SS6CWD
6" SS LED Cylinder 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

DIMMING
- 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)

EMERGENCY BACKUP
Remote test switch included. External battery operates LED load of up to 7W at a minimum of 400 lumens for 90 minutes (EM7), or 20W at a minimum of 1250 lumens for 90 minutes (EM20).

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.
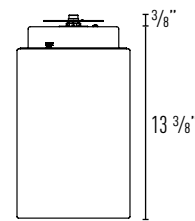
MOUNTING
- Ceiling mount for direct installation to 3" and 4" octagon junction box or 4" square junction box
- 144" Aircraft cable is supplied with complete canopy assembly. Aircraft cable is cuttable and can be modified in the field
- Wall mount bracket for installation to 4" octagon or square junction box
- Pendant stems supplied with complete canopy assembly. Pendant stems are cuttable and can be modified in the field.
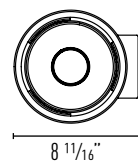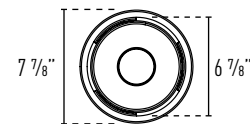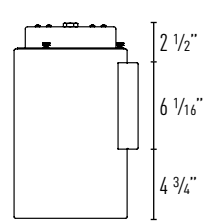
LISTING/WARRANTY
- ETL listed to US and Canadian standards for damp locations.
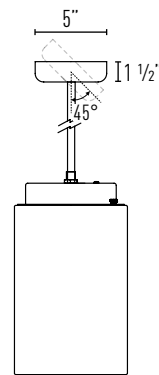- 5-Year Intense LED Limited Warranty

Surface Mount — 13 3/8", 3/8", 7 7/8", 6 7/8"
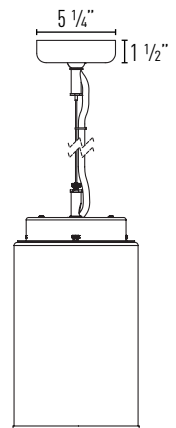
Wall Mount — 2 1/2", 6 1/16", 4 3/4", 8 11/16"

Pendant Mount — 5", 1 1/2", 45°
Canopy can be mounted at a maximum angle of 45°

Aircraft Cable — 5 1/4", 1 1/2"

Part Number (Example: SS6CWD2-WHZ-P24)

Cylinder	LED Module	Dimming (120-277V)	Cylinder Finish	Reflector Finish	Mounting	Emergency Options
SS6C	WD1 (16.5W / 3000K - 1800K) WD2 (26.5W / 3000K - 1800K)	blank (0-10V Dimming 1%) -ED10V1 (eldoLED 0-10V 1%) -ED10V01 (eldoLED 0-10V 0.1%) -LUT1 (Lutron Hi-Lume 1%)	-W (White) -B (Black) -SV (Silver)	C (Clear) HZ ((Clear) W (Haze) (White)	-C144 (144" Aircraft Cable) -P12 (12" Pendant) -P18 (18" Pendant) -P24 (24" Pendant) -P36 (36" Pendant) -P48 (48" Pendant) -P96³ (96" Pendant) -WB (Wall Bracket) -S (Surface)	EM7 (7W Emergency Backup w/ Remote Test Switch IOTA part #ILB-CP07-A) EM20 (20W Emergency Backup w/ Remote Test Switch IOTA ILB-CP20-HE-S)

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SS

SS6CWD1 / CLEAR

Report #: SS6CWD1_C

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

Throw Distance	Footcandles at Nadir	Beam Diameter
6'	37.8fc	5.7'
8'	21.3fc	7.6'
10'	13.6fc	9.5'
12'	9.5fc	11.4'
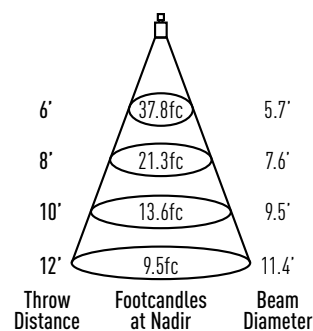
SS6CWD2 / CLEAR

Report #: SS6CWD2_C

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

Throw Distance	Footcandles at Nadir	Beam Diameter
6'	56.1fc	5.7'
8'	31.6fc	7.6'
10'	20.2fc	9.5'
12'	14fc	11.4'

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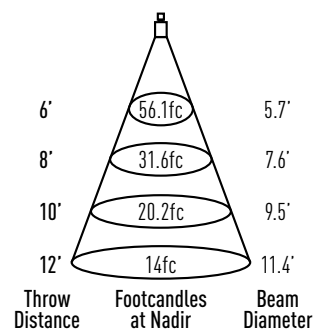
DIMMING COMPATIBILITY

0-10V DIMMING

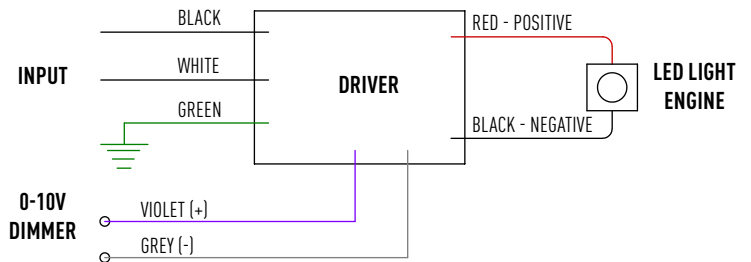- 120V/277V
- Dims down to 1% or 0.1% light output
- Consult dimming manufacturer for installation instructions and power packs

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

INPUT — BLACK, WHITE, GREEN → DRIVER → RED - POSITIVE, BLACK - NEGATIVE → LED LIGHT ENGINE

0-10V DIMMER — VIOLET (+), GREY (-)

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

3-WIRE CONTROL (BY OTHERS) — BLACK, WHITE, ORANGE, GREEN → DRIVER → RED - POSITIVE, BLACK - NEGATIVE → LED LIGHT ENGINE

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