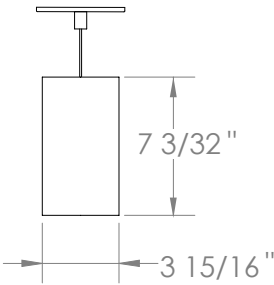




SIDE VIEW



Project _____

Type _____

Notes _____



 Also available as a **Track Decorative**, please refer to [TDC100.SPEC spec sheet](#)

PERFORMANCE PER UNIT AT 3500K

TOTAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
1500 lm	17.9 W	84 lm/W

Ordering Guide

C100PD							
PRODUCT ID		NOM. LUMENS		COLOR TEMP.		HOUSING FINISH	
C100PD	Cylinder 100 Pendant	1150	1150 lm min	30	3000K	BLK	black
		1500	1500 lm max	35	3500K	W	white
						120	120 V
						277	277 V
						UNV	universal
						347	347 V*
						* Extended lead time may apply.	
						* Not available with DP driver. FCPR mounting only.	
						* Available only for FCP 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 100: 2.5 lbs / 1.13 kg

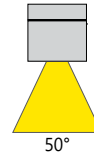
APPROVALS

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

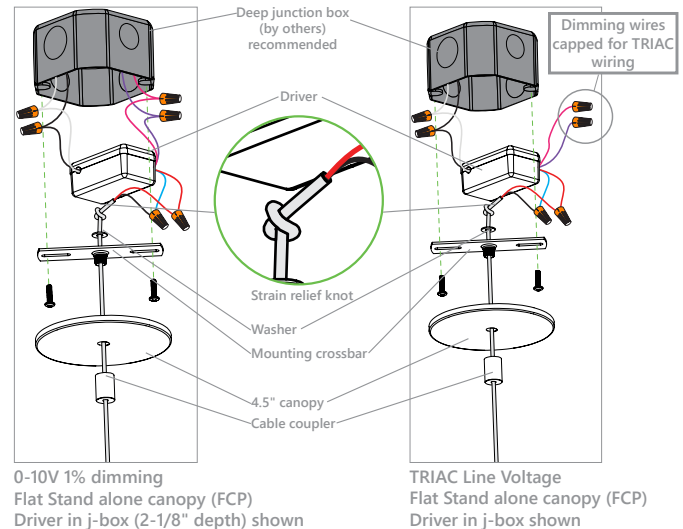
WARRANTY

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 SPREAD

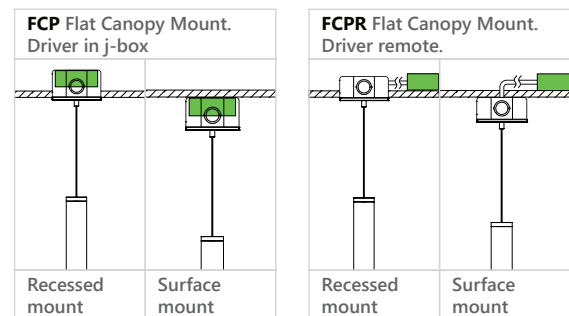


WIRING DETAIL



MOUNTING OPTIONS

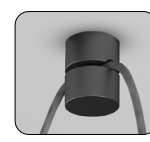
T-bar, drywall and solid ceiling compatible.



SWAG MOUNTING DETAILS



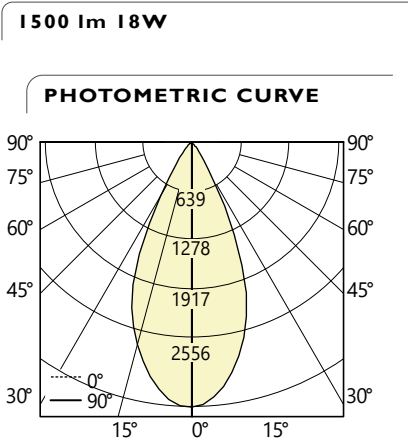
Swag hook shown on rail (TDSR)



Swag hook shown on ceiling (TDSH)

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

● PHOTOMETRIC DATA



Total Lumens: 1500 lm
Input Watts: 17.9 W
Efficacy: 84 lm/W

IES FILE: TDC100-LO-90-35.ies
TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2546	2546	2546	2546	2546
5	2515	2498	2491	2468	2457
15	2071	2027	1997	1959	1942
25	1189	1089	1028	960	978
35	243	228	220	207	208
45	68	64	64	62	62
55	20	19	19	18	18
65	2	1	1	1	1
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	228
10-20	546
20-30	485
30-40	165
40-50	55
50-60	20
60-70	3
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	45060	42849	40946
55	16456	15765	15029
65	1896	1330	1234
75	0	0	0
85	0	0	0

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