

Modular Commercial Downlight

TK-CDLPEK™ Series

Description

Tektron's TK-CDLPEK modular downlight offers a flexible installation process for new construction and remodeling applications. Lumen output, color temperature, and beam angle can be adjusted during future installations to suit your needs.

Applications

Ideal for commercial lighting, remodel or new construction projects, Hotel, healthcare, meeting room.

Quick Ship

TK-CDLPEK-4-20W/30W-5CCT-9DUV

TK-CDLPEK-6-55W-40K-9DUV



Specifications and Features

Controls / Dimming

Switchable Beam angle: 24°—45° (CDLPEK-4) and 30°—55° (CDLPEK-6).
Supports 0—10V dimming.

Certification

It complies with ETL Listings, Energy Star, Title 24, and FCC Rated.

Warranty

5 Years Limited Warranty.
For more information visit us at,
www.technoledlights.com/warrantyinfo

Installation / Mounting

The installation process is straightforward and offers a range of mounting possibilities.

Ordering Information

Example: TK-CDLPEK-4-20W-5CCT9DUV

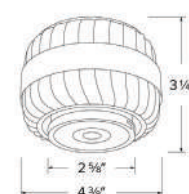
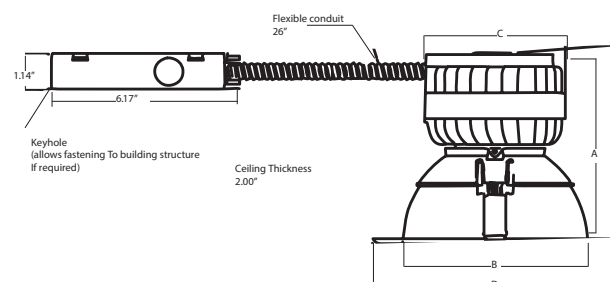
TK	CDLPEK	20W	5CCT	DUV	CSH (ORDER SEPARATELY)												
Brand	Series	Watts	Color Temp	Input Voltage	Trims												
TK - TekTron	CDLPEK - Commercial Downlight PEK	4- 20W - (10W/15W/20W) 4- 30W - (20W/24W/30W) (For TK-CDLPEK-6) 6- 55W - (32W/40W/55W) (Wattage Selectable)	2700K 3000K 3500K 4000K 5000K } CRI 90+ 4000K (For TK-CDLPEK-6) (CCT Selectable)	UV- 120-277VAC (Universal Voltage) HV- 120-347VAC Dimming D - 0-10V Dimming Emergency EMB - 25W External (Emergency Battery Backup optional)	<table><tr><th>Product ID</th><th colspan="2">Aperture/Shape/Function</th></tr><tr><td>TK-CDLPEK</td><td>R04</td><td>4" Round Downlight</td></tr><tr><td>TK-CDLPEK</td><td>R06</td><td>6" Round Downlight 1</td></tr><tr><td>TK-CDLPEK</td><td>R08</td><td>8" Round Downlight 1</td></tr></table> TK-CDLPEK-R04 4 inch TK-CDLPEK-R06 6 inch TK-CDLPEK-R08 8 inch	Product ID	Aperture/Shape/Function		TK-CDLPEK	R04	4" Round Downlight	TK-CDLPEK	R06	6" Round Downlight 1	TK-CDLPEK	R08	8" Round Downlight 1
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Specifications and Features

Input Voltage	120-277 VAC
Color Temperature (CCT)	5CCT (2700K,3000,3500K,4000K,5000K)
Luminous efficacy (Lm/W)	90-100lm/w
Color Rendering Index (CRI)	90+
Dimmable	0-10V
Beam Angle	24-45° / 30-55°
Operating Temperature	-25°C ~ +45°C
Life Span	50,000+ Hrs

Part Number	Wattage	A (Assembled Height)	B (Aperture Diameter)	C (Module Heat Sink)	D (Trim Diameter)
TK-CDLPEK-4-20	20W	5.36"	4.15"	4.35"	6"
TK-CDLPEK-4-30	30W	5.85"	5.65"	4.35"	7.50"
TK-CDLPEK-6-55	55W	6.65"	7.25"	5.55"	9.10"

Dimensions



Accessories



Pan Support for Joist Ceilings



Pan with Bar Hangers for T-Grid/Joist Ceilings



Diffuse Anodized



White Cone & Flange



Diffuse Anodized Cone & White Flange

[Cut out](#)

[Interchangeable Trims](#)

For Reference Only

The testing done by **TekTron's** does not mean or guarantee that the product meets the standards or certifications of any independent laboratory or other authority. For more details on the product's standards and certifications, please refer to the manufacturer specifications. Before installing the product, please check with the dimmer manufacturer to make sure they are compatible

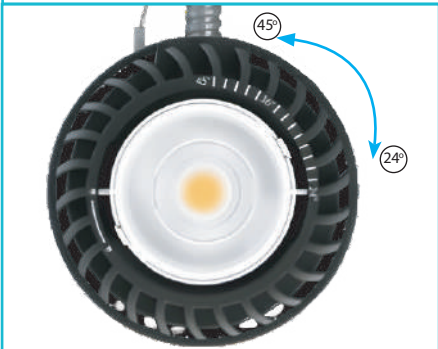
Manufacturer	Product	Part Number	Dimmed Light Output Range
Lithonia	Slide Dimmer, 0-10V DC, 1500W for LED and CFL Lighting, Single Pole, 3-Way Wiring, Allows on/offswitching without disturbing light level, Fits Standard Single or Multi-gang switch boxes	ISD BC 120/277 WH	5% - 100%
Cooper	Slide Dimmer, 0-10V, 120/277VAC 60Hz, 1200/1600W for LED and CFL Lighting, Single Pole, 3-Way Operation, Commercial/Residential Application, Title 24 Compliant	SF10P-W	5% - 100%
Lutron	Diva Dimmer, 0-10V, 120 to 277VAC 50/60Hz, 8 Amp, 2216W for LED and CFL Lighting, Single Pole, 3-Way Operation, Commercial/Residential, Indoor Application	DVSTV-WH	5% - 100%
Leviton	IllumaTech Mark 7 Dimmer, 0-10V, 120/277VAC 60Hz, 1200/1500W for LED and CFL Lighting, Electro Mechanical Preset On/Off Switch, Single Pole, 3-Way Operation, Commercial/Residential Application	IP710-DLZ	5% - 100%

Feild Adjustment's

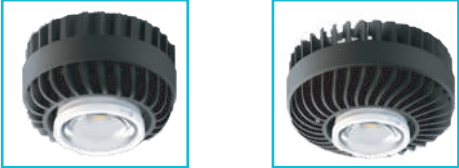
Easy integral switch allows a wide range of configurations.



Beam Adjustment Dial with Indicator



Simply dial in desired beam on the jobsite.
NO NEED TO CHANGE OUT OPTICS



Engines



Photometric

TK-CDLPEK-4

CANDELA DISTRIBUTION								ZONAL LUMEN SUMMARY			LUMINANCE DATA	
Degree	Candela	Degree	Candela	Degree	Candela	Degree	Candela	Zone	Lumens	% Luminaire	Vertical Anlge	Average
0	1803	25	844	55	8	85	0	0-40	1138	96.9	45°	4710
5	1736	35	408	65	3	90	0	0-60	1170	99.7	55°	1720
15	1318	45	27	75	1	-	-	0-90	1174	100.0	65°	876
								0-180	1174	100.0	75°	477
											85°	0

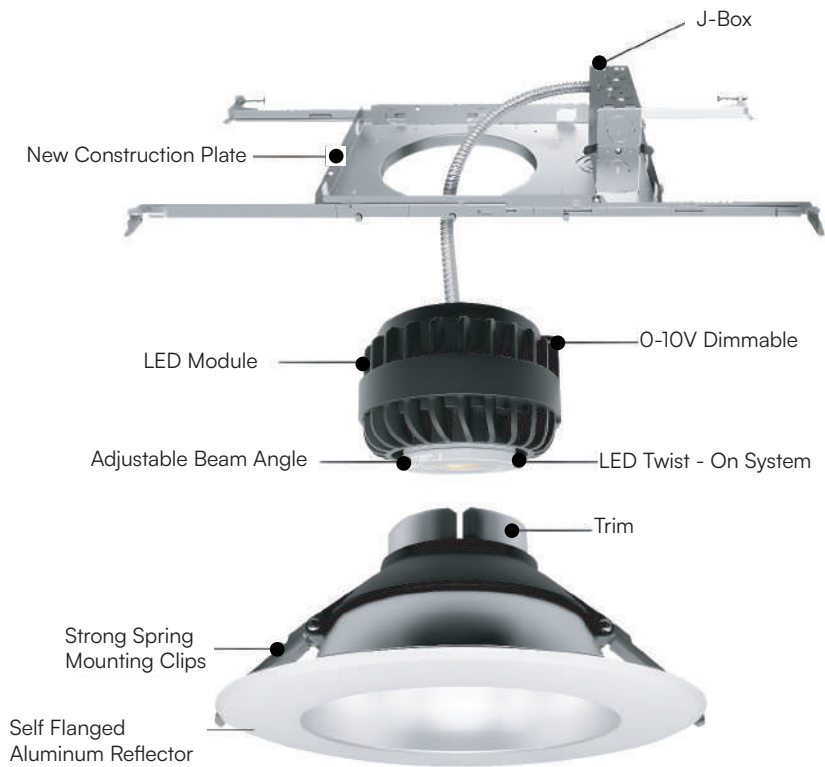
TK-CDLPEK-6

CANDELA DISTRIBUTION								ZONAL LUMEN SUMMARY			LUMINANCE DATA	
Degree	Candela	Degree	Candela	Degree	Candela	Degree	Candela	Zone	Lumens	% Luminaire	Vertical Angle	Average
0	2008	25	787	55	4	85	1	0-40	1155	93.0	45°	4705
5	1884	35	422	65	2	90	0	0-60	1239	99.7	55°	455
15	1288	45	51	75	1	-	-	0-90	1243	100.0	65°	309
								0-180	1243	100.0	75°	252
											85°	749

TK-CDLPEK-8

CANDELA DISTRIBUTION								ZONAL LUMEN SUMMARY			LUMINANCE DATA	
Degree	Candela	Degree	Candela	Degree	Candela	Degree	Candela	Zone	Lumens	% Luminaire	Vertical Anlge	Average
0	2245	25	748	55	2	85	0	0-40	1122	93.6	45°	2018
5	2011	35	382	65	1	90	0	0-60	1197	99.9	55°	131
15	1289	45	38	75	0	-	-	0-90	1198	100.0	65°	89
								0-180	1198	100.0	75°	0
											85°	0

Product Details



Polycarbonate diffuse lens optic suitable for wet locations.



Easy turn and lock trim install.



Robust mounting springs for up to 2" ceiling thickness.



Integral Wiring compartment can eliminate an additional J-Box.

Easy Installations

1



2

