

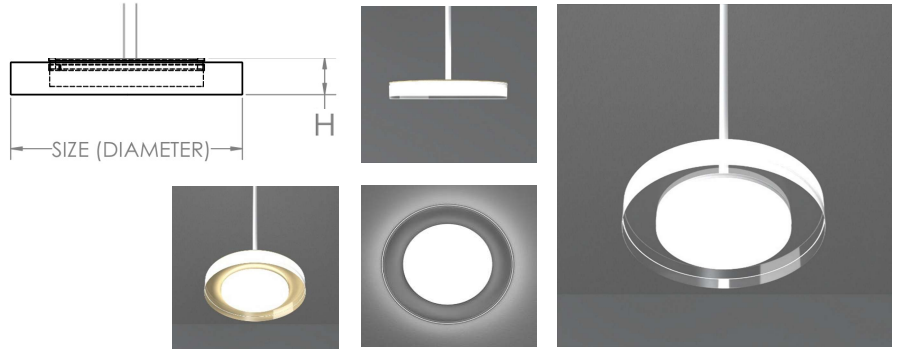
Disc pendant

The Encased Disc by Fluent redefines lighting with a perfect balance of visual comfort, advanced optical control, and a timeless, refined aesthetic. Crafted from hand polished solid acrylic, it offers a sophisticated design element that seamlessly integrates into both complex and minimalist architectural spaces.

PROJECT:

FIXTURE TYPE:

QUANTITY:



SPECIFICATION CODE

MODEL/DISTRIBUTION	SIZE (in)	LIGHT SOURCE	VOLTAGE	CCT (K)	CRI	CONTROL	MOUNTING	BACK PLATE	OPTIONS

EXAMPLE

SLDE	6.5	HO 14W	120-277	3500	90	DIM1	STEM/DEEP CANOPY WHT	BP CLR	
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SLDE
(Encased Disc with Luminous Distribution)

6.5 (H = 1.4)	M 7W (500lm, 1250 cd/ft ²) H 10W (700lm, 1500 cd/ft ²) HO 14W (975lm, 2250 cd/ft ²) L 14W (1000lm, 750 cd/ft ²) M 19W (1400lm, 1250 cd/ft ²) H 27W (1975lm, 1500 cd/ft ²)
11.0 (H = 1.7)	

120-277

2700
3000
3500
4000
5000

80 (min)
90 (min)

DIM1 (0-10V, 1-100%)
PDIM1 (120v only, TRIAC & ELV, 1-100%)

STEM/DEEP CANOPY
(pendant mount over junction box (SEE MOUNTING DETAILS ON PAGE 2), field cuttable 1/4" IP stem, 5" diameter x 1.5" deep canopy with 40° swivel, 36" OAH, field cuttable, pick finish color: WHT, BLK, or RAL ____)

STEM/FLAT CANOPY
REMOTE option only
(pendant mount over junction box (SEE MOUNTING DETAILS ON PAGE 2), field cuttable 1/4" IP stem, 5" diameter x .25" deep canopy with 40° swivel, 36" OAH, field cuttable, pick finish color: WHT, BLK, or RAL ____)

CORD/FLAT CANOPY
(pendant mount over junction box (SEE MOUNTING DETAILS ON PAGE 2), .3" diameter cord, 5" diameter x .25" deep canopy with adjustable cord lock, fixture supplied with 72" cord, pick finish color: WHT, BLK)

BP
(back plate behind optic visible through optic, pick finish: CLR (no backplate), WHT, BLK, or RAL ____)

REMOTE
(remote driver, enclosure cover included)

OAH
(stem or cord, field cuttable, pick OAH in whole inches up to 360", consult factory for alternatives)

MOD
(modification to standard product, feasibility to be verified by factory)

LEGEND LIGHT SOURCE

H 10W (700lm, 1500 cd/ft²)
OUTPUT LEVEL LOAD LIGHT EMITTING SURFACE LUMINANCE, OUTPUT VIEWED PERPENDICULAR TO SURFACE (APPROXIMATE)
(VALUES SHOWN AT 3500K, 80CRI)

RAL
(pick any color from the RAL color standard, finish will be fine textured unless otherwise specified as a MOD)

GENERAL SPECIFICATIONS

APPROVAL ETL listed to UL2108
LOCATION damp location, closet rated

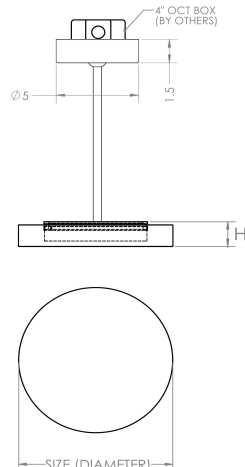
MIN OPERATING TEMP -20C (-4F)
MAX OPERATIONG TEMP 40C (104F), For HO 14W Light Source: 30C (86F)

HOUSING MATERIAL aluminum
DIFFUSER MATERIAL UV resistant polished acrylic
MOUNTING BRACKET galvanized steel
FINISH MATERIAL polyester powder coat

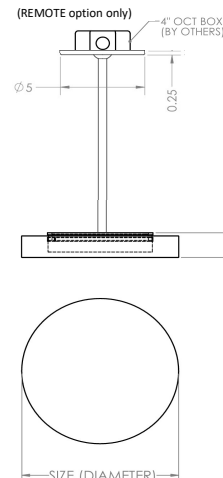
LUMEN MAINTENANCE L70 > 50,000 hrs. (@25°C)

WARRANTY 5 year limited warranty

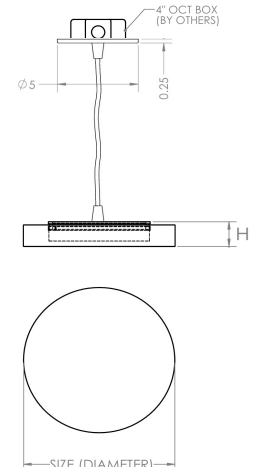
STEM/DEEP CANOPY



STEM/FLAT CANOPY



CORD/FLAT CANOPY



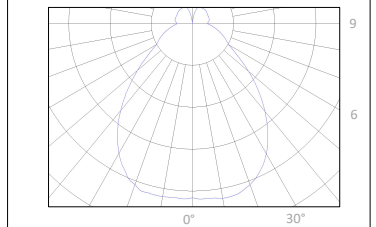
LIGHT SOURCE / PHOTOMETRY

LEDs	Cree 2835
CCT	2700K, 3000K, 3500K, 4000K, 5000K
COLOR BINNING	within 3-step MacAdam ellipse
CRI	80+ (Ra>80, 25>R9>0), 90+ (Ra>90, 75>R9>50)
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)
ALTERNATIVES	RGBW, RGB, and Tunable White available. Contact factory for details.
AVAILABLE IES FILES	www.fluent-lighting.com

OUTPUT MULTIPLIER Lumen values and photometric files configured at 3500K, 80 CRI. Please use the following multipliers for different color temperatures and CRI values.

	2700K	3000K	3500K	4000K	5000K
80+	.93	.97	1.00	1.03	1.03
90+	.79	.83	.85	.87	.87

SLDE



CONTROL

DIM1 (0-10V dimming, 1-100%)

TYPE	electronic
DIMMING PROTOCOL	0-10V
MINIMUM DIM LEVEL	0%
DIMMING CURVE	linear
POWER FACTOR	>0.9
THD	<20%
INPUT	120-277V AC, 50/60HZ

PDIM1 (TRIAC & ELV phase dim, 1-100%)

TYPE	electronic
DIMMING PROTOCOL	TRIAC and ELV phase dimming
MINIMUM DIM LEVEL	1-100%
DIMMING CURVE	linear
POWER FACTOR	>0.9
THD	<20%
INPUT	120 AC, 50/60HZ

REMOTE DISTANCES Specific to each lamping/driver combination and can be 100'+, consult factory for specifics.

Worst case distance: 18ga wire - 15', 16ga wire - 25', 14ga wire - 40', 12ga wire - 60'

MAINTENANCE All drivers are field replaceable.

ALTERNATIVE CONTROLS Contact factory for additional control options, including dim-to-off (0% dimming)

APPROVED DIMMERS

DIM1

Leviton: IP710 DL; Lutron: NFTV, DTV

PDIM1

TRIAC - Leviton: 6161, 6631, 6633, 6683, IPI06; Lutron: S-600P, S-603PG, DVCL-153P, DV-600P, TGCL-153P, TG-600P, LG-600P, CT-103P; Cooper: DLC03P, SLC03P, DAL06P

ELV - Leviton: IPE04, 6615, VPE06; Lutron: DVELV-3039, SELV-300P, MAELV-600, FAELV-500

MOUNTING

PENDANT MOUNTING DETAILS

SIZE (in)	WEIGHT	DRIVER VOLUME (within j-box)	MOUNTS TO
6.5	4 LBS	5.0 cu. in.	directly to 4" oct j-box, or 4" ceiling pan/box (3.5" ears)
11.0	8 LBS	7.0 cu. in.	directly to 4" oct j-box, or 4" ceiling pan/box (3.5" ears)

NOTES Integral driver sits within j-box.

Stem is field cuttable with cross drilled hole to secure swivel ball. Stems greater than 36" long will be supplied in multiple pieces and connected with internal pipe nipple.

Base housing of luminaire is finished in white. Canopy, Stem, and Cord Grips finished as specified.

STEM/FLAT CANOPY is REMOTE option only. Swivel ball and hanger is located within j-box.

OPTIONS

REMOTE DETAILS

NOTES LED driver to be mounted in remote enclosure (4" oct j-box (by others) or 4" sqr box (by others)). A cover plate is supplied.

For alternative light sources, contact factory for enclosure sizes and options.

BP (BACK PLATE) DETAILS

NOTES Visible solid .06" aluminum back plate position directly behind acrylic. Back plate adds color to fixture. Back plate is standard with WHT, BLK, or RAL powder coat finish. Alternative materials and finishes, including metal finishes are available as a modification. Contact factory for options.



Back Plate (shown in gold)