



Specifications

SHADES	65% recycled resin from 3form's waste stream.	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 (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.	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 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.

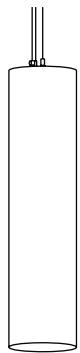


Coil D4

Fixture Options

COIL COLLECTION

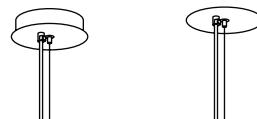
SHAPE & DIMENSIONS



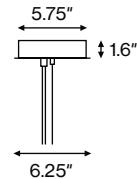
STYLE D4
6" DIA x 24" H

CEILING CONNECTION

STANDARD CANOPY



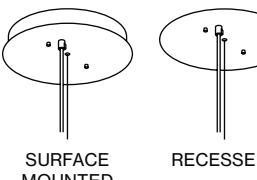
SURFACE
MOUNTED



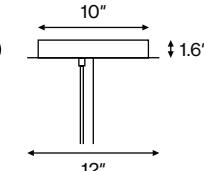
RECESSED*

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

EM BATTERY OPTION ONLY



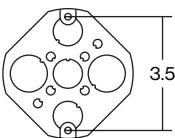
SURFACE
MOUNTED



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

65% RECYCLED 3FORM VARIA



CANOPY / DRESS PLATE FINISH OPTIONS



BLACK/
BLACK

WHITE/
WHITE

Declare

Coil - Performance Core LightArt

Final Assembly: Salt Lake City, Utah, USA
Life Expectancy: 10+ Years
End of Life Options: Salvage, Recycle in its Integrity
EU GHS Standard: Does Not Contain

Ingredients:
Steel, Polyethylene Terephthalate, Glycol, Electrical
Components, Aluminum, Polypropylene, POLYCARBONATE;
Poly, Polyvinyl Chloride, Copper, Polyester, Polyethylene, Phenol,
Electrical Components, Basic, POLYESTER RESIN, CROSS-
LINKED

1-BC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria: Compliant

1-13 Red List:
□ IBC Red List Free % Dislosed: 100% at 100ppm
■ IBC Red List Approved VOC Content: Not Applicable
□ Dislosed: 0%
1-10 Interior Performance: Not Applicable
1-14 Responsible Sourcing: Not Applicable

TFM-0005
DRAFT 01 APR 2024
SCHEDULED 04 JULY 2023
Original Issue Date 2023
INTERNATIONAL LIVING FLUIDS INSTITUTE aligndeclare.com

align **Declare**  

MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS
 

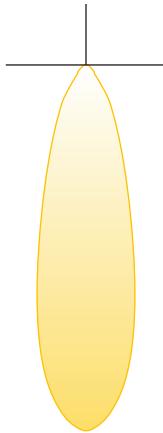
Coil D4

Lighting Details

COIL COLLECTION

LIGHT DISTRIBUTION OPTIONS

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



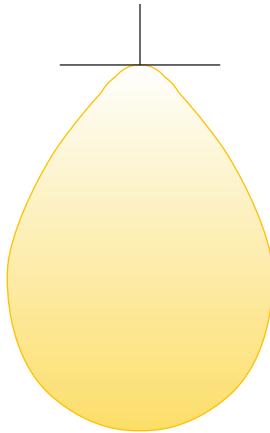
30° NARROW FLOOD

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
2000	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) ×

C_m = (Color Temp. / CRI Multiplier) ×

O_m = (Optic Multiplier)

Example:

2500LM / 3000K / 80CRI / FL Configuration

(2473) × (0.97) × (0.92) = 2206LM



Coil D4

Part Number Specification

COIL COLLECTION

SPECIFICATION CODE

Example: 2 QTY COL-COIL-PEND-D4-MG-927CK-1000LM-NFL-LV01-STD-WPC-WH

QTY.

COL-COIL-PEND - - - - - - - - -

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

D4

D4 6" Dia x 24"H

2 MATERIAL

MO
 MP
 MG
 MR
 MS

 ONYX
 PORCELAIN
 GRANITE GRAY
 RED CLAY
 LIMESTONE

3 LED CRI/CCT

827CK
 830CK
 835CK
 840CK

80 CRI / 2700K
80 CRI / 3000K
80 CRI / 3500K
80 CRI / 4000K

927CK
 930CK
 935CK
 1830W

90 CRI / 2700K

90 CRI / 3000K

90 CRI / 3500K

WARM DIMMING 90 CRI
3000K to 1800K Dimming Range

4 NOMINAL DELIVERED LUMENS Warm Dim only available in 1500LM

900LM 900 LUMEN
 1000LM 1000 LUMEN
 1500LM 1500 LUMEN
 2000LM 2000 LUMEN
 2500LM 2500 LUMEN

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

NFL
 FL
 WFL

NARROW FLOOD OPTION (30°)
FLOOD OPTION (54°)
WIDE FLOOD OPTION (78°)

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.
 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

STD
 EXT*

12" – 96"
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.

Red List Free
Ingredients

MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS

