

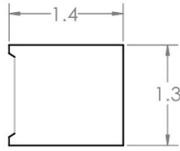
PROJECT:

FIXTURE TYPE:

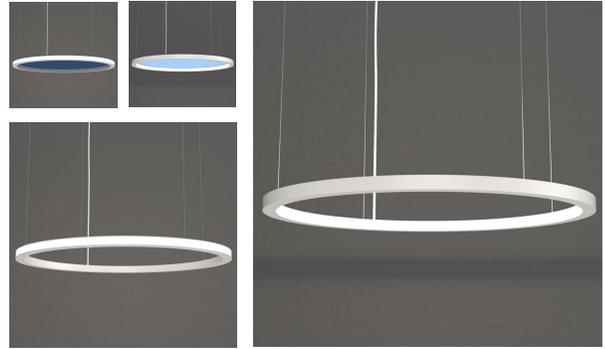
QUANTITY:

## Ring 1in - Inner/Outer

Sleek, precise, and timeless, Fluent Lighting's Horizontal Ring 1in features an outer illumination option and is available in diameters of 2', 3', 4', and 5'. Choose from a wide variety of mechanical, electrical, and illumination options to make Fluent's Horizontal Ring 1in the perfect fit for your next project.



SECTION VIEW



### SPECIFICATION CODE

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

PHR1/IN	35	M 43W	120-277	3500	90	DIM5	SCC/OAH96/REMOTE	RAL7035	ACP705
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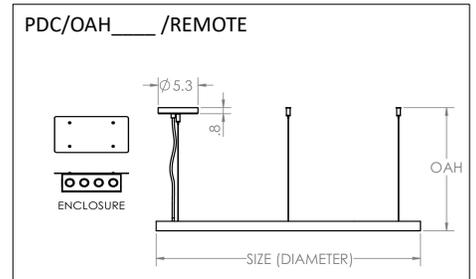
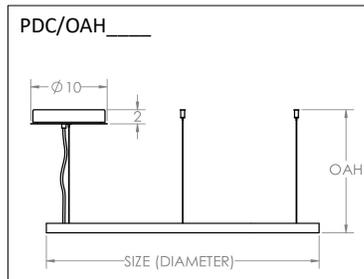
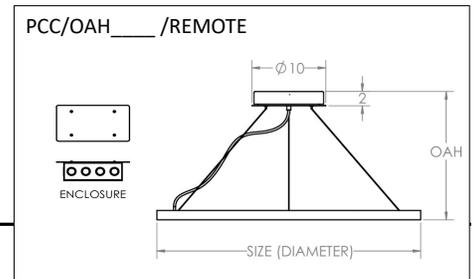
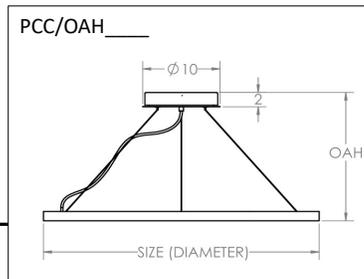
<b>PHR1/IN</b> (metal ring with in facing light distribution)	<b>24</b>	L 18W (1250lm, 200lm/ft)	<b>120-277</b>	2700	80 (min) 90 (min)	DIM5 (0-10V, 5%) DIM1 (0-10V, 1%) PDIM1 (ELV/TRIAC, 1%)	<b>PCC/OAH</b> _____ (cable suspension with central canopy, pick OAH, white power cord, integral power supply)	<b>WHT</b> (RAL9010 textured) <b>BLK</b> (RAL9005 textured) <b>RAL</b> _____ (pick color)	<b>ACP</b> _____ (acoustic center panel, pick color) *ONLY AVAILABLE FOR SIZES 24, 35, 47
		M 30W (2100lm, 330lm/ft)		3000					
<b>PHR1/OUT</b> (metal ring with out facing light distribution)	<b>35</b>	L 27W (1900lm, 200lm/ft)	<b>120-277</b>	3500	80 (min) 90 (min)	DIM5 (0-10V, 5%) DIM1 (0-10V, 1%) PDIM1 (ELV/TRIAC, 1%)	<b>PCC/OAH</b> _____ / <b>REMOTE</b> (cable suspension with central canopy, pick OAH, white power cord, remote power supply, enclosure included)	<b>MOD</b> _____ (modification to standard product, feasibility to be verified by factory)	
		M 43W (3000lm, 330lm/ft)		4000					<b>PDC/OAH</b> _____ / <b>REMOTE</b> (direct cable suspension, pick OAH, white power cord, remote power supply, enclosure included)
	<b>47</b>	L 36W (2525lm, 200lm/ft)	<b>120-277</b>	5000	80 (min) 90 (min)	DIM5 (0-10V, 5%) DIM1 (0-10V, 1%) PDIM1 (ELV/TRIAC, 1%)	<b>PCC/OAH</b> _____ / <b>REMOTE</b> (cable suspension with central canopy, pick OAH, white power cord, remote power supply, enclosure included)	<b>MOD</b> _____ (modification to standard product, feasibility to be verified by factory)	
		M 58W (4050lm, 330lm/ft)		5000					
	<b>59</b>	L 45W (3150lm, 200lm/ft)	<b>120-277</b>	5000	80 (min) 90 (min)	DIM5 (0-10V, 5%) DIM1 (0-10V, 1%) PDIM1 (ELV/TRIAC, 1%)	<b>PCC/OAH</b> _____ / <b>REMOTE</b> (cable suspension with central canopy, pick OAH, white power cord, remote power supply, enclosure included)	<b>MOD</b> _____ (modification to standard product, feasibility to be verified by factory)	
		M 73W (5100lm, 330lm/ft)		5000					
		H 120W (8400lm, 550lm/ft)							

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

OAH: 48, 96, 144  
 (inches, fixture supplied with the above OAH and is field adjustable)

### 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
SUSP. CABLE MATERIAL	galvanized steel
FINISH MATERIAL	polyester powder coat
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)
WARRANTY	5 year limited warranty



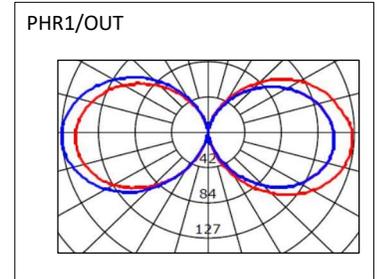
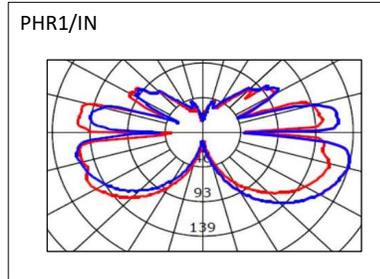
## LIGHT SOURCE / PHOTOMETRY

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](http://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

### PCC (ANGLED CABLES WITH CENTRAL CANOPY) MOUNTING DETAILS

SIZE (in)	WEIGHT	HANGING CABLES	CORDS	DRIVERS	MINIMUM OAH	CANOPY DIMENSIONS	REMOTE ENCLOSURES (REMOTE DRIVER OPTION)
24	10 LBS	3	1	1	10"	10" DIAMETER X 2" HIGH	1
35	13 LBS	3	1	1	16"	10" DIAMETER X 2" HIGH	1
47	16 LBS	4	1	2	22"	10" DIAMETER X 2" HIGH	1
59	19 LBS	4	1	2	28"	10" DIAMETER X 2" HIGH	1

NOTES Central canopy mounts over 4x4 octagonal j-box (by others.) Mounting bracket to be secured to structure independent of the j-box. Cord is white. Cable and cords are field cuttable to adjust OAH. Remote enclosure: contact factory for sizes and options

### PDC (STRAIGHT CABLES) MOUNTING DETAILS

SIZE (in)	WEIGHT	HANGING CABLES / CABLE MOUNTING CIRCLE	CORDS	DRIVERS	HOUSING SECTIONS PER RING	CANOPY DIMENSIONS (INTEGRAL DRIVERS)	REMOTE ENCLOSURES (REMOTE DRIVER OPTION)
24	10 LBS	3 / 22.4"	1	1	1	10" DIAMETER X 2" HIGH	1
35	13 LBS	3 / 34.2"	1	1	1	10" DIAMETER X 2" HIGH	1
47	16 LBS	4 / 46.0"	1	2	1	10" DIAMETER X 2" HIGH	1
59	19 LBS	4 / 57.8"	1	2	1	10" DIAMETER X 2" HIGH	1

NOTES Canopy mounts over 4x4 octagonal j-box (by others.) cord is white. Cable and cords are field cuttable to adjust OAH. Bullet style ceiling couplers are provided and mount by utilizing 1/4-20 threaded rod (by others) or screw (by others) through coupler. When remote driver is specified, a 5.3" diameter x .8" high canopy is supplied (instead of the larger integral driver canopy.) Remote enclosure: contact factory for sizes and options.

# ACOUSTIC PANEL

PANEL MATERIAL PETG (minimum 50% recycled content)  
PANEL THICKNESS 9mm (0.35")  
FIRE RATING CLASS A (ASTM E-84)

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

