
45°	182

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	808	57
0-40	1,148	81
0-60	1,359	96
60-90	57	4
0-90	1,416	100

L3 LED Module - CCT Multipliers:

2700K (x 0.97), 3000K (x 0.97), 3500K (x 1.00), 4000K (x 1.03)