








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	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.  PoE compatible: integrates with Power over Ethernet lighting systems through standard, low voltage wires.  Beam spreads from (16) degree spot to (22) 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.  Suitable for Dry or Damp Locations, indoor use only.		HARDWARE	TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.
LUMEN MAINTENANCE	Reported: L90: >55,000 hours	Calculated: L70: >180,000 hours L80: >120,000 hours <i>EPA TM21 calculator derived</i>	MOUNTING	Hung from PVC-free power cords.
			ELECTRICAL	Emergency battery output: 6 watts for 90 minutes 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: <a href="http://www.bodine.com/products/inverter.html">http://www.bodine.com/products/inverter.html</a>
			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.







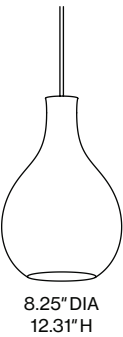
# Ocean Coil O2

Fixture Options

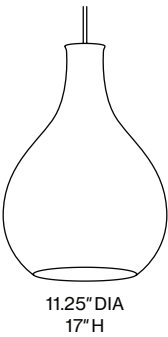
COIL COLLECTION

## SHAPES & DIMENSIONS

SMALL



LARGE

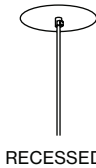


## CEILING CONNECTION

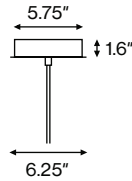
STANDARD CANOPY



SURFACE  
MOUNTED



RECESSED \*

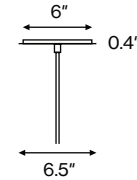


\*For recessed canopy, cut 6" dia hole and recess j-box or mounting structure by 1.5"

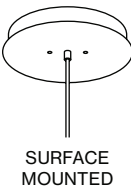
ULTRA SHALLOW CANOPY (E26 ONLY)



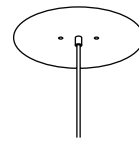
SURFACE  
MOUNTED



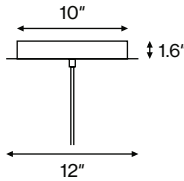
EM BATTERY OPTION ONLY



SURFACE  
MOUNTED

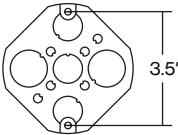


RECESSED \*



\*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

## SHADE COLOR OPTIONS

100% RECYCLED OCEAN-BOUND / NEAR-OCEAN PLASTIC



SEA FOAM



SEAGRASS



MARINA

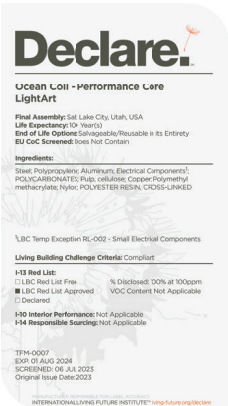
## CANOPY / DRESS PLATE FINISH OPTIONS



BLACK/  
BLACK



WHITE/  
WHITE



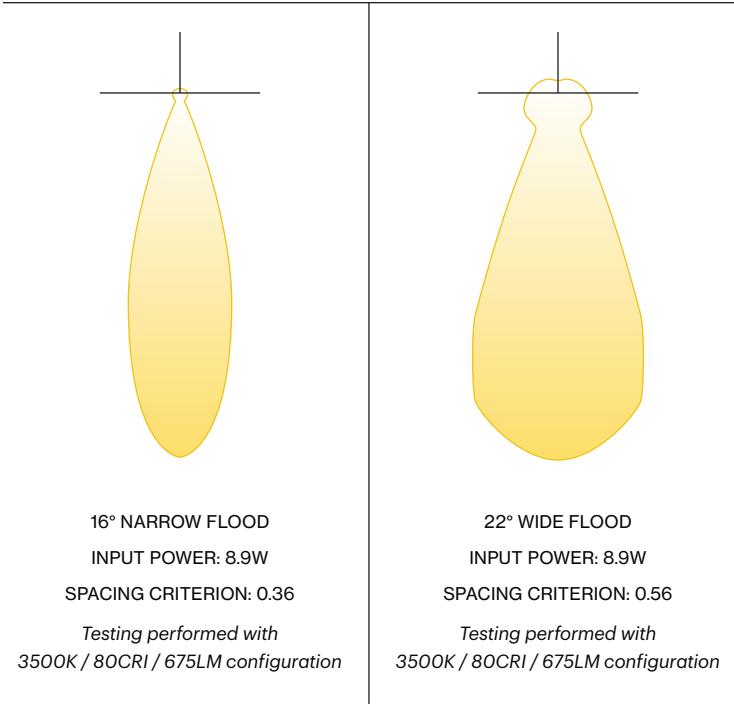
# Ocean Coil O2

Lighting Details

COIL COLLECTION

## LIGHT DISTRIBUTION OPTIONS

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



## PERFORMANCE – SMALL STYLE

Based on O2SM / 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	714	8.9	80	POE & POE+	7.3
775	799	10.1	79	POE & POE+	8.3
875	900	11.5	78	POE & POE+	9.4

## PERFORMANCE – LARGE STYLE

Based on O2LG / 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	929	8	116	POE & POE+	6.8
1100	1105	9.5	116	POE & POE+	8.1
1600	1658	14.6	114	POE & POE+	12.4
2100	2186	19.6	112	POE+ ONLY	16.7
2700	2783	25	111	POE+ ONLY	21.4

## OPTICAL CHARACTERISTICS

Based on measurement data

	BEAM ANGLE	SPACING CRITERION
NARROW FLOOD	16°	0.36
FLOOD	20°	0.52
WIDE FLOOD	22°	0.56

## 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
20°	0.92
22°	0.85

## 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:

2500LM / 3000K / 80CRI / FL Configuration

$(2473) \times (0.97) \times (0.92) = 2206LM$

# Ocean Coil O2

## Part Number Specification

COIL COLLECTION

### SPECIFICATION CODE

Example: 2 QTY COL-COIL-PENO2- - - - - - - - - - -

QTY. COL-COIL-PENO2- - - - - - - - - - -

1 2 3 4 5 6 7 8 9

Complete form to order Coil Pendant fixture(s). For each number, make one selection and enter in the corresponding box above.

\*Indicates modified choices; additional lead times and/or costs may apply.

#### 1 STYLE

- ☐ O2SM SMALL  
8.25" Dia x 12.31" H
- ☐ O2LG LARGE  
11.25" Dia x 17" H

#### 2 COLOR

- ☐ MNA SEA FOAM
- ☐ MGR SEAGRASS
- ☐ MGN MARINA

#### 3 LED CRI/CCT

- ☐ 827CK 80 CRI / 2700K
- ☐ 830CK 80 CRI / 3000K
- ☐ 835CK 80 CRI / 3500K
- ☐ 840CK 80 CRI / 4000K
- ☐ 927CK 90 CRI / 2700K
- ☐ 930CK 90 CRI / 3000K
- ☐ 935CK 90 CRI / 3500K
- ☐ 1830W WARM DIMMING 90 CRI  
3000K to 1800K Dimming Range

#### 4 NOMINAL DELIVERED LUMENS

ONLY AVAILABLE FOR O2SM  
700LM only available for Warm Dim

- ☐ 675LM 675 LUMEN
- ☐ 700LM 700 LUMEN  
Warm Dim only
- ☐ 775LM 775 LUMEN
- ☐ 875LM 875 LUMEN

ONLY AVAILABLE FOR O2LG  
1500LM only available for Warm Dim

- ☐ 900LM 900 LUMEN
- ☐ 1100LM 1100 LUMEN
- ☐ 1500LM 1500 LUMEN  
Warm Dim only
- ☐ 1600LM 1600 LUMEN
- ☐ 2100LM 2100 LUMEN
- ☐ 2700LM 2700 LUMEN

#### 5 BEAM SPREAD

Beam spread kits available—contact LightArt for more information

- ☐ NFL NARROW FLOOD OPTION (16°)
- ☐ FL FLOOD OPTION (20°)
- ☐ WFL WIDE FLOOD OPTION (22°)

#### 6 DIMMING AND CONTROLS

- ☐ LV01 0-10V – 1% DIMMING 120 & 277V
- ☐ LT02 LEADING/TRAILING/TRIAC – 5% DIMMING 120v only
- ☐ LP01 ELV FORWARD/REVERSE PHASE – 1% DIMMING 120v only
- ☐ LVP LOW VOLTAGE POE No driver provided for POE.  
Power supply by others. Not available with E26 Base A lamp.
- ☐ EBM 0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION  
Max Lumen output limited—consult LightArt. Not available for E26.  
Universal Input (Dim on 120V for TRIAC/ELV & 120/277V for 0-10V)

#### 7 SUSPENSION

- ☐ STD 12" – 96"
- ☐ EXT\* 24" – 240"

#### 8 CANOPY OPTIONS

- ☐ WPC WHITE
- ☐ BPC BLACK
- ☐ RWPC RECESSED WHITE
- ☐ RBPC RECESSED BLACK

#### 9 POWER CORD

Cord color dictates visible metal color

- ☐ WH WHITE
- ☐ BK BLACK

\*Indicates modified choices; additional lead times and/or costs may apply.

align Declare.

Red List Free  
Ingredients

MADE IN USA

POE

OCEANWORKS  
GUARANTEED

LightArt

206.524.2223 LIGHTART.COM  
4770 OHIO AVE S STE B, SEATTLE, WA 98134

OCEAN COIL O2  
01/02/24 UPDATE 4/4