

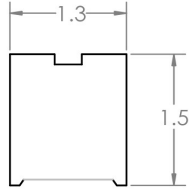
PROJECT: _____

FIXTURE TYPE: _____

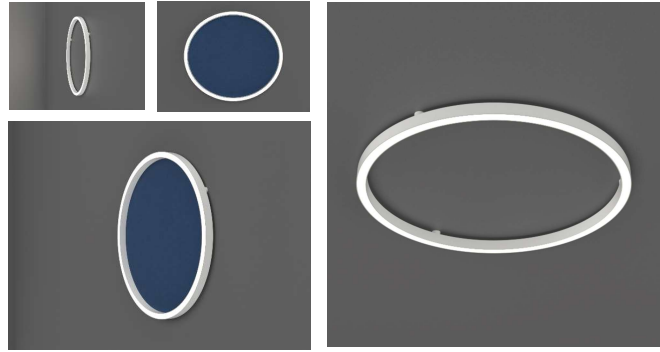
QUANTITY: _____

Ring 1in

The Ring 1in is a versatile architectural lighting solution with direct illumination. From 2 foot diameter to 16.5 foot diameter, the Ring 1in stands out among the rest for range of features and options.



SECTION VIEW



SPECIFICATION CODE

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

EXAMPLE

SVR1	35	M 43W	120-277	3500	90	DIMS	SURS/OAH2/REMOTE	RAL7035	ACP705
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SVR1
(metal ring with direct light distribution)

SIZE (in)	LIGHT SOURCE
24	L 18W (1550lm, 250lm/ft)
	M 30W (2500lm, 400lm/ft)
	H 41W (3450lm, 550lm/ft)
35	L 27W (2275lm, 250lm/ft)
	M 43W (3650lm, 400lm/ft)
	H 59W (5025lm, 550lm/ft)
47	L 36W (3050lm, 250lm/ft)
	M 58W (4900lm, 400lm/ft)
	H 79W (6750lm, 550lm/ft)
59	L 45W (3850lm, 250lm/ft)
	M 73W (6150lm, 400lm/ft)
	H 100W (8475lm, 550lm/ft)
79	L 61W (5150lm, 250lm/ft)
	M 97W (8250lm, 400lm/ft)
	H 134W (11375lm, 550lm/ft)
98	L 75W (6400lm, 250lm/ft)
	M 121W (10250lm, 400lm/ft)
	H 166W (14100lm, 550lm/ft)
118	L 91W (7700lm, 250lm/ft)
	M 145W (12325lm, 400lm/ft)
	H 200W (16975lm, 550lm/ft)
158	L 122W (10325lm, 250lm/ft)
	M 194W (16525lm, 400lm/ft)
	H 267W (22725lm, 550lm/ft)
197	L 152W (12875lm, 250lm/ft)
	M 243W (20600lm, 400lm/ft)
	H 334W (28350lm, 550lm/ft)

120-277

2700	80 (min)
3000	90 (min)
3500	
4000	
5000	

DIMS (0-10V, 5%)
DIM1 (0-10V, 1%)
PDIM1 (ELV/TRIAC, 1%)

SURS/OAH___/REMOTE
(surface mount with standoffs, pick OAH, remote power supply, enclosure included)

WHT (RAL9010 textured)
BLK (RAL9005 textured)
RAL___ (pick color)

ACP___
(acoustic center panel, pick color)
*ONLY AVAILABLE FOR SIZES 24, 35, 47

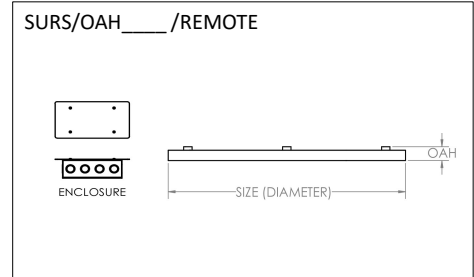
MOD___
(modification to standard product, feasibility to be verified by factory)

OAH: 2, 4, 6
(inches, OAH4 overlaps OAH2, OAH6 overlaps OAH4)

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 OPERATING TEMP	40C (104F)
HOUSING MATERIAL	extruded aluminum
DIFFUSER MATERIAL	UV resistant textured polycarbonate
FINISH MATERIAL	polyester powder coat
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)
WARRANTY	5 year limited warranty



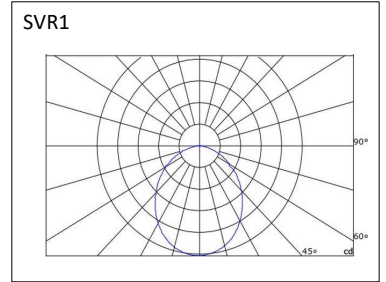
LIGHT SOURCE / PHOTOMETRY

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

DIMS (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

SURS (STRAIGHT CABLES) MOUNTING DETAILS

SIZE (in)	WEIGHT	STANDOFFS / MOUNTING CIRCLE	WIRES	DRIVERS
24	10 LBS	3 / 22.4"	1	1
35	13 LBS	3 / 34.2"	1	1
47	16 LBS	3 / 46.0"	1	2
59	19 LBS	3 / 57.8"	1	2
79	28 LBS	6 / 77.5"	3	3
98	33 LBS	8 / 97.2"	4	4
118	42 LBS	10 / 116.9"	5	5
158	52 LBS	12 / 156.2"	6	6
197	65 LBS	12 / 195.6"	6	12

HOUSING SECTIONS PER RING	REMOTE ENCLOSURES
1	1
1	1
1	1
1	1
3	2
4	2
5	3
6	3
6	6

NOTES Standoffs secure to surface with hardware by others. Wires pass through standao. Remote enclosure: contact factory for sizes and options. Rings with multiple sections are joined together in the field.

ACOUSTIC PANEL

PANEL MATERIAL PETG (minimum 50% recycled content)
PANEL THICKNESS 12mm (0.5")
FIRE RATING CLASS A (ASTM E-84)

NOTES Panels may be field installed. Contact factory for special colors, etched designs, and larger sizes.

