



Specifications

SHADES	100% recycled ocean-bound and nearshore diverted plastic waste, such as single use plastic bottles bags to fishing nets, trawls and rope. Recovered near coastlines, beaches and waterways.	PHOTOMETRICS	Consult factory or website for IES files for performance light core, tested in accordance with IESNA LM79.
LIGHTING	<p>LED module with single light emitting source, appropriately thermally managed construction to provide optimal performance. Specifiable in 2700K-4000K in CRI>80 or CRI>90, Color accuracy within 3 SDCM.</p> <p>PoE compatible: integrates with Power over Ethernet lighting systems through standard, low voltage wires.</p> <p>Beam spreads from (16) degree spot to (32) degree wide flood available, achieved with optics that are easily changed in field. Optimized cut-off to light source for glare control and visual comfort.</p> <p>Suitable for Dry or Damp Locations, indoor use only. E26 A-Lamp Model also available.</p>	HARDWARE	TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.
LUMEN MAINTENANCE	<p>Reported: L90: >55,000 hours</p> <p>Calculated: L70: >180,000 hours L80: >120,000 hours <i>EPA TM21 calculator derived</i></p>	MOUNTING	Hung from PVC-free power cords.
		ELECTRICAL	<p>Emergency battery output: 6 watts for 90 minutes</p> <p>Maximum Mounting height: 10.5ft. Compatible with Signify Bodine sinusoidal output emergency lighting inverters. Signify Bodine inverters allow designated lighting fixtures to serve as code compliant emergency lighting sources during failure of normal AC power. For additional information see link: http://www.bodine.com/products/inverter.html</p>
		CERTIFICATION	CSA certified luminaire. PoE compatible fixtures meet UL 2108.
		WARRANTY	5 year warranty on all standard components. LED system rated for operation in ambient environments up to 25°C.

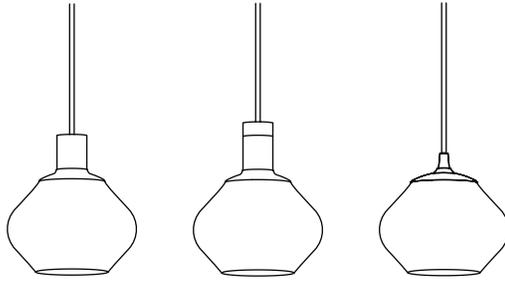


Ocean Coil O3 Fixture Options

COIL COLLECTION

SHAPES & DIMENSIONS

SMALL (6.7" DIA × 4.9" H)

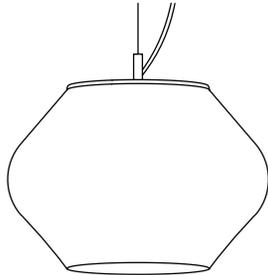


PERFORMANCE LIGHT CORE

PERFORMANCE LIGHT CORE & WHITE OAK TOP

9W LED LAMP

LARGE (13.5" DIA × 9.75" H)



PERFORMANCE LIGHT CORE

SHADE COLOR OPTIONS

100% RECYCLED OCEAN-BOUND / NEAR-OCEAN PLASTIC



SEA FOAM

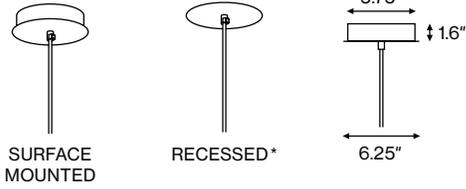
SEAGRASS

MARINA



CEILING CONNECTION

STANDARD CANOPY

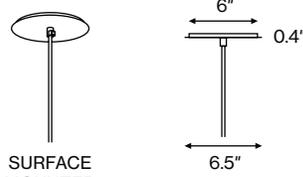


SURFACE MOUNTED

RECESSED*

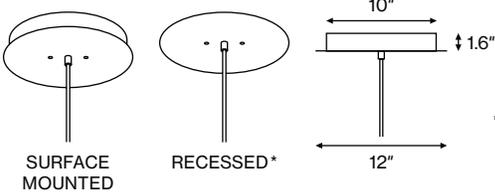
*For recessed canopy, cut 6" dia hole and recess j-box or mounting structure by 1.5"

ULTRA SHALLOW CANOPY (E26 ONLY)



SURFACE MOUNTED

EM BATTERY OPTION ONLY

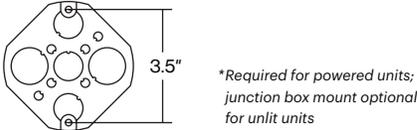


SURFACE MOUNTED

RECESSED*

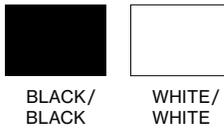
*For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"

4" OCTAGONAL JUNCTION BOX* (BY OTHERS)



*Required for powered units; junction box mount optional for unlit units

CANOPY / DRESS PLATE FINISH OPTIONS



BLACK/BLACK

WHITE/WHITE

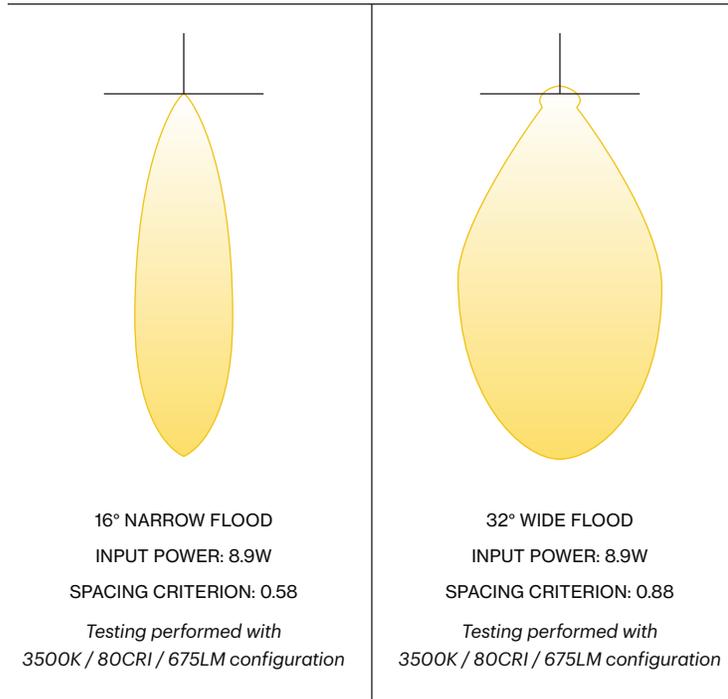


Ocean Coil O3 Lighting Details

COIL COLLECTION

LIGHT DISTRIBUTION OPTIONS

Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79



OPTICAL CHARACTERISTICS

Based on measurement data

	BEAM ANGLE	SPACING CRITERION
NARROW FLOOD	18°	0.58
FLOOD	22°	0.74
WIDE FLOOD	32°	0.88

OUTPUT MULTIPLIERS

Based on measurement data

COLOR TEMPERATURE / CRI	MULTIPLIER
2700K / 80	0.93
2700K / 90	0.78
3000K / 80	0.97
3000K / 90	0.81
3500K / 80	1.00
3500K / 90	0.83
4000K / 80	1.01
4000K / 90	0.86
WARM DIM 1830 / 90	0.72

OPTIC	MULTIPLIER
16°	1.00
22°	0.92
32°	0.85

PERFORMANCE – SMALL STYLE

Based on O3SM / 3500K / 80CRI / NFL / MNA / Size configuration (HP light core)

NOMINAL LUMEN OUTPUT	DELIVERED LUMENS	INPUT POWER (W)	EFFICACY (LM/W)	POE COMPATIBILITY	OUTPUT / LED DRAW WATTAGE (for use w/ POE)
675	716	8.9	80	POE & POE+	7.3
775	801	10.1	79	POE & POE+	8.3
875	903	11.5	79	POE & POE+	9.4

PERFORMANCE – LARGE STYLE

Based on O3LG / 3500K / 80CRI / NFL / MNA / Size configuration (HP light core)

NOMINAL LUMEN OUTPUT	DELIVERED LUMENS	INPUT POWER (W)	EFFICACY (LM/W)	POE COMPATIBILITY	OUTPUT / LED DRAW WATTAGE (for use w/ POE)
900	927	8	116	POE & POE+	6.8
1100	1103	9.5	116	POE & POE+	8.1
1600	1655	14.6	113	POE & POE+	12.4
2100	2182	19.6	111	POE+ ONLY	16.7
2700	2778	25	111	POE+ ONLY	21.4

OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value = $L_1 \times C_m \times O_m$ where:

L_1 = (Lumen output at 3500K / 80 CRI) ×

C_m = (Color Temp. / CRI Multiplier) ×

O_m = (Optic Multiplier)

Example:

850LM / 3000K / 80CRI / FL Configuration

$(850) \times (0.97) \times (0.92) = 759LM$



