Specifications

SHADES	100% molecularly-recycled material.	**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. Warm dimming option also available.

PoE compatible: integrates with Power over Ethernet lighting systems through standard, low voltage wires.

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.

Suitable for Dry or Damp Locations, indoor use only.

E26 A-Lamp Model also available. Source lumens 800, delivered lumens approx. 550, 90 CRI. Nominal Lifetime 15,000 Hours.

LUMEN MAINTENANCE

Reported:
L90: >55,000 hours

Calculated:
L70: >180,000 hours
L80: >120,000 hours
EPA TM21 calculator derived

HARDWARE

TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.

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.

Clear Coil M1–3 Fixture Options

SHAPES, DIMENSIONS, WEIGHTS

STYLE M1
12" DIA × 11" H
2.5 LBS

STYLE M2
9" DIA × 13" H
2.5 LBS

STYLE M3
8" DIA × 12" H
2.5 LBS
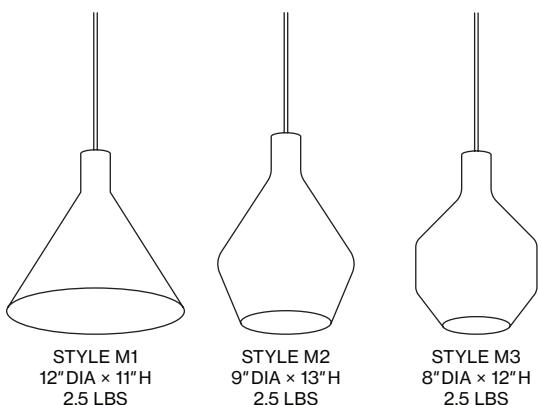
CEILING CONNECTION

STANDARD CANOPY

SURFACE MOUNTED

RECESSED*

5.75"
1.6"
6.25"

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

ULTRA SHALLOW CANOPY (E26 ONLY)

SURFACE MOUNTED

6"
0.4"
6.5"

EM BATTERY OPTION ONLY

SURFACE MOUNTED

RECESSED*

10"
1.6"
12"
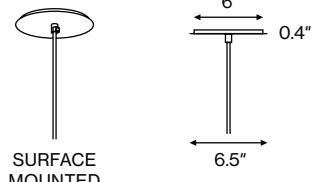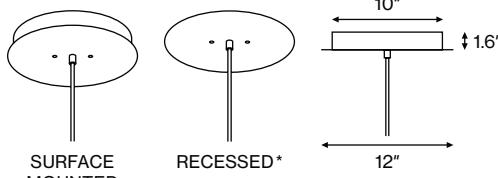
For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"

4" OCTAGONAL JUNCTION BOX* (BY OTHERS)

3.5"

Required for powered units; junction box mount optional for unlit units
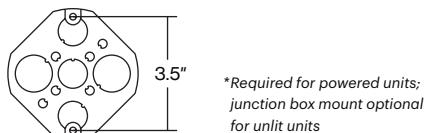
SHADE COLOR OPTIONS

100% MOLECULARLY-RECYCLED MATERIAL

CLEAR

CANOPY / DRESS PLATE FINISH OPTIONS

BLACK/
BLACK

WHITE/
WHITE

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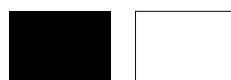
Clear Coil M1–3 Lighting Details

LIGHT DISTRIBUTION OPTIONS

Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79
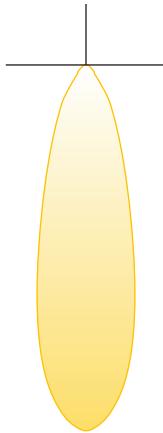
30° NARROW FLOOD

LUMINOUS FLUX: 2473LM

INPUT POWER: 25W

SPACING CRITERION: 0.50

Testing performed with 3500K / 80CRI configuration
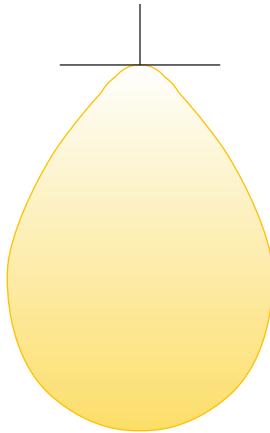
78° WIDE FLOOD

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) and C3 Matte Porcelain for E26 lamp

NOMINAL LUMEN OUTPUT	DELIVERED LUMENS	INPUT POWER (W)	EFFICACY (LM/W)
550 (E26 LAMP)	551	8.8	63
700	718	7.3	99
850	839	8.8	95

OPTICAL CHARACTERISTICS

Based on measurement data

	BEAM ANGLE	SPACING CRITERION
NARROW FLOOD	16°	0.50
FLOOD	22°	0.80
WIDE FLOOD	32°	1.10

OUTPUT MULTIPLIERS

Based on measurement data

COLOR TEMPERATURE / CRI	MULTIPLIER
2700K / 80 2700K / 90	0.93 0.78
3000K / 80 3000K / 90	0.97 0.81
3500K / 80 3500K / 90	1.00 0.83
4000K / 80 4000K / 90	1.01 0.86
WARM DIM 1830 / 90	0.72

OPTIC	MULTIPLIER
16°	1.00
22°	0.92
32°	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:
700LM / 3000K / 80CRI / FL Configuration
(718) × (0.97) × (0.92) = 641LM

LightArt

Clear Coil M1–3 Part Number Specification

SPECIFICATION CODE   *Example: 2 QTY COL-COIL-PENM-M1-MCC-927CK-850LM-NFL-LV01-STD-WPC-WH*

☐ **COL-COIL-PENM**- ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐
QTY.   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.

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① STYLE

☐ M1   M1 *12"Dia × 11"H*
☐ M2   M2 *9"Dia × 13"H*
☐ M3   M3 *8"Dia × 12"H*

② MATERIAL

☐ MCC   CLEAR

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
☐ 840CK   80 CRI / 4000K   *3000K to 1800K Dimming Range*
☐ 927CK   90 CRI / 2700K   ☐ E26AL   E26 BASE A LAMP *120V only*
                                             550lm delivered 3000K>90CRI

④ NOMINAL DELIVERED LUMENS

☐ 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 (16°)
☐ FL   FLOOD OPTION (22°)
☐ WFL   WIDE FLOOD OPTION (32°)

☐ 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 ouput 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 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.

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