

SS6DRRWD / IC630

6" SS LED Remodel Downlight Warm Dim

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

WD2	System Wattage*	CCT / CRI	Nominal Delivered Lumens**
WD1	16.5W	3000K - 1800K	1045lm
WD2	26.5W	3000K - 1800K	1550lm

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

FEATURES

- Dimming profile that warms as it dims, launching at 3000K at full intensity to 1800K at 1%
- Warm dim profile mimics the dimming curve of halogen-getting warmer as intensity decreases.

LED LIGHT ENGINE

- 3000K to 1800K at 90 CRI
- 3 Step MacAdam (3 SDCM) binning within nominal CCTs
- 50,000 hours average rated life at 70% output

ELECTRICAL SYSTEM

- Universal voltage 120-277V (347V available, consult factory)
- Osram Optotronic® standard with 0-10V dimming to 1%
- Power factor > .9, 50/60Hz
- Multiple dimming options available

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.

EMERGENCY BACKUP

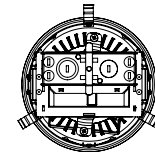
External battery operates LED load of up to 7W at a minimum of 550 lumens for 90 minutes (EM7), or 20W at a minimum of 1900 lumens for 90 minutes (EM20). Available with remote or integral test switch, must specify.

INSTALLATION

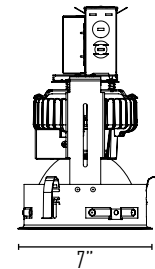
Three high tensions springs secure fixture into ceiling with up to 5/8" thickness.

LISTING/WARRANTY

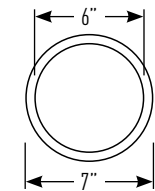
- ETL listed to US and Canadian standards for damp locations.
- 5-Year Intense LED Limited Warranty



6 13/16"



11 9/16"



Ceiling Cut Out: 6 1/2"
 Maximum Ceiling Thickness: 5/8"

Housing Part Number (Example: SS6DRWD2)

Housing	LED Light Engine	Dimming (120-277V)	Voltage	Options
SS6DRR	WD1 (16.5W / 3000K - 1800K)	blank (0-10V Dimming 1%)	blank (120V)	EM7 (7W Emergency Backup w/ Remote Test Switch IOTA part #ILB-CP07-A)
	WD2 (26.5W / 3000K - 1800K)	-ED10V1 (eldoLED 0-10V 1%)	27 (277V)	
		-ED10V01 (eldoLED 0-10V 0.1%)		EM7T (7W Emergency Unit w/ Integral Test Switch IOTA part #ILB-CP07-R)
		-LUT (Lutron EcoSystem® 1%)		EM20 ¹ (20W Emergency Backup w/ Remote Test Switch IOTA ILB-CP20-HE-S)
				I100 (C-Channel Bar Hangers)
				I200 (Flat Bar Hangers)
				I400 (Wood Joist Bar Hangers)

Reflector Part Number (Example: IC630HZ-SF)

Reflector	Reflector Finish	Trim	Option
IC630	C (Clear)	-SF (Self-Flanged)	EM7T (Integral Test Switch)
	HZ (Haze)	-SFW (Self-Flanged White)	
	W (White)		

Notes:
 1. 20W emergency not available in WD1

SS DOWNLIGHTING WARM DIM L/M-094-20 P-11

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	

SS6DRRWD1 / IC630C

Report #: SS6DRRWD1_IC630C

Watts: 16.6
 Lumens: 1047
 LPW: 63
 CCT: 3000K

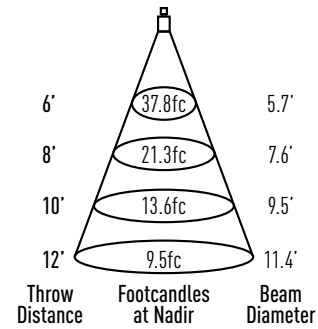
Reflector Finish Multipliers:

Haze (x 0.84)
 White (x 0.9)

Candelas at Nadir

Degree	CBCP
0°	1361
5°	1342
15°	1151
25°	665
35°	322
45°	51

Illuminance at a Distance



SS6DRRWD2 / IC630C

Report #: SS6DRRWD2_IC630C

Watts: 26.3
 Lumens: 1554
 LPW: 59
 CCT: 3000K

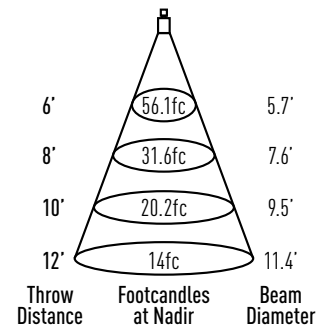
Reflector Finish Multipliers:

Haze (x 0.84)
 White (x 0.9)

Candelas at Nadir

Degree	CBCP
0°	2021
5°	1993
15°	1709
25°	987
35°	476
45°	76

Illuminance at a Distance



DIMMING COMPATIBILITY

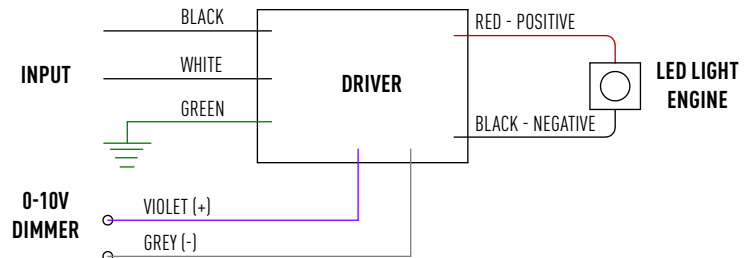
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0-10V DIMMING

- 120V/277V
- Dims down to 1% or 0.1% light output
- Consult dimming manufacturer for installation instructions and power packs

COMPATIBLE DIMMERS

Manufacturer	Part Number(s)
HUNT	PS-010-IV-120V, PS-010-WH-120V, PS-010-3W-IV-120, PS-010-3W-WH-120V, PS-010-IV-277V, PS-010-WH-277V, PS-010-3W-IV-277V, PS-010-3W-WH-277V, FD-010: PS-IFC-010-IV, PS-IFC-010-WH-120/277V, FD-010: PS-IFC-010-3W-IV, PS-IFC-010-3W-WH-120/277V, FD-010-120V, FD-010-277V
Leviton	Leviton Centura Fluorescent Control System, IllumaTech™ IP7 Series, DPSPE-212
Lightolier	ZP600FAM120, MP1500FAM120, V2000FAMU
Lithonia	LEQ BC, LEQ LVBC, SLD LVBC, SQ1DC
Lutron	DVTV, NTFTV
Synergy	ISD BC 120/277



LUTRON HI-LUME® DIMMING

- 120V or 277V
- Dims down to 1%
- Consult dimming manufacturer for installation instructions

COMPATIBLE DIMMERS

AYF-103P, AYF-103P-277, DVF-103, DVF-103P-277, DVSCF-103P, DVSCF-103P-277, HQRD-F6AN-DV, LXF-103PL, LXF-103PL-277, NF-10, NF-103P, NF-103P-277, NF-10-277, NTF-10, NTF-103P, NTF-103P-277, NTF-10-277, RRD-F6AN-DV, SF-12P-277-3, SF-103P, MAF-6AM, MAF-6AM-277, MSCF-6AM, MCSF-6AM-277, MRF2-F6AN-DV, SF-10P, SF-12P-277, SPSF-6A, SPSF-6A-277, SPSF-6AM, SPSF-6AM-277, VF-10, VTF-6AM

