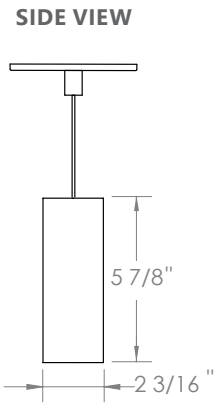


Cylinder 55

Pendant

Monopoint



Project _____

Type _____

Notes _____



 Also available as a Track Decorative, please refer to [TDC55.SPEC spec sheet](#)

PERFORMANCE PER UNIT AT 3500K

TOTAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
729 lm	16 W	46 lm/W

Ordering Guide

C55PD											
PRODUCT ID		NOM. LUMENS		COLOR TEMP.		HOUSING FINISH		VOLTAGE		DRIVER	
C55PD	Cylinder 55 Pendant Stand alone	550	550 lm min	30	3000K	BLK	black	120	120 V	DP dimming (0-10V or TRIAC) 1% *	
		750	750 lm max	35	3500K	W	white	277	277 V	LT(LDE1) Lutron Hi-lume 1% EcoSystem (remote)**	
								UNV	universal	O(DALI) DALI (remote)**	
								347	347 V*		
						* Extended lead time may apply.		* Not available with DP driver. FCPR mounting only.		* Available only for FCPR mounting option. TRIAC dimming for line voltage capable (120V voltage only), purple and pink wires need to be capped in that case. See wiring detail on page 2. ** Only available with FCPR mounting option. Remote driver enclosure by Axis.	

MOUNTING	MOUNTING CANOPY FINISH	PENDANT CABLE LENGTH	CABLE COLOR
FCP flat stand alone canopy, driver in j-box*	BLK black	TLA(L) cable length adjustable (specify length between 6" and 140") – cable can be shortened on-site.	BLK black
FCPR flat stand alone canopy, remote driver	W white		W white
		Black or white 1/8" diameter cable used. To order Swag mounting accessories, such as Rails and Hooks, see Swag Accessories for Pendants Spec sheet.	1/8" diameter used.

CONSTRUCTION

Housing	Precision machining aluminum.
Optic holder	Die-cast aluminum. Heat sink construction holds LED array and regressed acrylic TIR optics.
Mounting	Concealed cable gripper for easy suspension length adjustment.

LED SYSTEM

CRI	Minimum 90 color rendering index
CCT	3000K, 3500K color temperature with a great color consistency (within 3-step MacAdam ellipse).
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.

ELECTRICAL

DP driver (FCP)	Canopy includes an Axis integral driver, 0-10V 1% or TRIAC line voltage dimming standard.
Lutron driver (remote)	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers (remote)	DALI - Digital Addressable Lighting Interface
Luminaire Input Voltage	28VDC constant current.

FINISH

Powder coated matte black or white metal finish.

WEIGHT

Cylinder 55 : 1 lbs / 0.45 kg

APPROVALS

Certified to cULus standards. 
All Decoratives, Pendants, and Spotlights certified under UL2108.

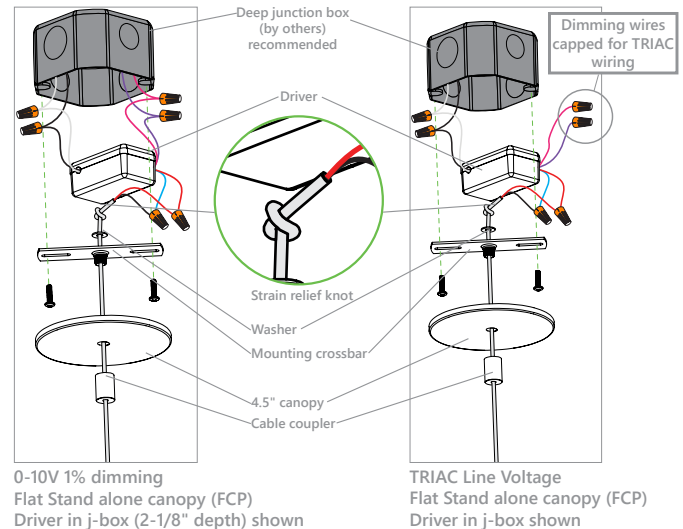
WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

BEAM SPREADS

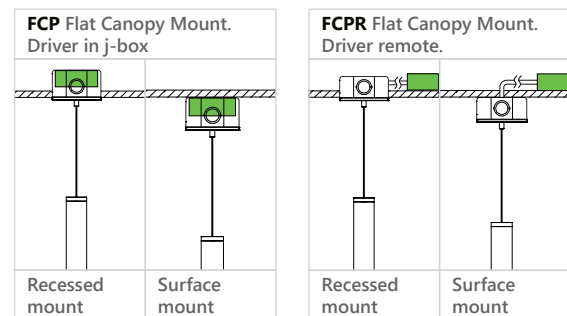


WIRING DETAIL



MOUNTING OPTIONS

T-bar, drywall and solid ceiling compatible.

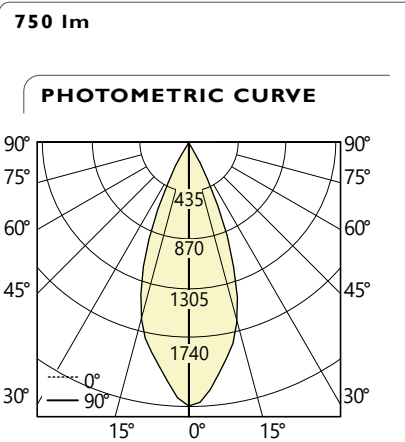


SWAG MOUNTING DETAILS



To get more details and order swag mounting hardware please see [Swag Accessories for Pendants Spec sheet](#).

PHOTOMETRIC DATA



CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1740	1740	1740	1740	1740
5	1655	1653	1653	1636	1636
15	1283	1267	1263	1242	1233
25	508	484	485	460	458
35	41	37	37	33	33
45	2	1	2	1	1
55	0	0	0	0	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS	
Zone	Lumens
0	
0-10	149
10-20	332
20-30	216
30-40	31
40-50	1
50-60	0
60-70	0
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	12207	12359	11535
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

Total Lumens: 729 lm
Input Watts: 16 W
Efficacy: 46 lm/W

IES FILE: TDC55-750-90-35.ies
TESTED ACCORDING TO IES LM-79-2019

All IES files are available for download at: www.axislighting.com