



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. | | HARDWARE | TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts. | |
| | PoE compatible: integrates with Power over Ethernet lighting systems through standard, low voltage wires. | | MOUNTING | Hung from PVC-free power cords. | |
| LUMEN MAINTENANCE | 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. | | 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 | |
| | Suitable for Dry or Damp Locations, indoor use only. | | CERTIFICATION | CSA certified luminaire. PoE compatible fixtures meet UL 2108. | |
| | Reported: L90: >55,000 hours | Calculated: L70: >180,000 hours L80: >120,000 hours <i>EPA TM21 calculator derived</i> | WARRANTY | 5 year warranty on all standard components. LED system rated for operation in ambient environments up to 25°C. | |

align

Declare.

Red List Free

Ingredients

MADE IN USA

WITH GLOBAL AND DOMESTIC PRODUCTS

UL

LPZ

POE

OCEANWORKS

GUARANTEED

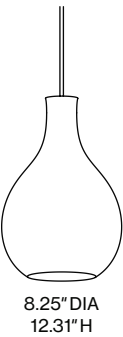
Ocean Coil O2

Fixture Options

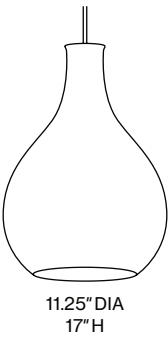
COIL COLLECTION

SHAPES & DIMENSIONS

SMALL



LARGE

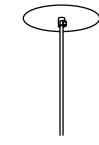


CEILING CONNECTION

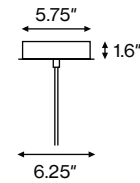
STANDARD CANOPY



SURFACE MOUNTED



RECESSED *

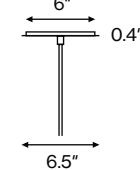


*For recessed canopy, cut 6" dia hole and recess j-box or mounting structure by 1.5"

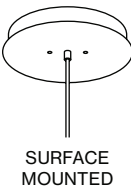
ULTRA SHALLOW CANOPY (E26 ONLY)



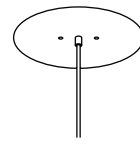
SURFACE MOUNTED



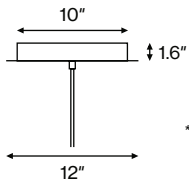
EM BATTERY OPTION ONLY



SURFACE MOUNTED

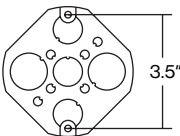


RECESSED *



*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

Declare.

Ocean Coil - Performance Core LightArt

Final Assembly: Salt Lake City, Utah, USA
Life Expectancy: 10+ Year(s)
End of Life Outcome: Recyclable/Reusable in its Entirety
EU CeC Screened: Does Not Contain

Ingredients:

Steel, Polycarbonate, Aluminum, Electrical Components, POLYCARBONATE, Polyethylene Glycol, Polyurethane, methacrylate, Nylon, POLYESTER RESIN, CROSS-LINKED

ULC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria Compliant

ULC Red List:

- ULC Red List Free
- ULC Red List Approved
- Declared

ULC Interior Performance: Not Applicable
ULC Responsible Sourcing: Not Applicable

TPM-0007
EXP: 01 AUG 2024
SCREENED: 09 JUL 2023
Original Issue Date: 2023

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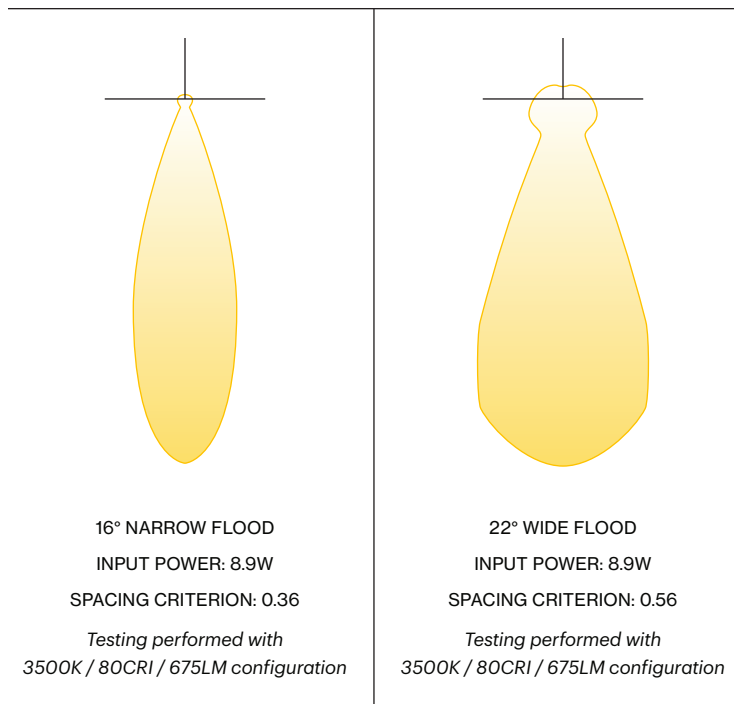
Ocean Coil O2

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-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

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

WITH GLOBAL AND

DOMESTIC PRODUCTS

100%

POE

OCEANWORKS

GUARANTEED

LightArt

206.524.2223

LIGHTART.COM

4770 OHIO AVE S STE B, SEATTLE, WA 98134

OCEAN COIL O2

01/05/26 UPDATE

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