

Donut

The Donut 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.



SPECIFICATION CODE

MODEL/DISTRIBUTION	SIZE (in)	LIGHT SOURCE	VOLTAGE	CCT (K)	CRI	CONTROL	MOUNTING	BACK PLATE
EXAMPLE								
SVD	10	M 14W	120-277	3500	90	DIM1	SURF/REMOTE	BPCLR

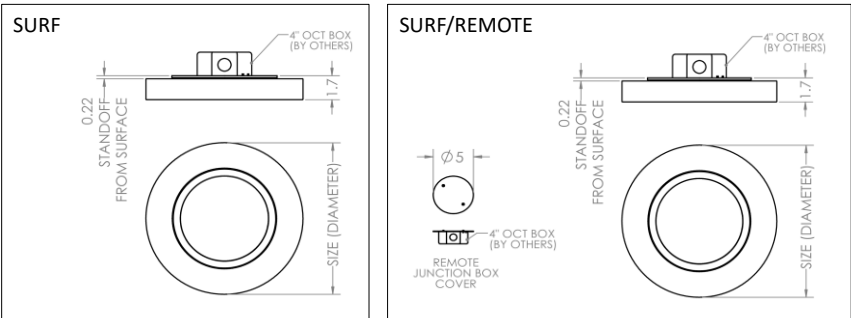
SVD

(Donut collar with Vertical distribution)

10.5	L 4W (300lm, 1550m/ft^2)	120-277	2700	80 (min) 90 (min)	DIM5 (0-10V, 5%) DIM1 (0-10V, 1%) PDIM1 (ELV/TRIAC, 1%)	SURF (surface mount over 4" octagon junction box. integral power supply sits within junction box) SURF/REMOTE (surface mount over 4" octagon junction box, remote power supply, remote junction box cover included to mount power supply)	BP (CLR for no backplate clear, for added backplate choose WHT, BLK, or RAL for color effect)
	M 8W (600lm, 3100lm/ft^2)		3000				
	H 16W (1175lm, 6225lm/ft^2)		3500				
12.5	L 7W (500lm, 1550m/ft^2)		4000				
	M 14W (1025lm, 3100lm/ft^2)		5000				
	H 28W (2050lm, 6225lm/ft^2)						
14.5	L 11W (775lm, 1550m/ft^2)						
	M 21W (1550lm, 3100lm/ft^2)						
	H 42W (3100lm, 6225lm/ft^2)						

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 UL1598/UL2108 damp location
MIN OPERATING TEMP	-20C (-4F)
MAX OPERATIONG TEMP	40C (104F)
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

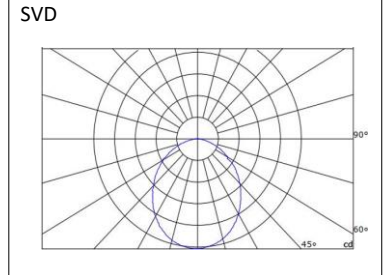
LIGHT SOURCE / PHOTOMETRY

LEDs	Samsung 2835
CCT	2700K, 3000K, 3500K, 4000K, 5000K
COLOR BINNING	within 6-step MacAdam ellipse
CRI	80+ (Ra>80, 25>R9>0), 90+ (Ra>90, 75>R9>50)
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)

AVAILABLE IES FILES www.fluent-lighting.com

OUTPUT MULTIPLIER Lumen values and photometric files created at 3000K, 90 CRI. Please use the following multipliers for different color temperatures and CRI values.

	2700K	3000K	3500K	4000K	5000K
80+	1.15	1.22	1.02	1.03	1.10
90+	.95	1.00	1.01	1.02	1.07



CONTROL

DIM5 (0-10V dimming, 5%)

TYPE	electronic
DIMMING PROTOCOL	0-10V
MINIMUM DIM LEVEL	5%
DIMMING CURVE	linear
POWER FACTOR	>0.9
THD	<20%
INPUT	120-277V AC, 50/60HZ

DIM1 (0-10V dimming, 1%)

TYPE	electronic
DIMMING PROTOCOL	0-10V
MINIMUM DIM LEVEL	1%
DIMMING CURVE	linear
POWER FACTOR	>0.9
THD	<20%
INPUT	120-277V AC, 50/60HZ

PDIM1 (ELV/TRIAC phase dim, 1%)

TYPE	electronic
DIMMING PROTOCOL	ELV and TRIAC phase dimming
MINIMUM DIM LEVEL	1%
DIMMING CURVE	linear
POWER FACTOR	>0.9
THD	<20%
INPUT	120-277V 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.

MOUNTING

SURF (SURFACE) MOUNTING DETAILS

SIZE (in)	WEIGHT	DRIVERS
10.5	8 LBS	1
12.5	11 LBS	1
14.5	13 LBS	1

NOTES Ceiling or wall applications. Fixture mounts directly to 4" octagonal j-box (by others.) Integral power supply is attached to mounting plate and sits within j-box. For remote power supplies, an additional cover plate is supplied to mount power supply within second j-box. For alternative lampings, contact factory for enclosure sizes and options.

OPTIONS

BP (BACKPLATE) DETAILS

NOTES Visible solid .080" aluminum back plate position directly behind acrylic. Back plate adds color to fixture and can hide imperfect mounting surfaces. 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.

