



Project _____

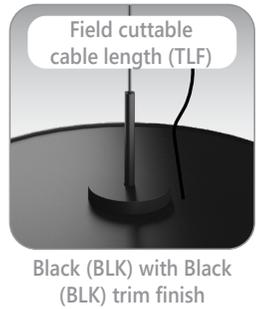
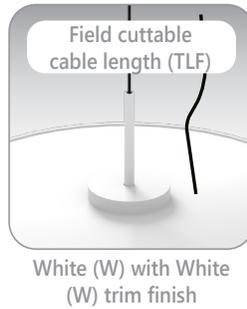
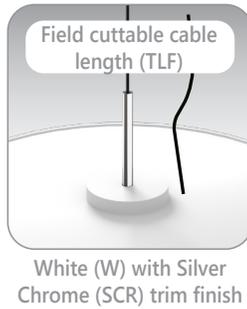
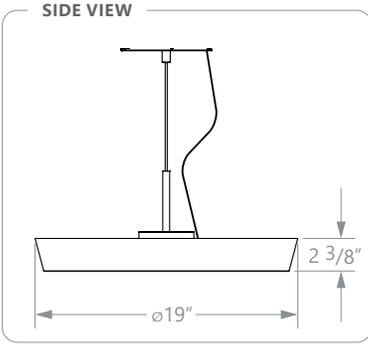
Type _____

Notes _____

 Also available as an **AxisTrak Decorative**, please refer to [TDHDP.SPEC spec sheet](https://www.axislighting.com/TDHDP.SPEC)

SPECIFICATIONS TABLE

UNIT POWER CONSUMPTION (MAX)	21.72 W
NOMINAL WEIGHT	8.2 lbp / 3.72 kg



Ordering Guide

HDPD	SO					
PRODUCT ID	SHIELDING	NOM. LUMEN OUTPUT	CRI	COLOR TEMP.	HOUSING FINISH	TRIM FINISH
HDPD Helios Disk Pendant	SO spotless lens	LO low output HI high output	90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	BLK black W white* C custom	BLK black SCR silver chrome W white
		1500 – 1700 min lumen range depending on color temp. 2400 – 2700 max lumen range depending on color temp. See page 2 for details.			*Note the power cable is black	

VOLTAGE	DRIVER	MOUNTING	MOUNTING FINISH	PENDANT CABLE/STEM LENGTH
120 120 V 277 277 V UNV universal 347 347 V*	DP dimming (0-10V 1% or TRIAC) * LT(LDE1) Lutron Hi-lume 1% EcoSystem (remote)** O(DALI) DALI (remote)**	SCP stand alone canopy, driver in-canopy* FCP flat stand alone canopy, driver in j-box* FCPR flat stand alone canopy, remote driver	BLK black AP aluminum paint W white C custom	TLF(L) cable length adjustable field cuttable (specify between 6" and 180")
* Not available with DP driver. FCPR mounting only.	* FCP or SCP available. 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.	Round canopy used. See more details on page 2. * Only available with DP driver.		Black, plenum rated cable 1/8" diameter used. To order Swag mounting accessories, such as Rails and Hooks, see Swag Accessories for Pendants Spec sheet.

Patent number: 11,118,765

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.

1 / 3
November 27, 2023

FILE NAME:HDPD.SPEC

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CONSTRUCTION

- Housing** Die-cast aluminum with chrome or painted metal finish. Heat sink construction holds LED array and regressed acrylic TIR optics.
- Mounting** Concealed cable gripper for easy suspension length adjustment.

LED SYSTEM

- CRI** Minimum 80 or 90 color rendering index
- CCT** Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.0-step MacAdam ellipse).
- LED life** Minimum 50,000 h 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 (SCP or 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** 36VDC constant current.

NOMINAL LUMEN OUTPUT

CCT	Max lumen output (HI)	Min lumen output (LO)	Wattage Max	Wattage Min
2700 K	2425 lm	1540 lm	21.72 W	13.41 W
3000 K	2510 lm	1600 lm	21.72 W	13.41 W
3500 K	2600 lm	1650 lm	21.72 W	13.41 W
4000 K	2690 lm	1710 lm	21.72 W	13.41 W

APPROVALS

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

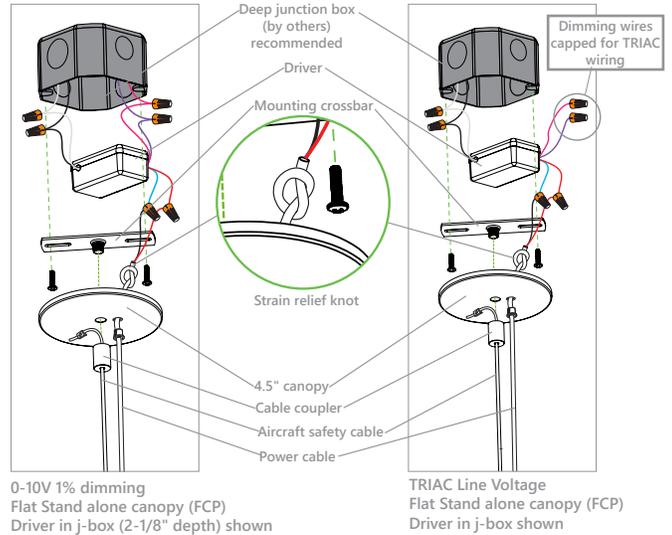
WARRANTY

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.

FINISH

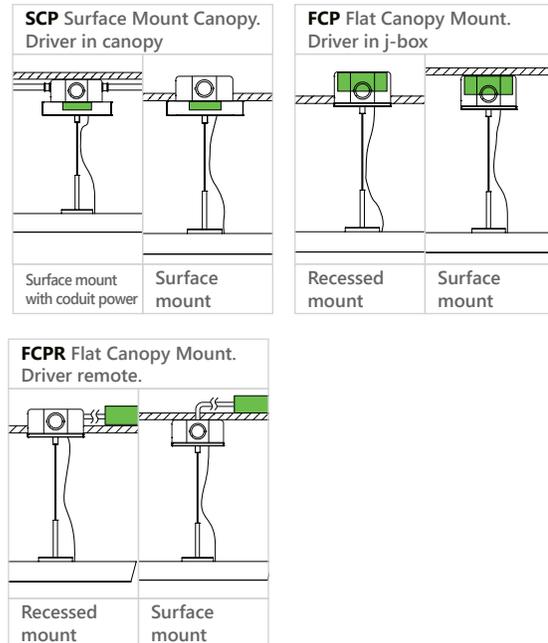
Powder coated matte black or white.

WIRING DETAIL



MOUNTING OPTIONS

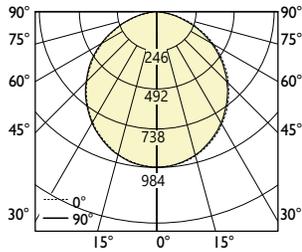
T-bar, drywall and solid ceiling compatible.



● PHOTOMETRIC DATA

2600 lm

PHOTOMETRIC CURVE



Total Lumens: 2679 lm
Input Watts: 21.72 W
Efficacy: 123 lm/W

Shown for 90 CRI
 IES FILE: HDPD-SO-2600-90-35
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	984	984	984	984	984
5	979	980	981	981	981
15	942	944	947	947	947
25	868	871	875	876	876
35	764	769	773	775	775
45	637	642	648	650	650
55	491	497	503	505	505
65	331	338	344	346	345
75	168	175	181	182	180
85	30	35	40	40	39
90					

ZONAL LUMENS

Zone	Lumens
0	
0-10	93
10-20	265
20-30	398
30-40	475
40-50	487
50-60	434
60-70	320
70-80	171
80-90	35
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5638	5730	5750
55	5359	5488	5509
65	4898	5095	5108
75	4053	4372	4363
85	2143	2856	2769

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