EVOLVE



CUSTOMER NAME ______ PROJECT NAME ______ DATE ______TYPE _____ CATALOG NUMBER _____

ECLS Soffit

LED Canopy Light

The Evolve® Canopy LED Soffit (ECLS) offers energy efficiency and quality of light in a sleek low-profile look and style. The ECLS features a diffused aperture which spreads the source lumens for even light distribution and low glare. To be used for sealed deck applications only (enclosed canopy or soffit).

Construction

Housing:	Aluminum die cast enclosure. Integral heat sink for maximum heat transfer
Lens:	Impact resistant tempered glass
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze Gray, White (RAL & custom colors available)
Weight:	10 lbs (4.5 kg) - 12.5 lbs (5.7 kg)

Optical System

Lumens:	3,600 - 7,100
Distribution:	Symmetric Medium
Efficacy:	119 - 138 LPW
CCT:	3000K, 4000K, 5000K
CRI:	≥70

Electrical

Input Voltage:	120-277V & 347V
Input Frequency:	50/60Hz
Power Factor:	>90% at rated watts
Total Harmonic Distortion:	<20% at rated watts
Surge Protection:	Standard Surge 6kV/3kA

*Per ANSI C136.2-

Warranty

5 Year (Standard)

Lumen Maintenance

Projected Lxx per IES TM-21-11 at

	LXX(10K) @ HOURS					
LUMEN CODES	25,000 HR	50,000 HR	60,000 HR			
T5	L96	L92	L91			
A5	L95	L93	L92			
B5	L95	L93	L92			

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted Industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Luminaire Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

Ratings

Operating Temperature:	-40°C to 50°C
Vibration:	1.5G per Per ANSI C136.31-2010:
LM-79:	Testing in accordance with IESNA Standards

Controls

Dimming:	Standard - 0-10V
Sensors:	Motion with Integrated Photoelectric control, Daintree Compatible



Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualifications.

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ECLS Soffit LED Canopy Light

Ordering Information

ECLS 01 SM 7

		-			-		
PROD. ID	GEN	VOLTAGE	OPTIC CODE	DISTRIBUTION ³	CRI (MIN)	сст	

PROD. ID	GEN	VOLTAGE	OPTIC CODE	DISTRIBUTION ³	CRI (MIN)	сст	DIMMING	CONTROLS	MOUNTING	COLOR	OPTIONS
E = Evole	01	0 = 120-277V	T5 = 3,700 lm	SM = Symmetric Medium	7 = 70	30 = 3000K	1 = None Only Controls '1' available	1 = None	JM = J-Box Mount	BLCK = Black	SC = Side Conduit Holes
C = Canopy		D = 347V ¹	A5 = 5,400 lm			40 = 4000K	A = Wired to Control	A = Motion Sensor IR Program ²	PM = Pendant Mount	DKBZ = Dark Bronze	XXX = Special Options
LS = Soffit			B5 = 7,100 lm			50 = 5000K	D = External Wired 0-10V/Leads Only Controls '1' available	B = Daintree Motion Sensor ²	RM = Reccessed Mount SM = Surface Mount	GRAY = Gray	Y = Coastal Finish ³
									SB = Surface Mount w/ Beauty Plate	WHTE = White	

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_ _ _ _

_ _ _ _

¹ Not Available with Optical Code T5

² Requires Dimming Option A

³ Reccomended for installations within 750 feet from coast. Lead time varies, check with factory.

OPTICAL CODE	DIST		TYPICAL LUMENS	TYPICAL SYSTEM WATTAGE		
OPTICAL CODE	CODE	3000К	4000K	5000K	120-277V	347-480V
T5		3600	3700	3700	29	N/A
A5	SM	5200	5400	5400	39	43
B5		6900	7100	7100	54	58

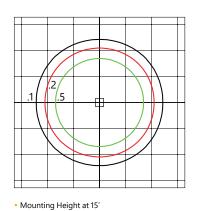
For additional information on ECLS IES files, please click the following link:

ECLS IES Files

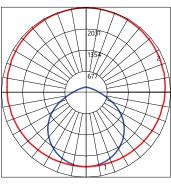
CUSTOMER NAME ______ PROJECT NAME ______ DATE ______TYPE _____ CATALOG NUMBER _____

ECLS - Symmetric Medium

7,100 lumens, 5000K ECLS01_B5SM750_.IES



Initial Footcandle at Grade



2708

 Vertical plane through horizontal angle of Max. Cd at 90°

 Horizontal cone through vertical angle of Max. Cd at 1°

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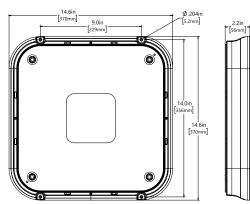
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ECLS Soffit LED Canopy Light

Surface Mount: SM

TOTAL WEIGHT (LBS.): 10.1

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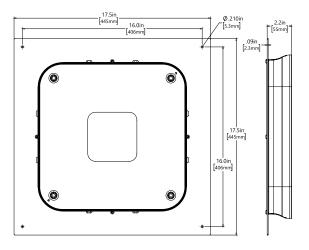


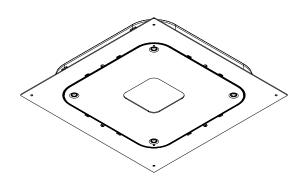
Surface Mount with Beauty Plate: SB TOTAL WEIGHT (LBS.): 10.7

> 2.3in [445mm] [465mm] [23mm] [

Recessed Mount: RM

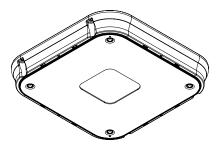
TOTAL WEIGHT (LBS.): 12.4





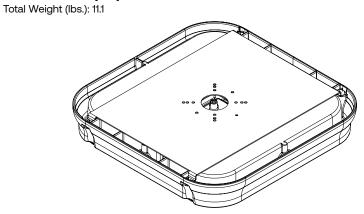
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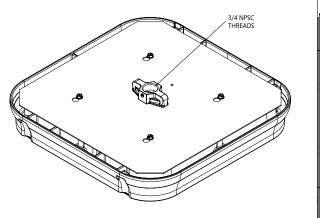


ECLS Soffit LED Canopy Light

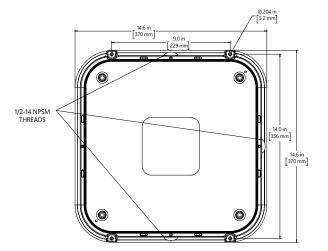
J-Box Mount (JM) for 3" or 4" J-box



Pendant Mount (PM) *for rigid conduit only Total Weight (lbs.): 11.5



Side Conduit Holes: SC Total Weight (lbs.): XX



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3.0 in [77 mm]

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A Motion Sensing Option -Wattstopper: Sensor FSP-211, Lens FSP-L2

Recommended Mounting Height:	8-25'
Coverage Radius:	15-20' (4.6-6.1 m)
Lateral Coverage	360°
Defau	ult Settings:
Output:	Occupied - 100% / Unoccupied - 50%
PE Sensor:	Enabled
Ramp/Fade:	5 Minutes/5 Minutes
	Adds < 1W to fixture power rating
	Field programmable using FSIR-100 hand held programmer

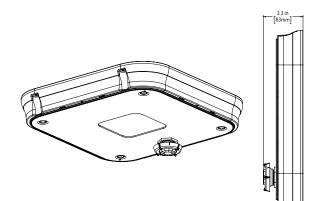
B Motion Sensing Option -Daintree: WHS100-BM

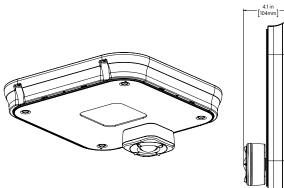
Recommended Mounting Height:	8-25'
Coverage Radius:	15-20' (4.6-6.1 m)
Lateral Coverage	360°
Defa	ult Settings:
Output:	Occupied - 100%/Unoccupied - 50%
PE Sensor:	Enabled
Ramp/Fade:	5 Minutes/5 Minutes
	Adds < 1W to fixture power rating
	Requires Daintree Enterprise and wide area control (WAC)

Approximate Sensor Pattern for A & B Option

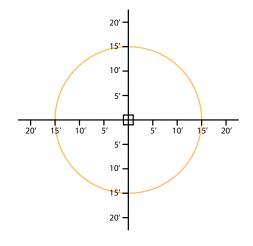
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Canopy Fixture 15 ft. Mounting Height









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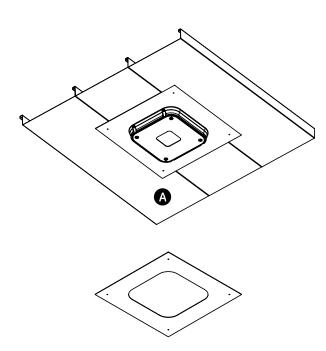
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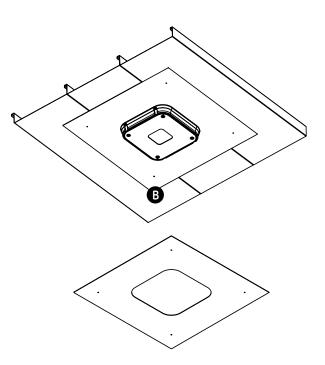
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mounting

- J-Box
- Pendant Mount
- Surface Mount
- Surface Mount with 17.5" x 17.5 Beauty Plate
- Reccessed Mount with 17.5" x 17.5 Mounting Plate

Beauty Plates

• 24" & 32" Escutcheon plates designed to cover unsightly canopy ceilings

PRODUCT	SERIES	DESCRIPTION	COLOR
ECL	E = Escutcheon Plate	1 = 24" x 24" ECLS	BLCK = Black
		2 = 32" x 32" ECLS	DKBZ = Dark Bronze
		3 = 24" x 24" ECLP	WHTE = White
		4 = 32" x 32" ECLP	

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