

SS4G4DR / IC432

4" 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	347V		
L1	9W	9.7W	3500K	650lm
L2	13W	14.5W	3500K	1000lm
L3	17W	19.5W	3500K	1350lm

* 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 550 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

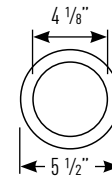
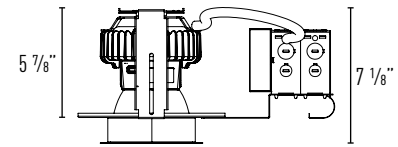
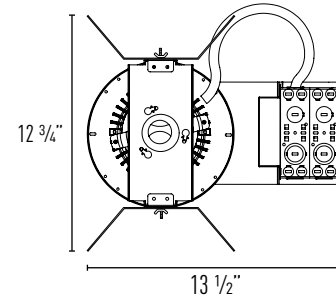
The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar hanger and EMT. Bar hangers must be ordered separately. C-channel is recommended for T-bar ceilings. Maximum ceiling thickness 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: 4 3/8"
Maximum Ceiling Thickness: 1 1/4"

Housing Part Number (Example: SS4G4DRL3358)

Housing	LED Module	CCT / CRI	Dimming	Voltage	Options
SS4G4DR	L1 (9 Watts)	278 (2700K / 80 CRI)	blank (Osram 0-10V 1%)	blank (Universal 120/277V)	EM7 (7W Emergency Backup with Remote Test Switch)
	L2 (13 Watts)	308 (3000K / 80 CRI)		34 ⁵ (347V)	EOL (End-of-Life Indicator at 50,000 hours)
	L3 (17 Watts)	358 (3500K / 80 CRI)			I100 (C-Channel Bar Hangers)
		408 (4000K / 80 CRI)			I200 (Flat Bar Hangers)
			▼ Not available with universal voltage, must specify blank (120V) or 27 (277V) ▼		I400 (Wood Joist Bar Hangers)
			-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: IC432HZ-SF-CR)

Reflector	Reflector Finish	Trim	Lens Type
IC432	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.3

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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SS4G4DR / IC432

4" SS LED Lensed Downlight Gen 4 - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

SS4G4DRL1358 / IC432C-CR

Test Number: ILL-20170227-03.001
 Lumens: 666.4lm
 Watts: 8.6W
 Efficacy: 77 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	24.4fc	5' 1"
8'	13.7fc	6' 9"
10'	8.8fc	8' 6"
12'	6.1fc	10' 3"

Candela Distribution

Angle	Candela
0°	879
5°	858
15°	677
25°	396
35°	203
45°	67

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	448	67
0-40	575	86
0-60	652	98
60-90	15	2
0-90	666	100

L1 LED Module - CCT Multipliers:

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

SS4G4DRL2358 / IC432C-CR

Test Number: ILL-20170227-03.002
 Lumens: 1000.9lm
 Watts: 12.8W
 Efficacy: 78 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	36.7fc	5' 1"
8'	20.6fc	6' 9"
10'	13.2fc	8' 6"
12'	9.17fc	10' 3"

Candela Distribution

Angle	Candela
0°	1321
5°	1300
15°	1018
25°	594
35°	305
45°	101

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	673	67
0-40	864	86
0-60	979	98
60-90	22	2
0-90	1,000	100

L2 LED Module - CCT Multipliers:

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

SS4G4DRL3358 / IC432C-CR

Test Number: ILL-20170227-03.003
 Lumens: 1332.8lm
 Watts: 17.2W
 Efficacy: 77 lm/w

Distance to Floor (Feet)	Footcandles at Nadir	Beam Diameter (Feet)
6'	48.9fc	5' 1"
8'	27.5fc	6' 9"
10'	17.6fc	8' 6"
12'	12.2fc	10' 3"

Candela Distribution

Angle	Candela
0°	1759
5°	1715
15°	1355
25°	792
35°	407
45°	135

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	896	67
0-40	1,150	86
0-60	1,304	98
60-90	29	2
0-90	1,333	100

L3 LED Module - CCT Multipliers:

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