

KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

DESCRIPTION

LED Commercial Downlight | Power Select Technology
Color Select Technology | Internal Driver an Integral Whip

APPLICATION

Ideal for residential, hospitality, retail, office, and other retrofit and new construction applications



PRODUCT FEATURES

- Keystone Power Select and Color Select technologies offer SKU reduction and allow for easy, on-the-job adjustments
- Designed with integral whip to connect directly to a junction box; Ideal for installation into existing CFL pin-based fixture infrastructure
- Integral driver eliminates the need for a traditional multi-piece fixture setup
- CEC Compliant Flicker Rate (CEC JA10 std.)
- Ideal for new construction, remodel, and retrofit applications
- Smooth reflector trim offers clean, modern appearance
- Interchangeable trims available in matte black, brushed nickel, and bronze
- Powered by Keystone Combination dimming LED driver; 0-10V (10–100% dimming), Triac and ELV dimming (@120V only)
- Ambient operating temperature: –25°C/–13°F to 40°C/104°F
- Suitable for use in wet locations
- Airtight and Type IC-rated
- Power factor: >0.90
- THD: <25%
- LED chip lifetime: L70 >80,000 hrs @ 25°C/77°F ambient fixture temp
- FCC Part 15, Subpart B, Class B

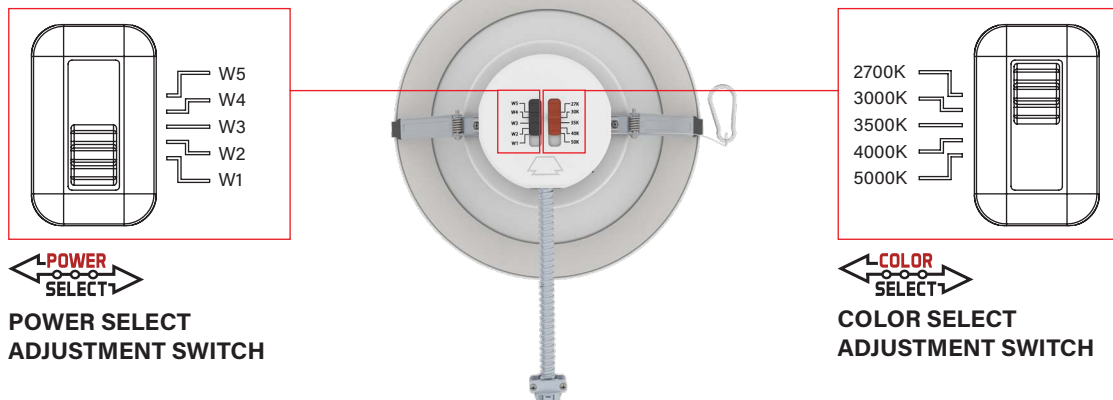
PERFORMANCE SPECIFICATIONS OVERVIEW

Catalog Number	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI	Beam Angle	Housing Color	Lifetime
KT-RDLED38PS-10A-9CSF-CDIM	38/32/28/24/20W	2700/3000/3500/4000/5000K	4150	109 lm/W	120-277V	0-10V	>90	XX°	White	80,000hrs
KT-RDLED30PS-8A-9CSF-CDIM	30/27/23/20/16W	2700/3000/3500/4000/5000K	3350	112 lm/W						
KT-RDLED24PS-6A-9CSF-CDIM	24/21/18.5/13/9.5W	2700/3000/3500/4000/5000K	2750	115 lm/W						
KT-RDLED13PS-4A-9CSF-CDIM	13/10/9/7/5.5W	2700/3000/3500/4000/5000K	1450	112 lm/W						

* Preset to (5000K)

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT



KT-RDLEDXXPS-XA-9CSF-CDIM

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PERFORMANCE SPECIFICATIONS DETAILED

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED38PS-10A-9CSF-CDIM	10"	38W	2700K	3,700	97 lm/W	120-277V	0-10V, Phase Dimming	>90
			3000K	3,800	100 lm/W			
			3500K	4,100	108 lm/W			
			4000K	4,150	109 lm/W			
			5000K	4,150	109 lm/W			
		32W	2700K	3,300	103 lm/W			
			3000K	3,450	108 lm/W			
			3500K	3,550	111 lm/W			
			4000K	3,600	113 lm/W			
			5000K	3,600	113 lm/W			
		28W	2700K	3,000	107 lm/W			
			3000K	3,100	111 lm/W			
			3500K	3,150	113 lm/W			
			4000K	3,200	114 lm/W			
			5000K	3,200	114 lm/W			
		24W	2700K	2,600	108 lm/W			
			3000K	2,700	113 lm/W			
			3500K	2,800	117 lm/W			
			4000K	2,850	119 lm/W			
			5000K	2,850	119 lm/W			
		20W	2700K	2,300	115 lm/W			
			3000K	2,400	120 lm/W			
			3500K	2,500	125 lm/W			
			4000K	2,550	128 lm/W			
			5000K	2,550	128 lm/W			

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PERFORMANCE SPECIFICATIONS DETAILED (continued)

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED30PS-8A-9CSF-CDIM	8"	30W	2700K	3000	100 lm/W	120-277V	0-10V, Phase Dimming	>90
			3000K	3200	107 lm/W			
			3500K	3300	110 lm/W			
			4000K	3350	112 lm/W			
			5000K	3350	112 lm/W			
		27W	2700K	2900	107 lm/W			
			3000K	3000	111 lm/W			
			3500K	3150	117 lm/W			
			4000K	3200	119 lm/W			
			5000K	3200	119 lm/W			
		23W	2700K	2400	104 lm/W			
			3000K	2500	109 lm/W			
			3500K	2650	115 lm/W			
			4000K	2700	117 lm/W			
			5000K	2700	117 lm/W			
		20W	2700K	2200	110 lm/W			
			3000K	2300	115 lm/W			
			3500K	2400	120 lm/W			
			4000K	2450	123 lm/W			
			5000K	2450	123 lm/W			
		16W	2700K	1850	116 lm/W			
			3000K	1900	119 lm/W			
			3500K	2000	125 lm/W			
			4000K	2050	128 lm/W			
			5000K	2050	128 lm/W			

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LED COMMERCIAL DOWNLIGHT

PERFORMANCE SPECIFICATIONS DETAILED (continued)

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED24PS-6A-9CSF-CDIM	6"	24W	2700K	2400	102 lm/W	120-277V	0-10V, Phase Dimming	>90
			3000K	2500	108 lm/W			
			3500K	2600	113 lm/W			
			4000K	2650	115 lm/W			
			5000K	2650	115 lm/W			
		21W	2700K	2200	105 lm/W			
			3000K	2300	110 lm/W			
			3500K	2350	112 lm/W			
			4000K	2400	114 lm/W			
			5000K	2400	114 lm/W			
		18.5W	2700K	1950	105 lm/W			
			3000K	2000	108 lm/W			
			3500K	2150	116 lm/W			
			4000K	2200	119 lm/W			
			5000K	2200	119 lm/W			
		13W	2700K	1450	112 lm/W			
			3000K	1500	115 lm/W			
			3500K	1550	119 lm/W			
			4000K	1600	123 lm/W			
			5000K	1600	123 lm/W			
		9.5W	2700K	1050	111 lm/W			
			3000K	1100	116 lm/W			
			3500K	1150	121 lm/W			
			4000K	1200	126 lm/W			
			5000K	1225	126 lm/W			

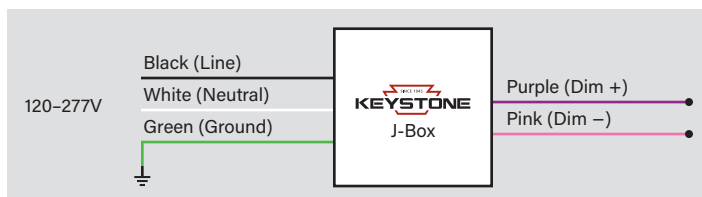
KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

PERFORMANCE SPECIFICATIONS DETAILED (continued)

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED13PS-4A-9CSF-CDIM	4"	13W	2700K	1250	96 lm/W	120-277V	0-10V, Phase Dimming	>90
			3000K	1300	100 lm/W			
			3500K	1400	108 lm/W			
			4000K	1450	112 lm/W			
			5000K	1450	112 lm/W			
		10W	2700K	1100	110 lm/W			
			3000K	1100	110 lm/W			
			3500K	1150	115 lm/W			
			4000K	1250	125 lm/W			
			5000K	1250	125 lm/W			
		9W	2700K	950	106 lm/W			
			3000K	1000	111 lm/W			
			3500K	1050	117 lm/W			
			4000K	1100	122 lm/W			
			5000K	1100	122 lm/W			
		7W	2700K	800	114 lm/W			
			3000K	815	116 lm/W			
			3500K	850	118 lm/W			
			4000K	900	121 lm/W			
			5000K	900	121 lm/W			
		5.5W	2700K	650	109 lm/W			
			3000K	700	114 lm/W			
			3500K	700	115 lm/W			
			4000K	750	118 lm/W			
			5000K	750	118 lm/W			

WIRING DIAGRAM



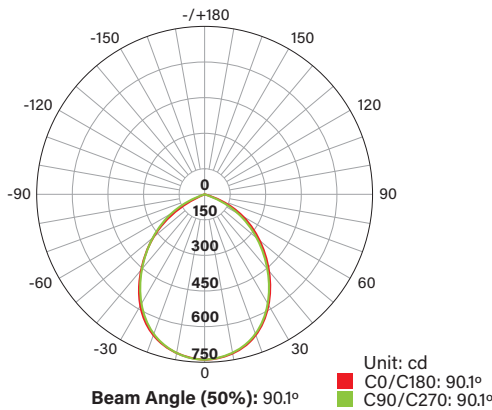
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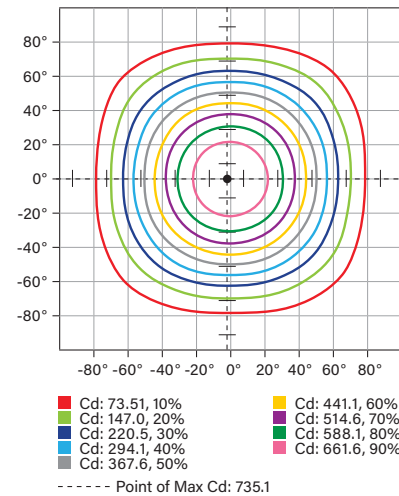
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KT-RDLED13PS-4A-9CSF-CDIM

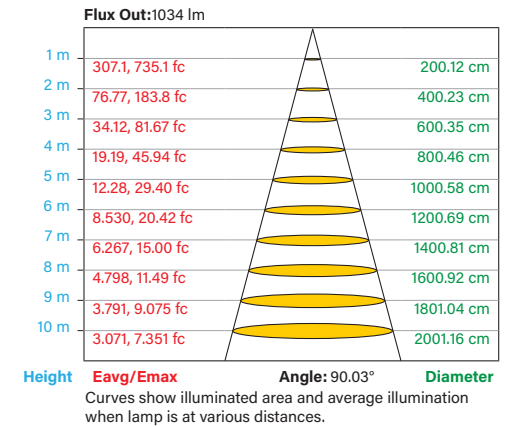
POLAR CANDELA DISTRIBUTION



ISOCANDELA PLOT

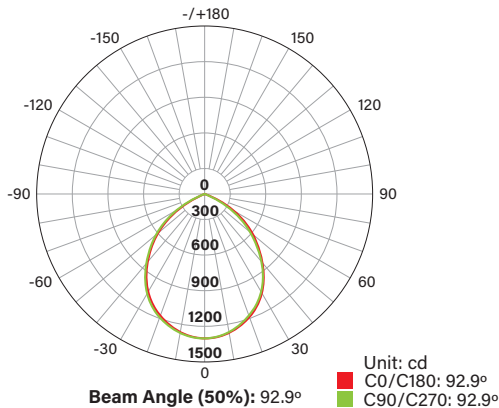


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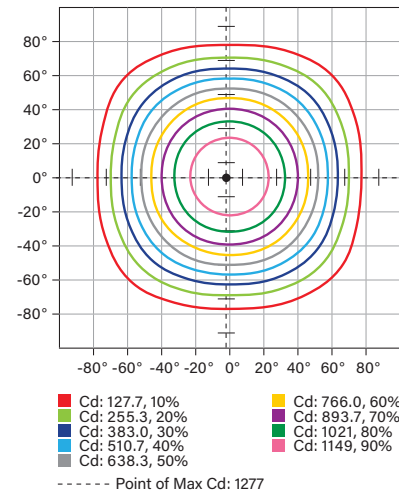


PHOTOMETRIC SPECIFICATIONS (KT-RDLED24PS-6A-9CSF-CDIM)

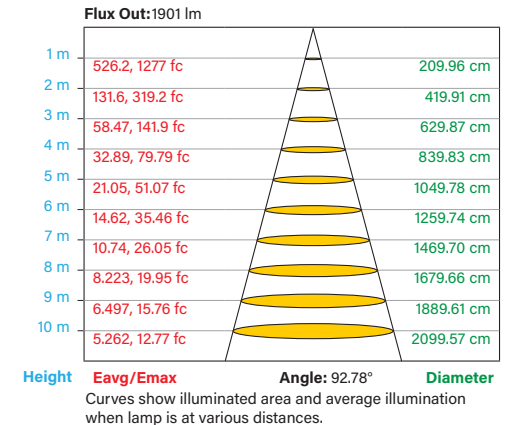
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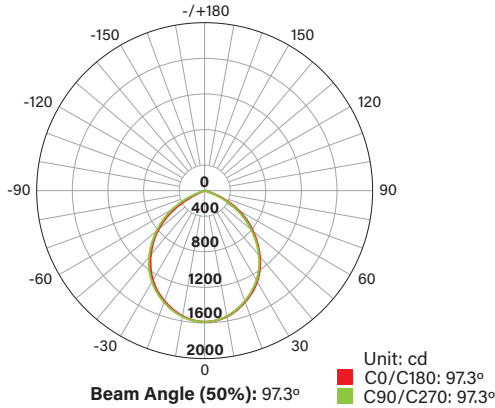


KT-RDLEDXXPS-XA-9CSF-CDIM

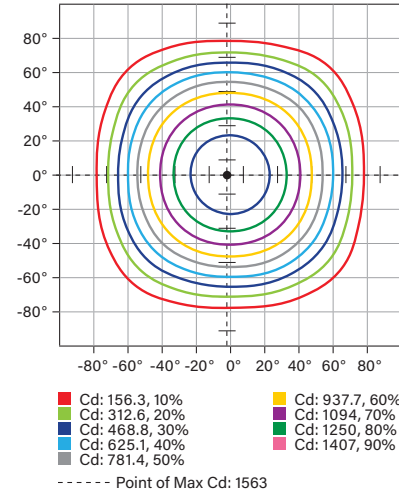
LED COMMERCIAL DOWNLIGHT

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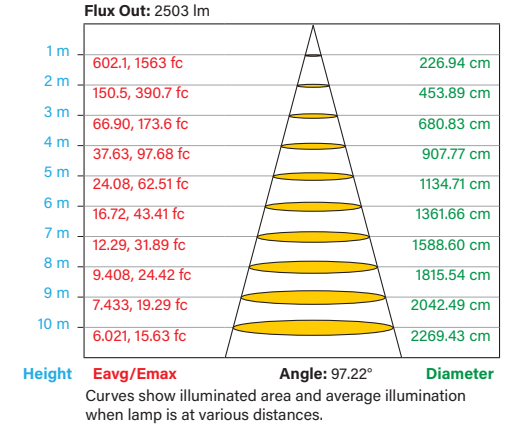
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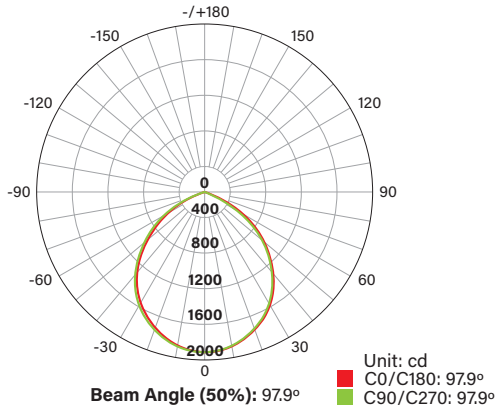


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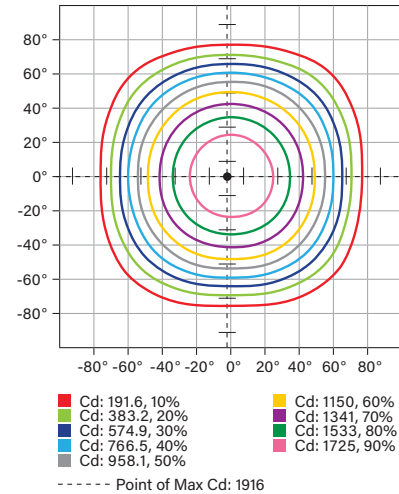


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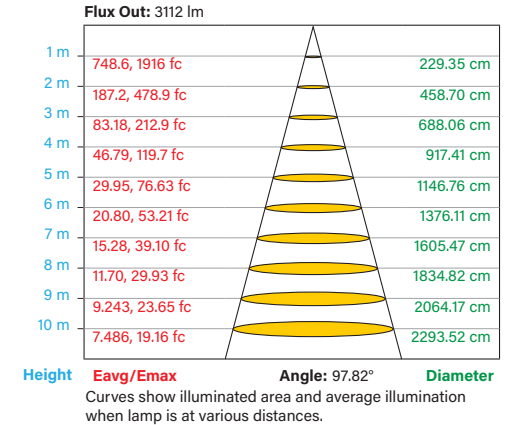
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ISOCANDELA PLOT



LUX DISTANCE CURVE

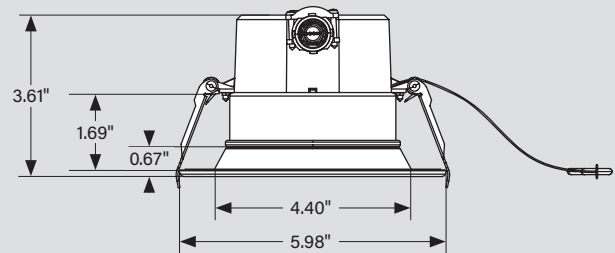
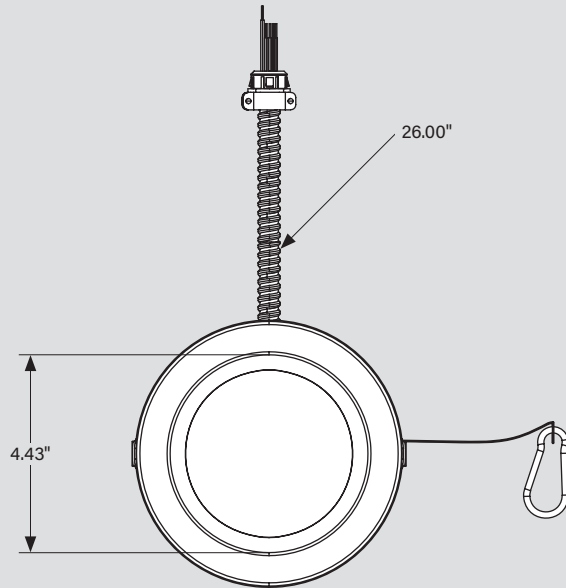


KT-RDLEDXXPS-XA-9CSF-CDIM

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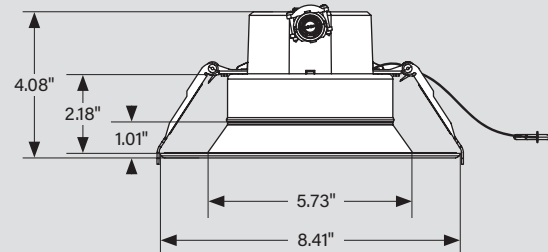
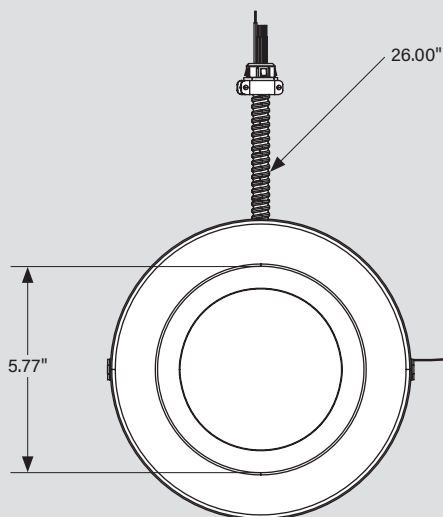
PHYSICAL SPECIFICATIONS

KT-RDLED13PS-4A-9CSF-CDIM



Catalog Number	Cut-Out (Min to Max)
KT-RDLED13PS-4A-9CSF-CDIM	Ø 4.52" to Ø 5.67"

KT-RDLED24PS-6A-9CSF-CDIM



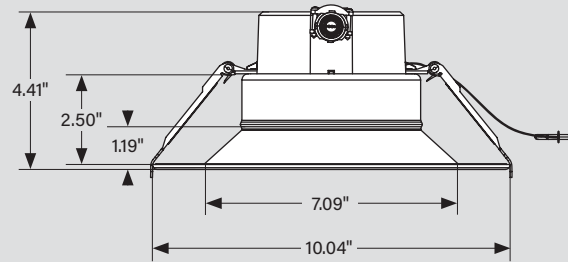
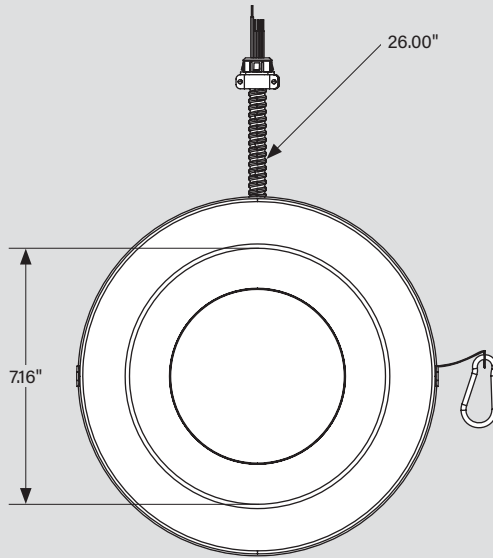
Catalog Number	Cut-Out (Min to Max)
KT-RDLED24PS-6A-9CSF-CDIM	Ø 5.89" to Ø 8.10"

KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

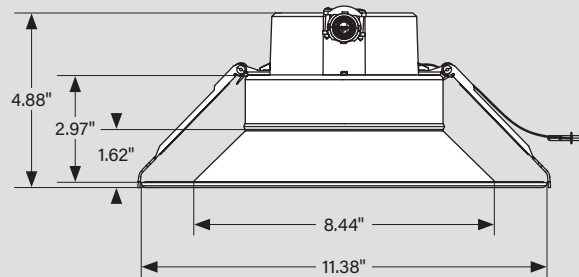
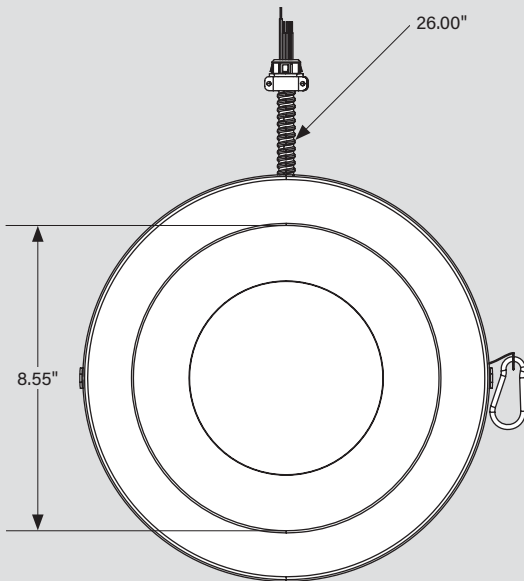
PHYSICAL SPECIFICATIONS (CONTINUED)

KT-RDLED30PS-8A-9CSF-CDIM



Catalog Number	Cut-Out (Min to Max)
KT-RDLED30PS-8A-9CSF-CDIM	Ø 7.09" to Ø 9.72"

KT-RDLED38PS-10A-9CSF-CDIM



Catalog Number	Cut-Out (Min to Max)
KT-RDLED38PS-10A-9CSF-CDIM	Ø 8.47" to Ø 10.98"

KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

INTERCHANGEABLE TRIM

Catalog Number	Description	UPC	Easy Code
KT-RDLED-6A-MB-TRIM	6" Interchangeable trim for 6" recessed downlights; Matte black	843654137155	TCP-85
KT-RDLED-6A-BN-TRIM	6" Interchangeable trim for 6" recessed downlights; Brushed nickel	843654137186	CZZ-70
KT-RDLED-6A-BR-TRIM	6" Interchangeable trim for 6" recessed downlights; Bronze	843654137216	CUN-05
KT-RDLED-8A-MB-TRIM	8" Interchangeable trim for 8" recessed downlights; Matte black	843654137162	XEY-99
KT-RDLED-8A-BN-TRIM	8" Interchangeable trim for 8" recessed downlights; Brushed nickel	843654137193	VKJ-61
KT-RDLED-8A-BR-TRIM	8" Interchangeable trim for 8" recessed downlights; Bronze	843654137223	MSA-34
KT-RDLED-10A-MB-TRIM	10" Interchangeable trim for 10" recessed downlights; Matte black	843654137179	HWB-59
KT-RDLED-10A-BN-TRIM	10" Interchangeable trim for 10" recessed downlights; Brushed nickel	843654137209	NLB-18
KT-RDLED-10A-BR-TRIM	10" Interchangeable trim for 10" recessed downlights; Bronze	843654137230	KSN-09



GOOF RING

Catalog Number	Description	UPC	Easy Code
KT-RDLED-6A-GOOF	6" Goof ring for 6" recessed downlights; 10.51" outer diameter	843654137247	LFJ-16
KT-RDLED-8A-GOOF	8" Goof ring for 8" recessed downlights; 12.51" outer diameter	843654137254	UDK-67
KT-RDLED-10A-GOOF	10" Goof ring for 10" recessed downlights; 14.17" outer diameter	843654137261	XHZ-21



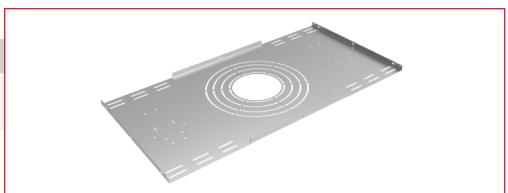
JUNCTION BOX

Catalog Number	Description	UPC	Easy Code
KT-RDLED-JBOX-1-KIT	Junction box for recessed downlights	843654137278	HJA-70



NEW-CONSTRUCTION PLATE

Catalog Number	Description	UPC	Easy Code
KT-RDLED-PLATE-1	New-construction plate for recessed downlights	843654137285	BMS-81



KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY	UPC	EASY CODE
KT-RDLED13PS-4A-9CSF-CDIM	1	843654168852	QWE-95
KT-RDLED24PS-6A-9CSF-CDIM	1	843654168869	QAS-24
KT-RDLED30PS-8A-9CSF-CDIM	1	843654168876	GJA-60
KT-RDLED38PS-10A-9CSF-CDIM	1	843654168883	ADT-41

CATALOG NUMBER BREAKDOWN

KT-RDLEDXXPS-XA-9CSF-CDIM

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 Recessed Downlight LED Fixture
- 3 Wattage
- 4 Power Select
- 5 Nominal Size
- 6 Style
- 7 90 CRI
- 8 Color Select
- 9 Color Select Designation
- 10 0-10V Dimming

3 Wattage

13	13W
24	24W
30	30W
38	38W

5 Nominal Size

4	4"
6	6"
8	8"
10	10"

9 Color Select Designation

F	2700K, 3000K, 3500K, 4000K, 5000K
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10 Dimming

CDIM	Combination Dimming
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