

Clear Coil M4-6

Overview

COIL COLLECTION



Specifications

SHADES	100% molecularly-recycled material.			
LIGHTING	<p>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. Warm dimming option also available.</p> <p>PoE compatible: integrates with Power over Ethernet lighting systems through standard, low voltage wires.</p> <p>Beam spreads from (20) degree spot to (80) 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.</p> <p>Suitable for Dry or Damp Locations, indoor use only.</p>			
LUMEN MAINTENANCE	Reported: L90: >55,000 hours	Calculated: L70: >180,000 hours L80: >120,000 hours <i>EPA TM21 calculator derived</i>	PHOTOMETRICS	Consult factory or website for IES files for performance light core, tested in accordance with IESNA LM79.
			HARDWARE	TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.
			MOUNTING	Hung from a single, fully-adjustable, stainless steel aircraft cable. Contact LightArt for lengths over 20ft.
			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.



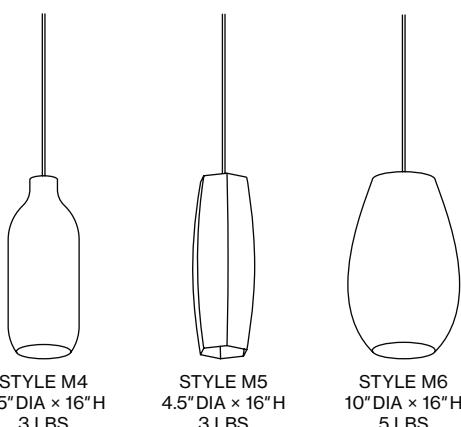
Clear Coil M4-6

Fixture Options

COIL COLLECTION

SHAPES, DIMENSIONS, WEIGHTS

SMALL STYLES

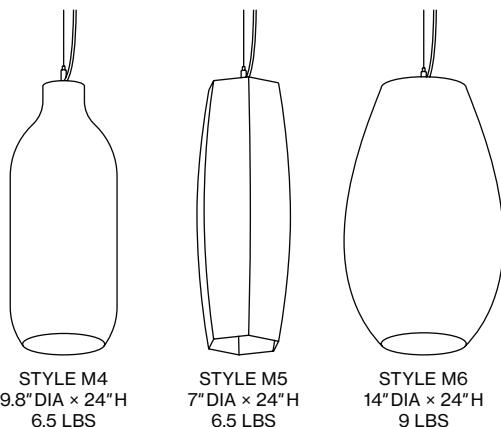


STYLE M4
6.5" DIA x 16" H
3 LBS

STYLE M5
4.5" DIA x 16" H
3 LBS

STYLE M6
10" DIA x 16" H
5 LBS

LARGE STYLES



STYLE M4
9.8" DIA x 24" H
6.5 LBS

STYLE M5
7" DIA x 24" H
6.5 LBS

STYLE M6
14" DIA x 24" H
9 LBS

SHADE COLOR OPTIONS

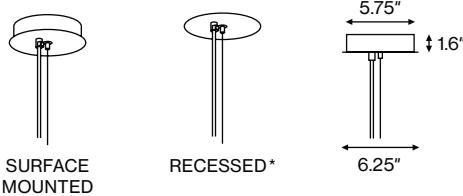
100% MOLECULARLY-RECYCLED MATERIAL



CLEAR

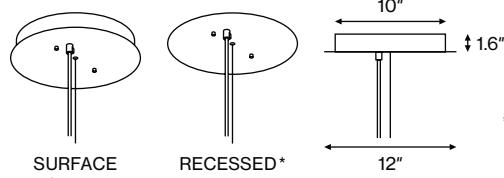
CEILING CONNECTION

STANDARD CANOPY



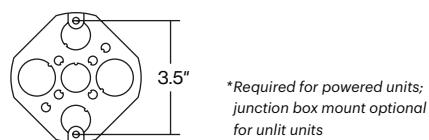
*For recessed canopy, cut 6" dia hole and recess j-box or mounting structure by 1.5"

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

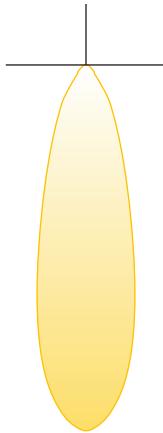
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Lighting Details

COIL COLLECTION

LIGHT DISTRIBUTION OPTIONS

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



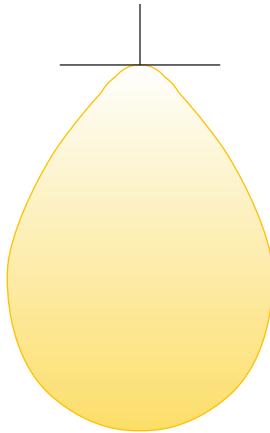
30° NARROW FLOOD

LUMINOUS FLUX: 2473LM

INPUT POWER: 25W

SPACING CRITERION: 0.50

Testing performed with
3500K / 80CRI configuration



78° WIDE FLOOD

LUMINOUS FLUX: 2098LM

INPUT POWER: 25W

SPACING CRITERION: 1.10

Testing performed with
3500K / 80CRI configuration

PERFORMANCE

Based on 3500K / 80CRI / NFL / M Size configuration (HP light core)

NOMINAL LUMEN OUTPUT	DELIVERED LUMENS	INPUT POWER (W)	EFFICACY (LM/W)
900	887	8.0	111
1000	1044	9.5	110
1500	1524	14.6	104
2100	2179	19.6	101
2500	2473	25.0	99

OPTICAL CHARACTERISTICS

Based on measurement data

BEAM ANGLE	SPACING CRITERION
NARROW FLOOD	30° 0.50
FLOOD	54° 0.80
WIDE FLOOD	78° 1.10

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
30°	1.00
54°	0.92
78°	0.85

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
 $(2473) \times (0.97) \times (0.81) = 2206LM$

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Part Number Specification

COIL COLLECTION

SPECIFICATION CODE

Example: 2 QTY COL-COIL-PENM-M4SM-MCC-927CK-1000LM-NFL-LV01-STD-WPC-WH

QTY.

COL-COIL-PENM- - - - - - - - -

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

<input type="checkbox"/> M4SM	M4 SMALL 6.5" Dia x 16" H
<input type="checkbox"/> M4LG	M4 LARGE 9.8" Dia x 24" H
<input type="checkbox"/> M5SM	M5 SMALL 4.5" Dia x 16" H
<input type="checkbox"/> M5LG	M5 LARGE 7" Dia x 24" H
<input type="checkbox"/> M6SM	M6 SMALL 10" Dia x 16" H
<input type="checkbox"/> M6LG	M6 LARGE 14" Dia x 24" H

2 MATERIAL

<input type="checkbox"/> MCC	CLEAR
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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

Warm Dim only available in 1500LM

<input type="checkbox"/> 900LM	900 LUMEN
<input type="checkbox"/> 1000LM	1000 LUMEN
<input type="checkbox"/> 1500LM	1500 LUMEN
<input type="checkbox"/> 2100LM	2100 LUMEN
<input type="checkbox"/> 2500LM	2500 LUMEN

5 BEAM SPREAD

Beam spread kits available—contact LightArt for more information

<input type="checkbox"/> NFL	NARROW FLOOD OPTION (30°)
<input type="checkbox"/> FL	FLOOD OPTION (54°)
<input type="checkbox"/> WFL	WIDE FLOOD OPTION (78°)

6 DIMMING AND CONTROLS

<input type="checkbox"/> LV01	0-10V – 1% DIMMING 120 & 277V
<input type="checkbox"/> LT02	LEADING/TRAILING/TRIAC – 5% DIMMING 120v only
<input type="checkbox"/> LP01	ELV FORWARD/REVERSE PHASE – 1% DIMMING 120v only
<input type="checkbox"/> LVP	LOW VOLTAGE POE No driver provided for POE. Power supply by others.
<input type="checkbox"/> EBM	0-10V 1% DIMMING INTEGRATED EM BATTERY OPTION Max Lumen output limited—consult LightArt.

Universal Input (Dim on 120V for TRIAC/ELV & 120/277V for 0-10V)

7 SUSPENSION

<input type="checkbox"/> STD	12" – 96"
<input type="checkbox"/> 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

<input type="checkbox"/> WH	WHITE
<input type="checkbox"/> BK	BLACK

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

align Declare



MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS

