DL SERIES SPECIFICATION GRADE DOWNLIGHT

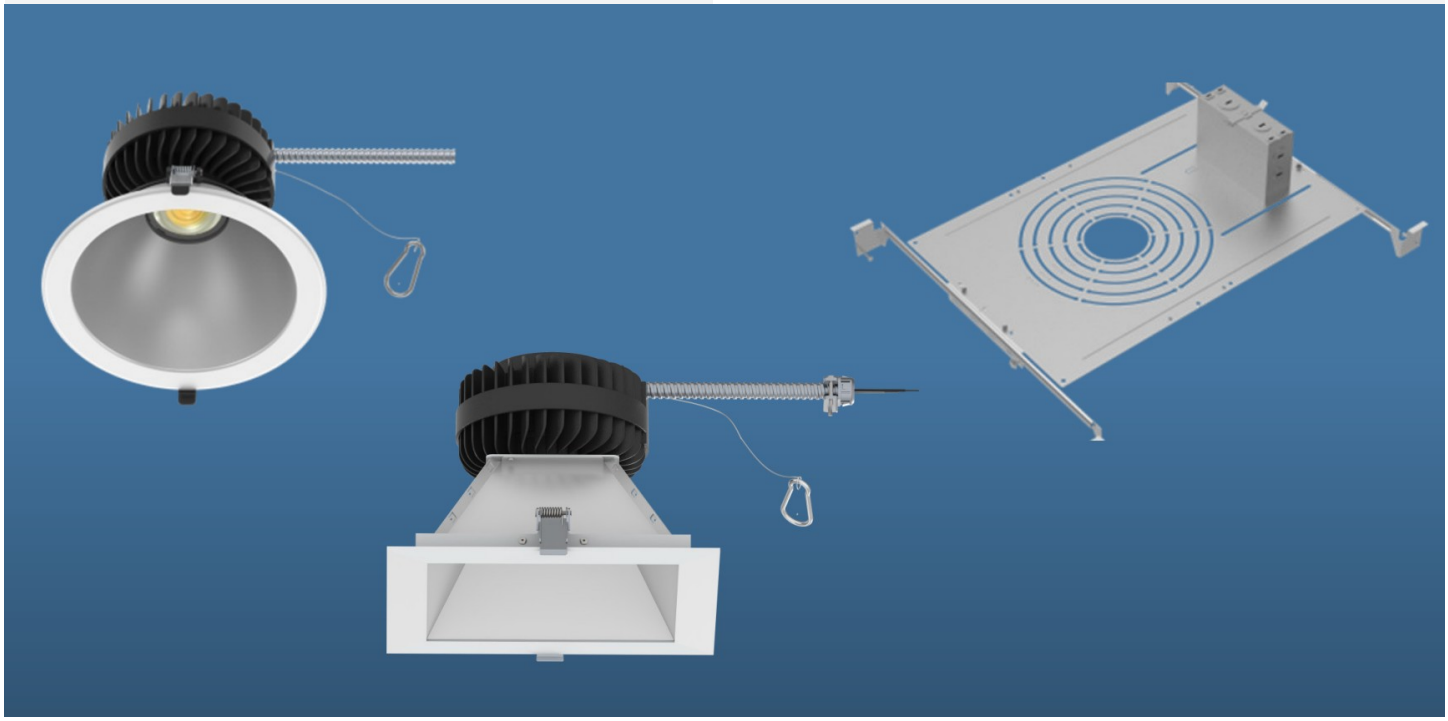
DESCRIPTION

Jaykal's new specification grade downlight for new construction application with multiple options.

Wattage and color selectability is standard, allowing field tuning to meet changing project requirements. It features three wattage presets and five color presets and is Energy Star listed.

FEATURES

- Wattage Selectable: From 6W to 56W
- CCT Selectable: 2700K/3000K/3500K/4000K/5000K
- M40 & M60 Light Engine options
- Round 4/6/8/10in and square 4/6/8 inch reflector
- Available for Multiple accessory options for new construction applications



Intertek

ENERGY STAR

CAN BE USED TO COMPLY WITH JA8 TITLE 24 HIGH EFFICACY LED LIGHT SOURCE REQUIREMENTS

Shows Colors True & Natural 90 CRI

RoHS Compliant

Revised 8/6/2026

Specifications are typical values and may change without notification

JAYKAL
efficiency. illuminated

DL SERIES SPECIFICATION GRADE DOWNLIGHT

SPECIFICATIONS

MODELS	JLS-DL				
INPUT VOLTAGE	120-277VAC 50/60hz / 120-347VAC 50/60Hz				
LIGHT ENGINE	M40				M60
WATTAGE TYPE	M1	M2	M3	M4	M5
WATTAGE	6W/8W/12W	8W/11W/18W	15W/20W/30W	20W/25W/36W	35W/45W/56W
EFFICACY	>83lm/W	>83lm/W	>86lm/W	>88lm/W	>89lm/W
LUMENS @50K	600/800/1,000lm	850/1,100/1,500lm	1,500/2,000/2,600lm	2,000/2,500/3,200lm	3,500/4,200/5,000lm
POWER FACTOR	>0.9				
DIMMING	Tri-mode 0-10V/TRIC/ELV dimming, 10-100%				0-10V dimming, 10-100%
THD	<20%				
CRI	90				
SURGE PROTECTION	2.5KV Ringwave				
NOISE	<22dB, ES class A, Title 24 standard				
SDCM	<7 Steps				
FLICKER	<30%				
CCT	MCCT (2700K/3000K/3500K/4000K/5000K Selectable)				
BEAM ANGLE	38-75 Degree	38-75 Degree	40-75 Degree	40-75 Degree	40-75 Degree
OPERATIONAL TEMP.	-25°C (-13°F) to 40°C (104°F)				
LENS	Polycarbonate				
HOUSING MATERIAL	Die-casting aluminum				
FINISH	Module: Sandy Black				
REFLECTOR SUITABLE FOR	4/6/8/10 Inch Reflector				6/8/10 Inch Reflector
REFLECTOR FINISH	Specular/Semi-specular/Matt White/Matt Black/Specular with white trim/Semi-specular with white trim for round reflector with 4"6"8"10" options Matt White/Matt Black for square reflector with 4"6"8" options				
IC OR NON-IC	IC Rated		Non-IC Rated		
OPERATIONAL TEMP.	-25°C (-13°F) to 40°C (104°F)				
L70 HOURS	>50,000Hrs L70 base on TM21				
ACCESSORIES	Goof Ring, New construction plat, Hanger bar, J-BOX or EMBB				
PACKAGE STYLE	Carton box & master carton box				
QTY/MASTER BOX	6 PCS				
DIMENSION	D4.35*H3.25"				D5.55*H3.25"
MASTER CARTON DIMENSION	L17.8*W16.6*H11.2"				L19.0*W18.2*H11.2"
IP RATING	IP44				
UL RATING	Suitable for Indoor Wet Locations				
APPLICATION	Interior Areas with Shower Rating				
WARRANTY	5 Years				

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efficiency. illuminated.

DL SERIES SPECIFICATION
GRADE DOWNLIGHT

COMPATIBLE DIMMER LIST

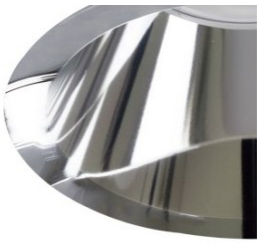
NO.	BRAND	MODEL NUMBER	INTERFACE
1	Leviton	IP710-DLZ	0-10V Dim
2	Lithonia/Synergy	ISD BC 120-277 WH	0-10V Dim
3	Cooper	SF10P-W	0-10V Dim
4	Lutron	DVSTV-WH	0-10V Dim
5	HUBBELL	PSD710	0-10V Dim
6	HUBBELL	RSD710Z	0-10V Dim

BRAND	MODEL NUMBER	WATTAGE	INTERFACE
Lutron	CTCL-153P-WH	150W	Triac Dim
Lutron	DVCL-153P	150W	Triac Dim
Legrand	HCL453PTCCCV6	450W	Triac Dim
Synergy/Leviton	ISD 600 I 120/IPI06	600W	Triac Dim
Leviton	6633-PA	600W	Triac Dim
Leviton	6631-PLW	600W	Triac Dim
Lutron	DVELV-300P-AL	300W	ELV Dim
Lutron	NTELV-300-WH	300W	ELV Dim
HUBBELL	RSDE06	600W	ELV Dim
Lutron	PD-5NE	150W	Wireless

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REFLECTOR OPTIONS



Specular



Semi-Specular



Matt White



Matt Black

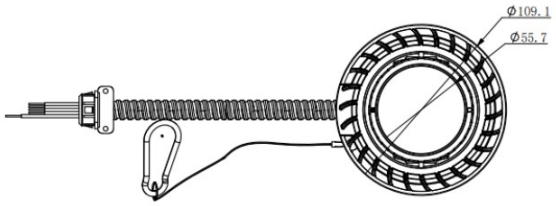


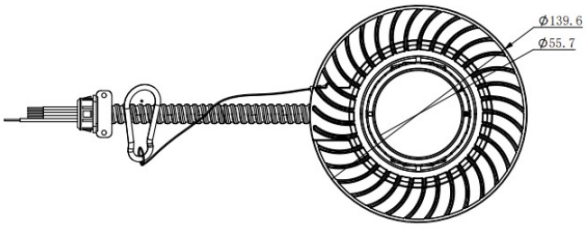
Specular with
white trim

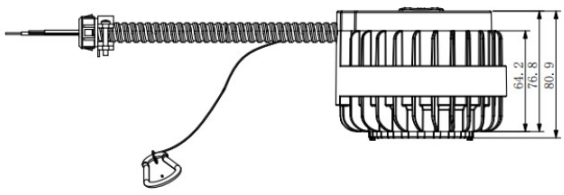


Semi-Specular
with white trim

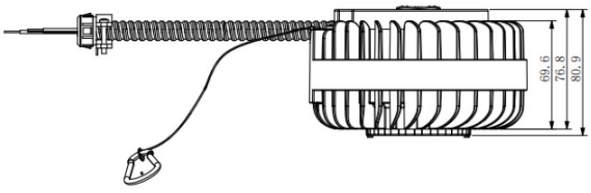
DIMENSIONS (Units : Inch/mm)







M40 of Light Engine



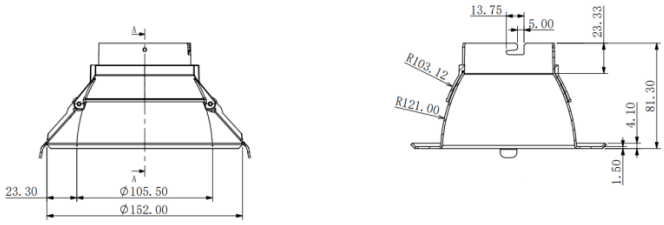
M60 of Light Engine

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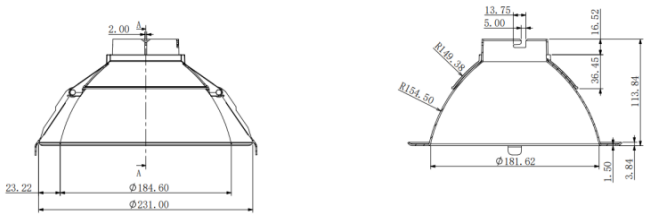
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DL SERIES SPECIFICATION
GRADE DOWNLIGHT



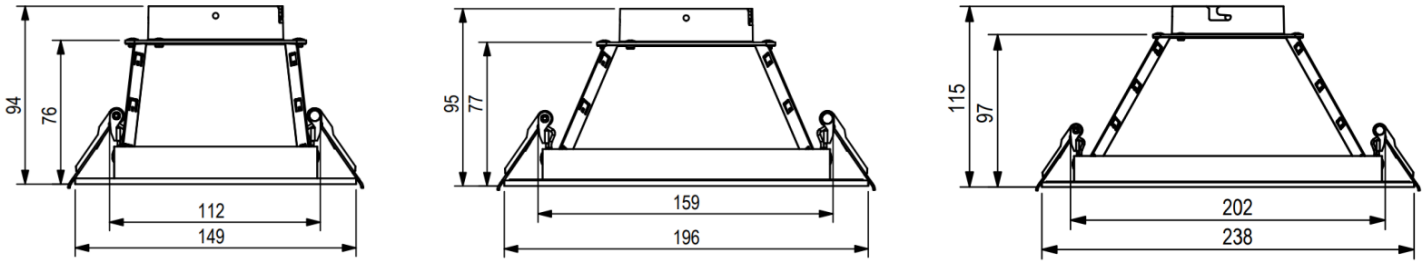
4inch Round

6inch Round



8inch Round

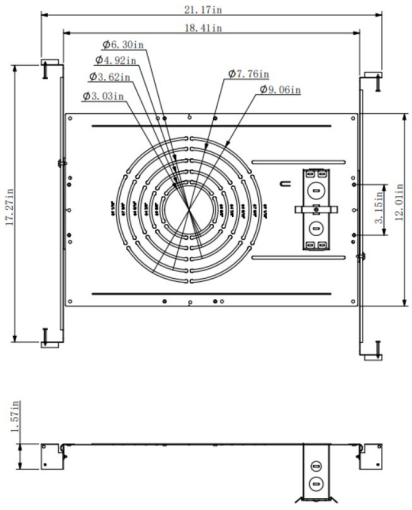
10inch Round



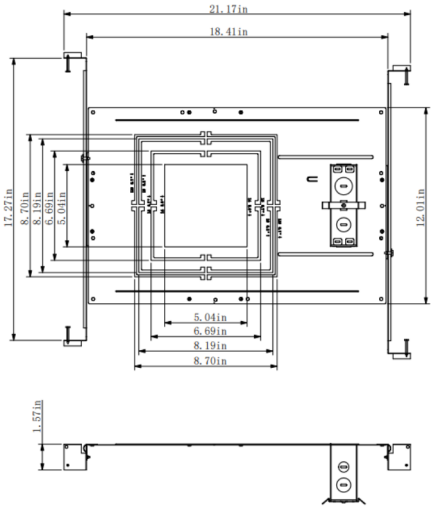
4inch Square

6inch Square

8inch Square



Round type of new construction plate



Square type of new construction plate

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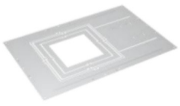
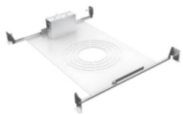
DL SERIES SPECIFICATION GRADE DOWNLIGHT

ORDERING GUIDE

TAA IS NOT AVAILABLE FOR THIS PRODUCT

MODEL	-	LIGHT ENGINE	-	WATTAGE	-	CCT	-	REFLECTOR	-	APPERANCE OF HOUSING
JLS-DL		**4 = M40** **6 = M60**		**M1** = 6W/8W/12W **M2** = 8W/11W/18W **M3** = 15W/20W/30W **M4** = 20W/25W/36W **M5** = 35W/45W/56W		**9MCCT** = 2700/3000/ 3500/4000/5000K		**R04** = Round 4” **R06** = Round 6’ **R08** = Round 8” **R10** = Round 10” **S04** = Square 4” **S06** = Square 6” **S08** = Square 8”		**S** = Specular **SS** = Semi-Specular **MW** = Matt White * **MB** = Matt Black * **SMW** = Specular, Matt white Flange **SSMW** = Semi-Specular, Matt White Flange * : Square Reflector only available for Matt White and Matt Black type

Accessories (SOLD SEPARATELY)

	Goof Ring for round housing	JLS-DL-GF-4/6/8
	3/4/6/8/10in Round New Construction Pans (Universal)	JLS-DL-NCPR
	4/6/8/10in Square New Construction Pans (Universal)	JLS-DL-NCPS
	3/4/6/8in New Construction Pans	JLS-DL-NCP-3/4/6/8
	Junction-Box	JLS-DL-B
	T-Grid Bar/ Hanger Bar	JLS-DL-HB
	New Construction Plate Kits	JLS-DL-NCPK

EM Backups		
	8W Emergency Backup	EMBAC8-347V(BLD-HM08D)
	15W Emergency Backup	EMBBAC15-347V(BLD-HM15D