

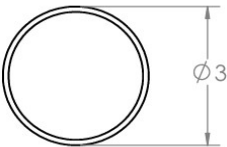
PROJECT:

FIXTURE TYPE:

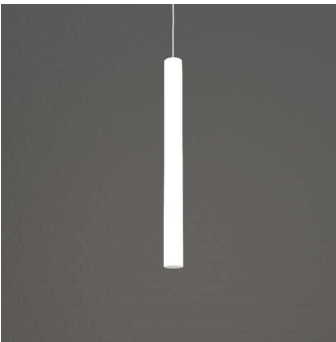
QUANTITY:

Column 3in

Fluent Lighting’s Luminous Column 3in is the perfect addition to any designer’s toolkit. With a versatile 3” diameter, it delivers a smooth, even column of vertical light that enhances any space adding sophistication to your interiors.



SECTION VIEW



SPECIFICATION CODE

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

EXAMPLE

PLC3	36	M 28W	120-277	3500	90	DIM5	PCC/OAH96/REMOTE	RAL7035	
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PLC3
(3" diameter acrylic tube fixture with 360degree illumination)

12	L 6W (575lm, 5lm/sqin)
	M 9W (850lm, 7.5lm/sqin)
	H 13W (1125lm, 10lm/sqin)
24	L 13W (1125lm, 5lm/sqin)
	M 19W (1700lm, 7.5lm/sqin)
	H 25W (2250lm, 10lm/sqin)
36	L 19W (1700lm, 5lm/sqin)
	M 28W (2550lm, 7.5lm/sqin)
	H 38W (3400lm, 10lm/sqin)
48	L 25W (2250lm, 5lm/sqin)
	M 38W (3400lm, 7.5lm/sqin)
	H 50W (4525lm, 10lm/sqin)
60	L 31W (2825lm, 5lm/sqin)
	M 47W (4250lm, 7.5lm/sqin)
	H 63W (5650lm, 10lm/sqin)
72	L 38W (3400lm, 5lm/sqin)
	M 57W (5075lm, 7.5lm/sqin)
	H 75W (6775lm, 10lm/sqin)
84	L 44W (3950lm, 5lm/sqin)
	M 66W (5925lm, 7.5lm/sqin)
	H 88W (7925lm, 10lm/sqin)
96	L 50W (4525lm, 5lm/sqin)
	M 75W (6775lm, 7.5lm/sqin)

120-277

2700
3000
3500
4000
5000

90 (min)

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

PCC/OAH
(cord suspended with canopy, pick OAH, white power cord, integral power supply)

PCC/OAH /REMOTE
(cord suspended with canopy, pick OAH, white power cord, remote power supply, enclosure included)

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

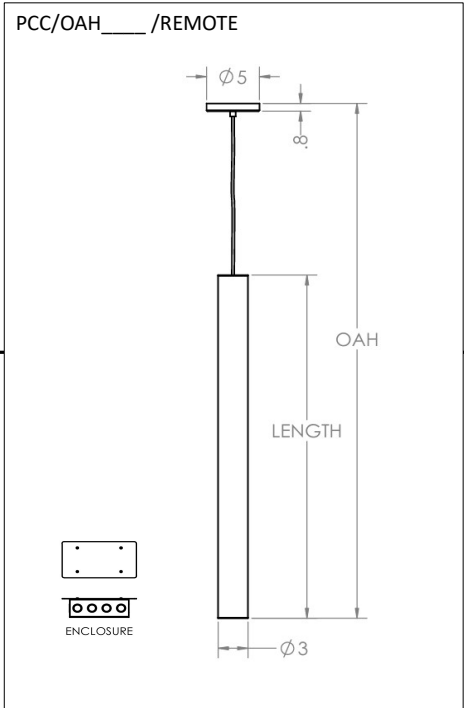
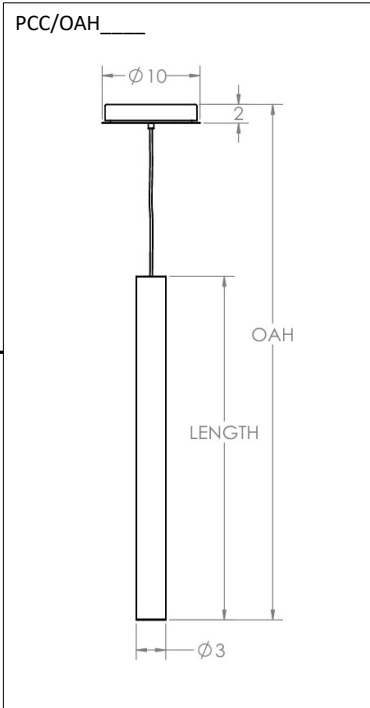
MOD
(modification to standard product, feasibility to be verified by factory)

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

OAH: 48, 96, 144, 192
(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 OPERATIONG TEMP	40C (104F)
HOUSING MATERIAL	aluminum
DIFFUSER MATERIAL	UV resistant textured opal acrylic
SUSP. CABLE MATERIAL	power cord
FINISH MATERIAL	polyester powder coat
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)
WARRANTY	5 year limited warranty



LIGHT SOURCE / PHOTOMETRY

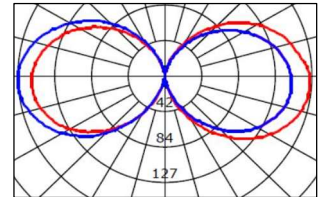
CCT	2700K, 3000K, 3500K, 4000K, 5000K
COLOR BINNING	within 6-step MacAdam ellipse
CRI	90+ (Ra>90, 75>R9>50)
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)

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
90+	0.91	0.94	0.97	1.00	1.00

PLC3



CONTROL

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 (CORD SUSPENDED WITH CANOPY) MOUNTING DETAILS

SIZE (in)	WEIGHT	DRIVERS	CORDS
12	5 LBS	1	1
24	6 LBS	1	1
36	8 LBS	1-2	1
48	8 LBS	1-2	1
60	9 LBS	1-2	1
72	9 LBS	1-2	1
84	10 LBS	1-2	1
96	10 LBS	1-2	1

MINIMUM OAH	INTEGRAL POWER SUPPLY CANOPY DIMENSIONS	REMOTE ENCLOSURES (REMOTE DRIVER OPTION)
18"	10" DIAMETER X 2" HIGH	1
30"	10" DIAMETER X 2" HIGH	1
42"	10" DIAMETER X 2" HIGH	1
54"	10" DIAMETER X 2" HIGH	1
66"	10" DIAMETER X 2" HIGH	1
78"	10" DIAMETER X 2" HIGH	1
90"	10" DIAMETER X 2" HIGH	1
102"	10" DIAMETER X 2" HIGH	1

NOTES Canopy mounts over 4x4 octagonal j-box (by others.) Cord is white. Cord is field cuttable to adjust OAH. Remote enclosure: contact factory for sizes and options