

# SLIM COVE™ DIM

OVERVIEW • SPECIFICATIONS • ORDERING

INTERIOR | HIGH OUTPUT

DATE	PROJECT	FIRM	TYPE
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SLIM COVE DIM IS THE SMALLEST, LINE-VOLTAGE, 720 LUMEN/FOOT, LUMINAIRE ON THE MARKET. SINGLE BINNING DELIVERS SUPERIOR COLOR QUALITY AND COLOR CONSISTENCY BETWEEN ALL ECOSENSE PRODUCTS.

**FEATURES :**

- DIM TO 10%, ELV REVERSE PHASE
- ULTRA LOW PROFILE MAINTAINED WHILE AIMING
- UP TO 85 lm/W
- MULTI-VOLT 120-277VAC
- SINGLE BIN COLOR MATCHES TROV
- 3000K CCT
- 90+ CRI



MODEL	POWER	LENGTH	CCT	VOLTAGE	CRI
SCD	H		30	MULT	9
SCD	H - High Output	12 - 12" 48 - 48"	30 - 3000K	MULT (120-277VAC)	9 - 90

**EXAMPLE: SCD-H-12-30-MULT-9**

PERFORMANCE	POWER	WATTS	OPTIC	CCT	LUMEN OUTPUT	EFFICACY
	H	8W	120°	3000K	666 lm/LF ( 2185 lm/m )	85 lm/W

<b>COLOR RENDERING INDEX</b>	90+												
<b>COLOR CONSISTENCY</b>	SINGLE BIN 2-STEP MACADAM ELLIPSE												
<b>LUMEN DEPRECIATION / RATED LIFE</b>	<table border="1"> <thead> <tr> <th>AMBIENT</th> <th>L70 (hr)</th> <th>L80 (hr)</th> <th>L90 (hr)</th> </tr> </thead> <tbody> <tr> <td>77°F (25°C)</td> <td>80,000</td> <td>50,000</td> <td>25,000</td> </tr> <tr> <td>122°F (50°C)</td> <td>63,000</td> <td>35,000</td> <td>19,000</td> </tr> </tbody> </table>	AMBIENT	L70 (hr)	L80 (hr)	L90 (hr)	77°F (25°C)	80,000	50,000	25,000	122°F (50°C)	63,000	35,000	19,000
AMBIENT	L70 (hr)	L80 (hr)	L90 (hr)										
77°F (25°C)	80,000	50,000	25,000										
122°F (50°C)	63,000	35,000	19,000										

CALCULATIONS FOR LED LIFE ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR

<b>ELECTRICAL</b>	<b>POWER CONSUMPTION</b> <b>MAX FIXTURE RUN LENGTH</b> <b>POWER FACTOR</b> <b>OPERATING VOLTAGE</b> <b>DRIVER</b> <b>STARTUP TEMPERATURE</b> <b>OPERATING TEMPERATURE</b> <b>STORAGE TEMPERATURE</b>	8W/LF (26W/m) 120V = 65ft (19.8m) ; 220V = 125ft (38.1m) ; 277V = 150ft (45.7m) 120VAC > 0.85, 230VAC > 0.85, 277VAC > 0.85 120-277VAC, 50/60 Hz INTEGRAL TO FIXTURE; DE-RATED -4°F TO 122°F (-20°C TO 50°C) -4°F TO 122°F (-20°C TO 50°C) -40°F TO 185°F (-40°C TO 85°C)
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<b>CONTROL</b>	<b>DIMMING</b>	ELV TYPE 10%-99%, REVERSE PHASE, TRAILING EDGE * See dimmer compatibility sheet on page 3 for dimmers that achieve 10% low end dimming.
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<b>PHYSICAL</b>	<b>DIMENSIONS</b> <b>HOUSING/LENS</b> <b>WEIGHT</b> <b>CONNECTORS</b> <b>ENVIRONMENT</b> <b>MOUNTING OPTIONS</b>	W 1.6" x H 1.16" x L 12"/48" ; (41.6mm x 29.5mm x 304.7mm/1201mm) EXTRUDED POLYCARBONATE HOUSING AND LENS 0.313lbs / 0.141kg (1ft) / 0.113lbs / 0.504kg (4ft) INTEGRAL MALE/ FEMALE CONNECTORS INDOOR • ETL CERTIFIED FOR DRY/DAMP LOCATIONS IP40 AND IMPACT RATED AT IK07 INCLUDES EASY TO INSTALL MOUNTING CLIPS THAT ALLOW 50 DEGREE ADJUSTABILITY <b>MOUNTING TRACK MUST BE USED FOR ALL INVERTED APPLICATIONS. ORDER SEPARATELY</b> <b>NOT FOR USE IN CURVED COVES</b>
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**FIXTURE RATING & CERTIFICATIONS**  
 CE, ETL CERTIFIED  
 RoHS COMPLIANT  
 ENERGY STAR COMPLIANT



**IP40 IK07**

Title 24:  
JA8-2016

**LIMITED WARRANTY** 5 YEARS

**WIRING OPTIONS (UNIVERSAL) 120-277VAC**

Cable Assembly, 2-Pin, White, Leader, Universal Voltage, with Terminator Cap, 10 feet .....	<b>CBL-2P-LWH-LDR-UNV-10</b>
Cable Assembly, 2-Pin, White, Jumper, Universal Voltage, 5 feet .....	<b>CBL-2P-LWH-JMP-UNV-5</b>
Cable Assembly, 2-Pin, White, Jumper, Universal Voltage, 1 foot .....	<b>CBL-2P-LWH-JMP-UNV-1</b>
Cable Assembly, 2-Pin, White, Jumper, Universal Voltage, 3 inch .....	<b>CBL-2P-LWH-JMP-UNV-03</b>

**0-10V CONTROL OPTIONS**

100-120VAC / 277VAC SCD Dimming Control Module 0-10V - Plenum Rated ..... **SCD-DCM-120-277-010V-WH**  
 All products come standard with ELV dimming capabilities. 0-10V Control options required for operation at 0-10V.

**OPTIONAL ACCESSORIES**

**Mounting**

Mounting track, 48 inch ..... **SCD-A-MNT-TRK-48** MOUNTING TRACK IS 48" LONG AND IS FIELD CUTABLE. THE MOUNTING FEET THAT ARE INCLUDED WITH THE FIXTURES CLIP INTO THE TRACK. NO ADDITION PARTS NEEDED.

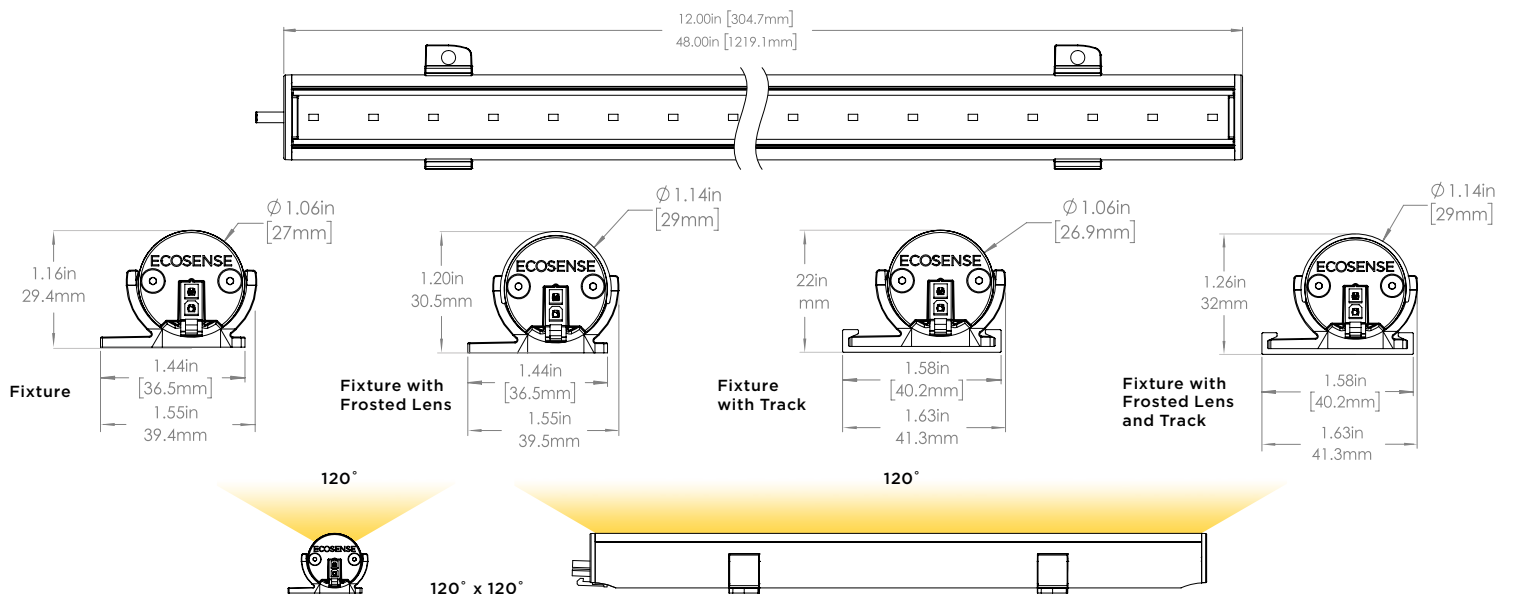
Mounting Clips, Two Pack ..... **SCD-A-MNT-ADJ** 2 CLIPS INCLUDED WITH 12" AND 4 WITH 48" FIXTURES. ORDER 2 EXTRA 2 PACKS WHEN MOUNTING 48" FIXTURES INVERTED

**Snap-on Lenses**

Snap-on Lens, Frosted, 12 inch, SCD ..... **SCD-A-FRLS-12** SNAP-ON LENSES NEED = ONE 12" LENS IS NEEDED PER 12" FIXTURE AND ONE 48" LENS IS NEEDED PER 48" FIXTURE. FROSTED LENSES ARE 20% DIFFUSE.

**Wire Box**

Conduit Connection Wire Box, SCD, White ..... **SCD-A-WIREBOX** WIRE BOX CAN BE USED INSTEAD OF A LEADER CABLE TO START A RUN. 1/2" CONDUIT FITTING CAN ATTACH DIRECTLY TO THE BOX ON ONE END AND THE FIXTURE TO THE OTHER



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## ELV

Dimmer Manufacturer	Dimmer Model Number	Voltage	Lumen Output % @ Minimum Dimmer Setting
<b>Lutron</b>	Skylar SELV-300P	120VAC	10%
	Maestro MAELV-600	120VAC	15%
	Nova NTELV-600 & NTELV-300	120VAC	19%
	Diva DVELV-300P	120VAC	10%
	Grafik eye w/PHPM-PA-DV	120VAC	1%
	Grafik eye w/PHPM-PA-DV	277VAC	10%
	Verti VTELV-600M	120VAC	17%
	RadioRA 2 RRD-6NA	120VAC	5%
	RadioRA2 RRD-10ND-HW	120VAC	25%
	Contour CTELV-303	120VAC	11%
Rania RSNU-452B-FAW-M	230VAC	25%	
<b>Crestron</b>	Cameo Wall Box CLW-DELVEX-P	120VAC	15%
<b>Legrand</b> (Wattstopper & Vantage)	LMRC-221 with Lutron PHPM	120VAC	1%
	LMRC-221 with Lutron PHPM	277VAC	25%
	LMRC-211 with EcoSense LDCM	120 VAC	3%
	LMRC-211 with EcoSense LDCM	277 VAC	30%
	Wattstopper SDMLV-603	120 VAC	1%
<b>Leviton</b>	Monet MNE-04	120VAC	20%
	Renoir II AWSMT-EBW	230VAC	5%
	Renoir II AWSMT-EBW	277VAC	5%
<b>Eaton</b>	Accell AL AAL06-C1	120VAC	40%
<b>Schneider Electric</b>	Clipsal KB31RD400	230VAC	12%
<b>Helvar</b>	DIGIDIM 454 Transistor Dimmer	230VAC	16%
	DIGIDIM 452 Universal Dimmer Module	230VAC	30%

## 0-10V to ELV

Dimmer Manufacturer	Dimmer Model Number	Voltage	Lumen Output
<b>Ecosense</b>	SCD-DCM	120VAC	10%
	SCD-DCM	230VAC	25%
	SCD-DCM	277VAC	35%
	LDCM-PL	120VAC	3%
	LDCM-PL	230VAC	18%
	LDCM-PL	277VAC	30%

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## DALI to ELV

Dimmer Manufacturer	Dimmer Model Number	Voltage	Lumen Output % @ Minimum Dimmer Setting
Helvar	DIGIDIM 454 Transistor Dimmer	230VAC	16%
	DIGIDIM 452 Universal Dimmer Module	230VAC	30%

## DMX to ELV

Dimmer Manufacturer	Dimmer Model Number	Voltage	Lumen Output % @ Minimum Dimmer Setting
Helvar	DIGIDIM 454 Transistor Dimmer	230VAC	16%
	DIGIDIM 452 Universal Dimmer Module	230VAC	30%

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## TM 30 Report

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	90	-5%	-1%
2	91	-3%	3%
3	86	-1%	6%
4	91	1%	5%
5	92	1%	3%
6	93	4%	-1%
7	92	0%	-4%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	6%
11	85	0%	9%
12	89	6%	3%
13	92	4%	-2%
14	87	6%	-7%
15	88	1%	-7%
16	85	-1%	-11%

