

Ocean Coil O2

Overview

COIL COLLECTION



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: http://www.bodine.com/products/inverter.html
		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.



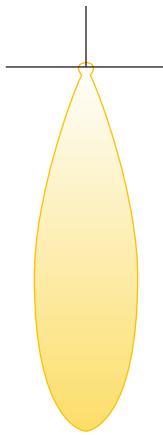
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Lighting Details

COIL COLLECTION

LIGHT DISTRIBUTION OPTIONS

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

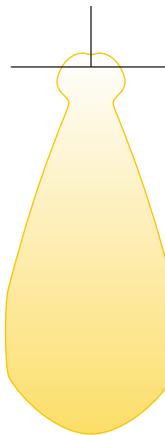


16° NARROW FLOOD

INPUT POWER: 8.9W

SPACING CRITERION: 0.36

Testing performed with
3500K / 80CRI / 675LM configuration



22° WIDE FLOOD

INPUT POWER: 8.9W

SPACING CRITERION: 0.56

Testing performed with
3500K / 80CRI / 675LM configuration

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

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

OUTPUT MULTIPLIERS INSTRUCTIONS

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

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

C_m = (Color Temp. / CRI Multiplier) x

O_m = (Optic Multiplier)

Example:

2500LM / 3000K / 80CRI / FL Configuration
(2473) x (0.97) x (0.92) = 2206LM



*

Red List Free Ingredients

MADE IN USA

WITH GLOBAL AND

DOMESTIC PRODUCTS

POE

OCEAN WORKS

GUARANTEED

Ocean Coil O2

Part Number Specification

COIL COLLECTION

SPECIFICATION CODE

Example: 2 QTY COL-COIL-PENO2-O2SM-MNA-927CK-700LM-NFL-LV01-STD-WPC-WH

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

<input type="checkbox"/> 827CK	80 CRI / 2700K	<input type="checkbox"/> 927CK	90 CRI / 2700K
<input type="checkbox"/> 830CK	80 CRI / 3000K	<input type="checkbox"/> 930CK	90 CRI / 3000K
<input type="checkbox"/> 835CK	80 CRI / 3500K	<input type="checkbox"/> 935CK	90 CRI / 3500K
<input type="checkbox"/> 840CK	80 CRI / 4000K	<input type="checkbox"/> 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
- FL
- WFL

- NARROW FLOOD OPTION (16°)
- FLOOD OPTION (20°)
- 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

<input type="checkbox"/> WPC	WHITE
<input type="checkbox"/> BPC	BLACK
<input type="checkbox"/> RWPC	RECESSED WHITE
<input type="checkbox"/> 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.



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