



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 (10) degree spot to (21) 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.

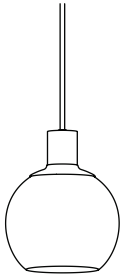


Ocean Coil O1 Fixture Options

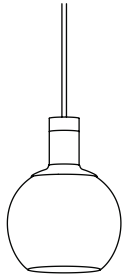
COIL COLLECTION

SHAPES & DIMENSIONS

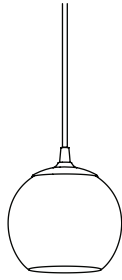
SMALL (6" DIAMETER)



PERFORMANCE LIGHT CORE

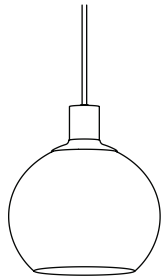


PERFORMANCE LIGHT CORE & WHITE OAK TOP

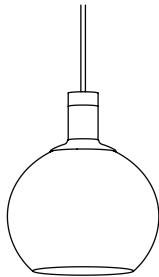


9W LED LAMP

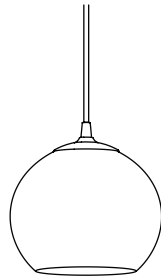
LARGE (7.5" DIAMETER)



PERFORMANCE LIGHT CORE



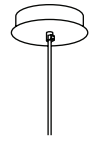
PERFORMANCE LIGHT CORE & WHITE OAK TOP



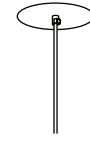
9W LED LAMP

CEILING CONNECTION

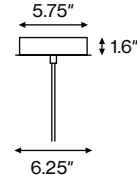
STANDARD CANOPY



SURFACE MOUNTED

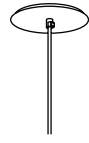


RECESSED*

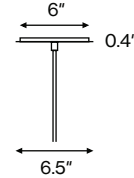


*For recessed canopy, cut 6" dia hole and recess j-box or mounting structure by 1.5"

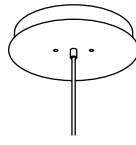
ULTRA SHALLOW CANOPY (E26 ONLY)



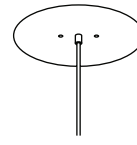
SURFACE MOUNTED



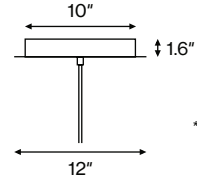
EM BATTERY OPTION ONLY



SURFACE MOUNTED

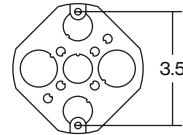


RECESSED*



*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 Light Art

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

Ingredients:
 Steel, Proprietary Aluminum, Electrical Components, POLYCARBONATE, Poly. cellulose, Copper/Polymer, methacrylate, Nylon, POLYESTER RESIN, CROSS-LINKED

LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria: Compliant

H13 Red List:
 LBC Red List Free % Disposed: 00% at 1000ppm
 LBC Red List Approved VOC Content Not Applicable
 Declared

H10 Material Performance: Not Applicable
H14 Responsible Sourcing: Not Applicable

TFH-0007
 EXPI: 01 AUG 2024
 SCREENED: 06 JUL 2023
 Original Issue Date: 2023

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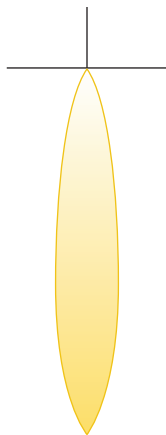
align Declare. Red List Free Ingredients. MADE IN USA. POE. OCEANWORKS GUARANTEED.

Ocean Coil O1 Lighting Details

COIL COLLECTION

LIGHT DISTRIBUTION OPTIONS

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

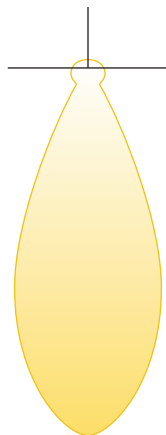


10° NARROW FLOOD

INPUT POWER: 8.9W

SPACING CRITERION: 0.38

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



78° WIDE FLOOD

INPUT POWER: 10W

SPACING CRITERION: 1.10

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

PERFORMANCE

Based on 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	723	8.9	81	POE & POE+	7.3
775	809	10.1	80	POE & POE+	8.3
875	911	11.5	79	POE & POE+	9.4

OPTICAL CHARACTERISTICS

Based on measurement data

	BEAM ANGLE	SPACING CRITERION
NARROW FLOOD	10°	0.38
FLOOD	17°	0.56
WIDE FLOOD	21°	0.66

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
10°	1.00
17°	0.92
21°	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:

850LM / 3000K / 80CRI / FL Configuration

$(850) \times (0.97) \times (0.92) = 759\text{LM}$

Ocean Coil O1 Part Number Specification

COIL COLLECTION

SPECIFICATION CODE

Example: 2 QTY COL-COIL-PENO1-O1LG-MGR-927CK-875LM-NFL-LV01-PCT-STD-WPC-WH

QTY. COL-COIL-PENO1-
 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

- O1SM SMALL 6" Dia
- O1LG LARGE 7.5" Dia

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
- E26AL E26 BASE A LAMP 120V only 550lm delivered 3000K > 90CRI

4 NOMINAL DELIVERED LUMENS 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

5 BEAM SPREAD Beam spread kits available—contact LightArt for more information

- NFL NARROW FLOOD OPTION (10°)
- FL FLOOD OPTION (17°)
- WFL WIDE FLOOD OPTION (21°)
- E26S E26 BASE A LAMP

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*

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 WHITE
- BPC BLACK
- RWPC RECESSED WHITE
- RBPC 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.

