

Ocean Coil O3

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 (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. Suitable for Dry or Damp Locations, indoor use only. E26 A-Lamp Model also available.	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.



MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS



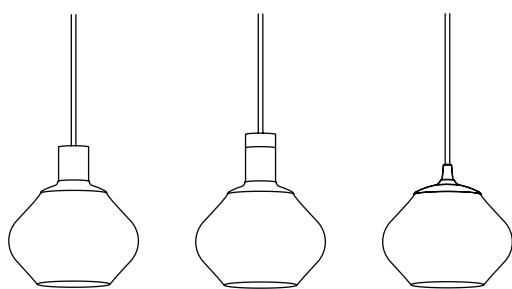
Ocean Coil O3

Fixture Options

COIL COLLECTION

SHAPES & DIMENSIONS

SMALL (6.7" DIA x 4.9"H)

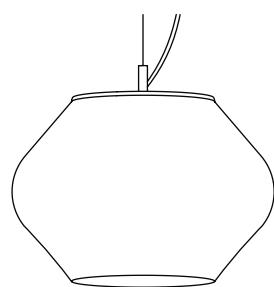


PERFORMANCE
LIGHT CORE

PERFORMANCE
LIGHT CORE &
WHITE OAK TOP

9W LED
LAMP

LARGE (13.5" DIA x 9.75"H)



PERFORMANCE
LIGHT CORE

SHADE COLOR OPTIONS

100% RECYCLED OCEAN-BOUND / NEAR-OCEAN PLASTIC



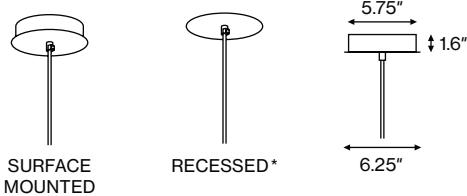
SEA FOAM

SEAGRASS

MARINA

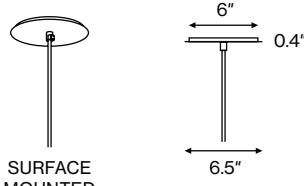
CEILING CONNECTION

STANDARD CANOPY

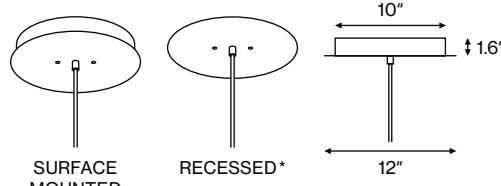


*For recessed canopy, cut 6" dia hole and recess j-box or mounting structure by 1.5"

ULTRA SHALLOW CANOPY (E26 ONLY)

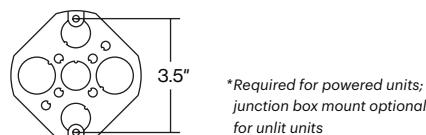


EM BATTERY OPTION ONLY



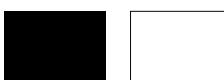
*For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"

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

Declare

Ocean Coil - Performance Core
LightArt

Final Assembly: Salt Lake City, Utah, USA
Life Expectancy: 10+ years
End of Life Options: Recyclable/Reusable in its Entirety
EU CoC Screened: Does Not Contain

Ingredients:
Steel, Polypropylene, Aluminum, Electrical Components*,
POLYCARBONATE, ABS, Poly, cellulose, Copper, Polymer,
methacrylate, Nylon, POLYESTER RESIN, CRYSTALLIZED

*ULC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria: Compliant

I-13 Red List:
1. ULC Red List Free
2. ULC Red List Approved
3. Declared
I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

TPN-0007
EDT 01/01/2024
SCREENED: 06 JUL 2023
Original Issue Date: 2023

INTERNATIONAL LIVING FUTURE INSTITUTE™ Living Building Challenge

align **Declare**

MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS



Ocean Coil O3

Lighting Details

COIL COLLECTION

LIGHT DISTRIBUTION OPTIONS

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

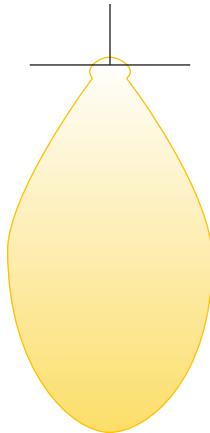


16° NARROW FLOOD

INPUT POWER: 8.9W

SPACING CRITERION: 0.58

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



32° WIDE FLOOD

INPUT POWER: 8.9W

SPACING CRITERION: 0.88

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

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) x

C_m = (Color Temp. / CRI Multiplier) x

O_m = (Optic Multiplier)

Example:

850LM / 3000K / 80CRI / FL Configuration

(850) x (0.97) x (0.92) = 759LM



*

Red List Free Ingredients



MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS



Ocean Coil O3

Part Number Specification

COIL COLLECTION

SPECIFICATION CODE

Example: 2 QTY COL-COIL-PENO3-O3LG-MNA-927CK-900LM-NFL-LV01-PCT-STD-WPC-WH

QTY.

COL-COIL-PENO3- - - - - - - - - -

1 2 3 4 5 6 7 8 9 10

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

O3SM

SMALL
6.7" Dia x 4.9" H

O3LG

LARGE
13.5" Dia x 9.75" H

2 COLOR

MNA

SEA FOAM

MGR

SEAGRASS

MGN

MARINA

3 LED CRI/CCT

827CK

80 CRI / 2700K

930CK

90 CRI / 3000K

830CK

80 CRI / 3000K

935CK

90 CRI / 3500K

835CK

80 CRI / 3500K

1830W

WARM DIMMING 90 CRI
3000K to 1800K Dimming Range

840CK

80 CRI / 4000K

927CK

90 CRI / 2700K

E26AL

E26 BASE A LAMP 120V only
550lm delivered 3000K>90CRI-
Only available with O3SM

4 NOMINAL DELIVERED LUMENS

ONLY AVAILABLE FOR O3SM
700LM only available for Warm Dim

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

 550LM E26 BASE A LAMP
550 delivered lumens only
Only available with O3SM

ONLY AVAILABLE FOR O3LG
1500LM only available for Warm Dim

900LM 900 LUMEN
 1000LM 1000 LUMEN
 1500LM 1500 LUMEN
Warm Dim only
 1600LM 1600 LUMEN
 2100LM 2100 LUMEN
 2500LM 2500 LUMEN

5 BEAM SPREAD

Beam spread kits available—contact LightArt for more information

NFL

NARROW FLOOD OPTION (16°)

FL

FLOOD OPTION (22°)

WFL

WIDE FLOOD OPTION (32°)

E26S

E26 BASE A LAMP

Only available with O3SM

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)

 E26 E26 BASE A LAMP Only compatible with 120V ELV Dimming
Only available with O3SM

7 TOP COVER

PCT

POWDER COATED TOP CAP

DOT

DECORATIVE OAK TOP

Only available with Performance Light Core

8 SUSPENSION

STD 12" – 96"
 EXT* 24" – 240"

9 CANOPY OPTIONS

WPC
 BPC
 RWPC
 RBPC

WHITE
BLACK
RECESSED WHITE
RECESSED BLACK

10 POWER CORD

Cord color dictates visible metal color

WH WHITE
 BK BLACK

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

