

# SS6DRWD / IC630

6" SS LED 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 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

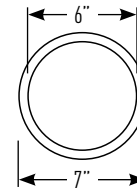
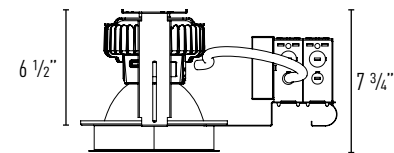
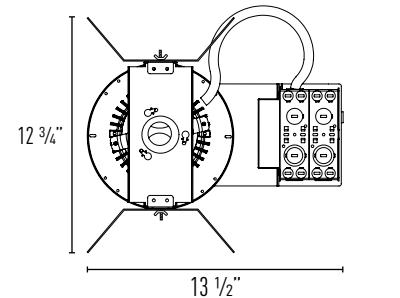
External battery operates LED load of up to 7W at a minimum of 550 lumens for 90 minutes (EM7), or 20W at a minimum of 1900 lumens for 90 minutes (EM20). Available with remote or integral test switch, must specify.

## INSTALLATION

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".

## LISTING/WARRANTY

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



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

## Housing Part Number (Example: SS6DRWD2)

Housing	LED Light Engine	Dimming (120-277V)	Voltage	Options
SS6DR	WD1 (16.5W / 3000K - 1800K)	blank (0-10V Dimming 1%)	blank (120V)	<b>EM7</b> (7W Emergency Backup w/ Remote Test Switch <a href="#">IOTA part #ILB-CP07-A</a> )
	WD2 (26.5W / 3000K - 1800K)	<b>-ED10V1</b> (eldoLED 0-10V 1%)	<b>27</b> (277V)	
		<b>-ED10V01</b> (eldoLED 0-10V 0.1%)		<b>EM7T</b> (7W Emergency Unit w/ Integral Test Switch <a href="#">IOTA part #ILB-CP07-R</a> )
		<b>-LUT</b> (Lutron EcoSystem® 1%)		
				<b>EM20'</b> (20W Emergency Backup w/ Remote Test Switch <a href="#">IOTA ILB-CP20-HE-S</a> )
				<b>I100</b> (C-Channel Bar Hangers)
				<b>I200</b> (Flat Bar Hangers)
				<b>I400</b> (Wood Joist Bar Hangers)

## Reflector Part Number (Example: IC630HZ-SF)

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

Notes:  
 1. 20W emergency not available in WD1

SS DOWNLIGHTING WARM DIM LM-094-20 P-8

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](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.  
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JOB NAME		CATALOG NUMBER	
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## SS6DRWD1 / IC630C

Report #: SS6DRWD1\_IC630C

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

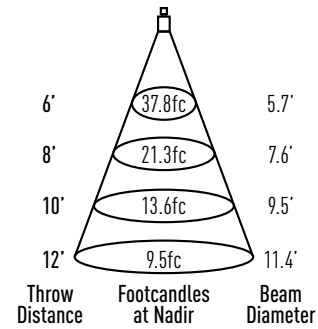
### Reflector Finish Multipliers:

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



## SS6DRWD2 / IC630C

Report #: SS6DRWD2\_IC630C

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

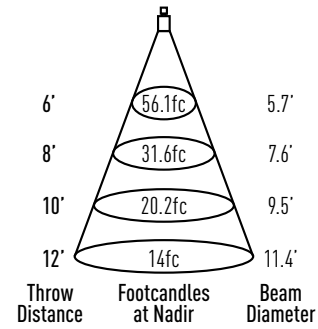
### Reflector Finish Multipliers:

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

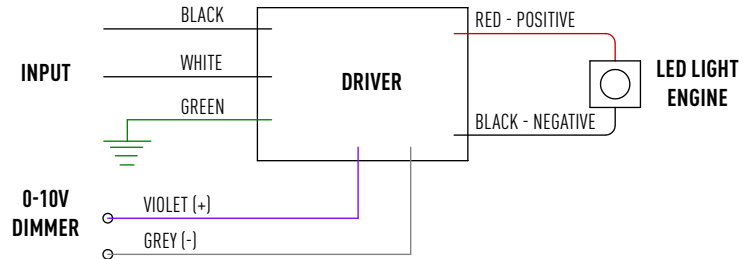
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## 0-10V DIMMING

- 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

