



WINNEBAGO COUNTY

— ILLINOIS —

County Administration Building
404 Elm Street
Rockford, Illinois 61101

Purchasing Department
Phone: 815-319-4380
Fax: 815-319-4381

May 15, 2025

ADDENDUM ONE

CAN LIGHTS UPGRADES FOR CRIMINAL JUSTICE CENTER

INVITATION FOR BID #25B-2402

All bid requirements and information have can be found at www.wincoil.gov/purchasing

1. Please see updated scope of work attached. Specifications of light fixtures has changed. Especially the sizes and amounts needed.
2. The current manufacture is Lithonia Light. See photos 1, 2 and 3 attached for more information.
3. Please see fixture spec sheet. Anything comparable with reasonable costs associations.
4. Normal work hours. You may begin early or stay late, but no over time will be paid. All work will be scheduled with facilities.
5. Is emergency or battery backup lighting required in any of the replaced can lights? **NO**
6. Are photometric layouts or lighting calculations required for submission or approval? **NO**
7. Will the County require mock-up samples or pre-approval of proposed fixtures before full installation? **YES**

8. **Dimming Capability?** The RFP specifies wattage, lumens, voltage, and color temperature for the new fixtures but does not mention whether the fixtures should be dimmable?

The updated Scope includes dimmable fixtures. There are 10 120vac dimmable fixtures, 6 in the sheriff's conference room and 4 in the probation conference room that was turned into an office.

9. **DLC Listing Requirement (Standard or Premium).** Does the new fixture need to meet a dlc requirement? **NO**
10. **Is a bond required?** **NO**

LED upgrade can lights at Criminal Justice Center

DETAILED SPECIFICATIONS

These detailed specifications are as accurate as possible. It will be the bidder's sole responsibility to be all inclusive with labor, material and equipment necessary to upgrade 619 existing can lights to LED.

I. DESCRIPTION AND IMPROVEMENTS

A. Specifications of existing

- a. 157 two lamp can lights
 - i. 6-inch round
 - ii. 277VAC
 - iii. Ballast driven CFL's
 - iv.
- b. 10 single lamp can lights
 - i. 6-inch round
 - ii. 120VAC
 - iii. Dimmable
 - iv.
- c. 351 two lamp can lights
 - i. 8-inch round
 - ii. 277VAC
 - iii. Ballast driven CFL's
 - iv.
- d. 101 two lamp can lights
 - i. 10-inch round
 - ii. 277VAC
 - iii. Ballast driven CFL's
 - iv.

B. Specifications of new

- a. 157 New 6-inch round LED fixtures
 - i. Suitable for line voltage 100-277VAC
 - ii. Lumens output per fixture 2,750
 - iii. Watts 24
 - iv. Color: 4,000K
- b. 10 New 6-inch round LED fixtures
 - i. Suitable for line voltage 100-277VAC
 - ii. Lumens output per fixture 2,750
 - iii. Watts 24
 - iv. Color: 4,000K
 - v. Dimmable
- c. 351 New 8-inch round LED fixtures
 - i. Suitable for line voltage 100-277VAC
 - ii. Lumens output per fixture 3,350
 - iii. Watts 30

- iv. Color: 4,000K
 - d. 101 New 10-inch round LED fixtures
 - i. Suitable for line voltage 100-277VAC
 - ii. Lumens output per fixture 4,150
 - iii. Watts 38
 - iv. Color: 4,000K
 - e. Replace 1 current fixture with 1 new fixture
- C. These specifications include the requirements for the removal and replacement of lights
 - a. One new fixture for one removed
 - b. Remove and dispose of existing fixtures
 - c. New fixtures go back where old fixtures were removed
 - d. LOTO procedures must be followed
 - e. Anything else pertaining to this project that is deficient or required for safe operation

II. TESTS

- A. At completion of installation and before final acceptance, contractor shall perform all tests and inspections required for certification.
- B. Successful Bidder shall obtain required permits and schedule tests with the appropriate authority.

III MATERIALS

- A. All fabricated components and material installed shall comply with current local code requirements and items covered in this section if requirements exceed the minimum standard.
- B. Materials shall be manufacturer's standard design and comply with all duty requirements.

IV. ELECTRICAL

All electrical wiring runs shall contain ten percent (10%) spares and comply with National Electrical Code NFPA 70 requirements.

V. PLUMBING

All plumbing must comply with current local plumbing codes.

VI. INSPECTION

- A. Field verify all requirements for work specified in this section including, but not limited to, the following:
 - a. Site dimensions
 - b. Unit sizes
 - c. Minimum clearances
 - d. Any dimensions or information that are required to furnish and install all items specified.
 - e. Quantity
- B. Given specifications may not be exact it is the bidders responsibility to verify.

VII. FIELD QUALITY CONTROL

- A. Field inspection and testing will be performed in accordance with current local code.
- B. Supply instruments and execute required tests.

VIII. CLEANING

- A. Remove protective coverings from finished surfaces and components ready for inspection.
- B. Contractor shall maintain a clean work space each day at the end of the work day.
- C. Dispose of all removed materials within the guidelines of the EPA.
- D. Include costs for dumpsters, off haul, and disposal of all existing material.

IX. TRAINING

- A. Supply owner training for proper use and maintenance of all new equipment.
- B. Provide owner with operation and service manuals for all new installed equipment.

X. WINNEBAGO COUNTY WILL:

- A. Provide, without charge, adequate power for tools during construction, starting, testing, and adjusting of equipment.

XI. WORK HOURS

- A. All work to be performed during “normal work hours.” Overtime will not be approved for this job.
- B. Once work begins the successful bidder has 2 weeks to complete the project.
- C. This work must be complete by September 30th.

XII. MISCELANIOUS

- A. All permits are the responsibility of the bidder to obtain and pay for.
- B. All necessary crane lifts are the responsibility of the successful bidder to preform and pay for.
- C. Removal and disposal are the responsibility of the bidder.
- D. Must use Com Ed discount program.
- E. At close of project a cut sheet and warranty information on all products installed shall be sent to facilities.
- F. Lock out tag out procedures must be followed.

Bids must be all inclusive, if subcontractors are required it is the responsibility of the successful bidder to obtain, coordinate, and compensate them. Subcontractors are to be listed on Bid Subcontractor Form.



Photo #1

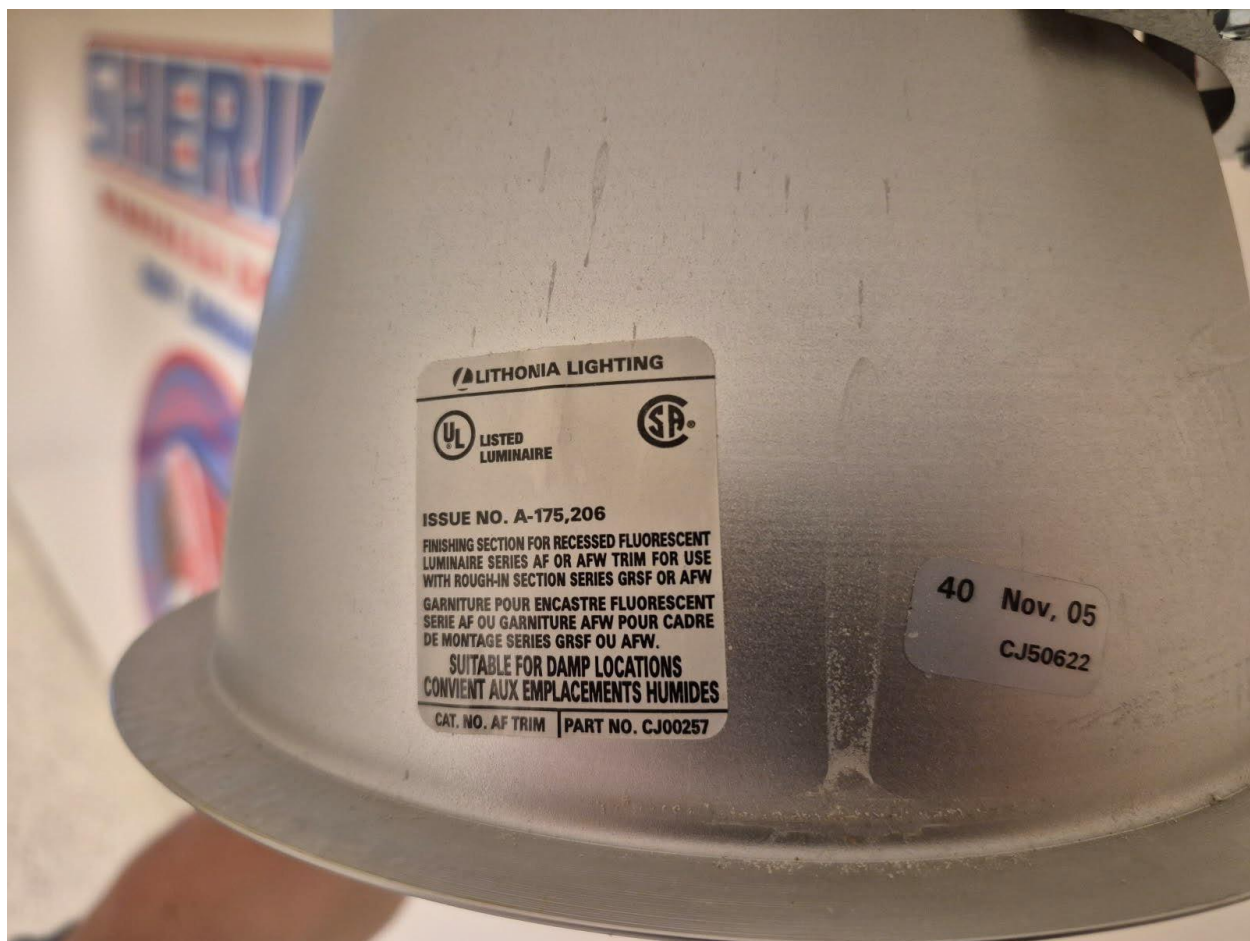


Photo #2

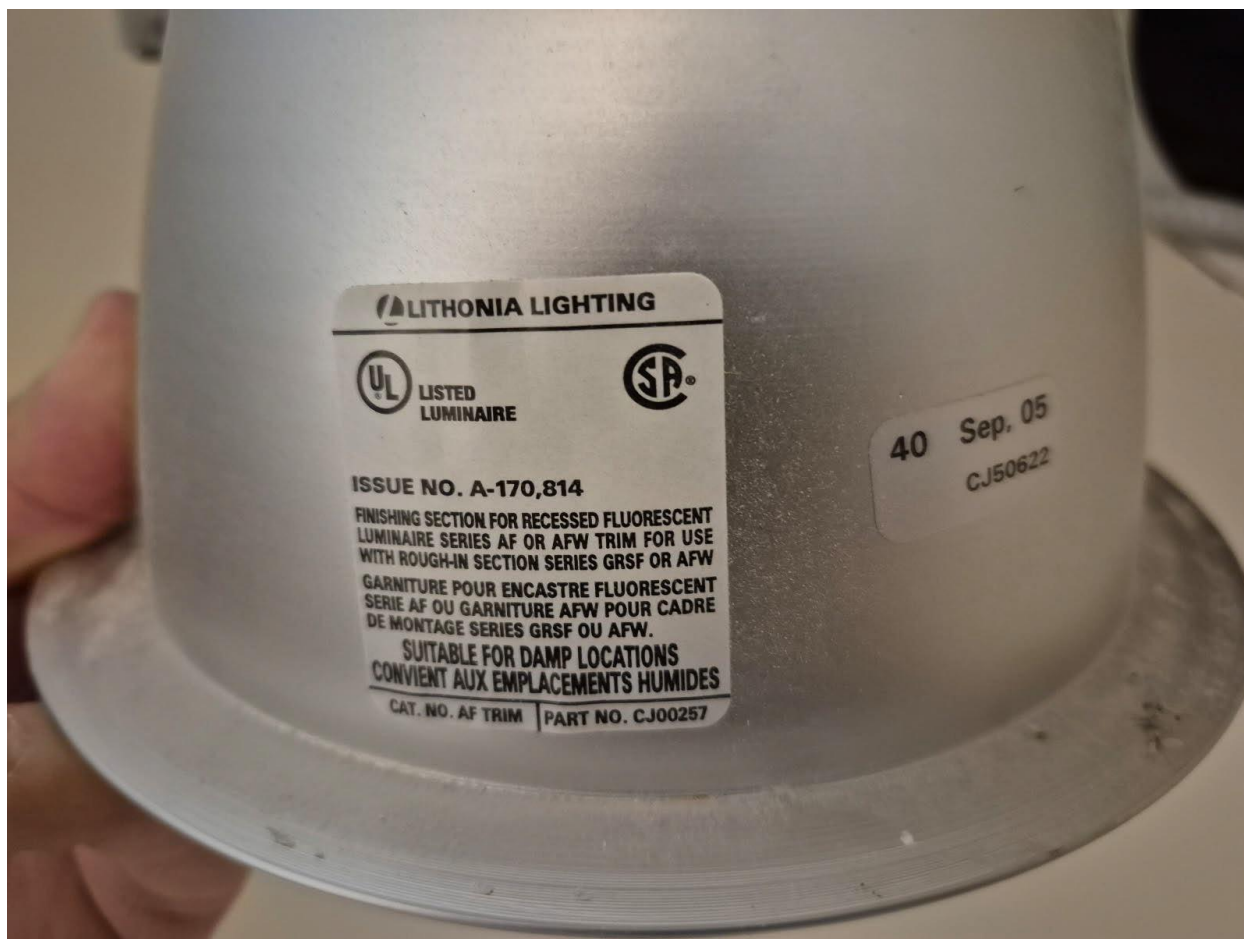


Photo #3

KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

DESCRIPTION

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

APPLICATION

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



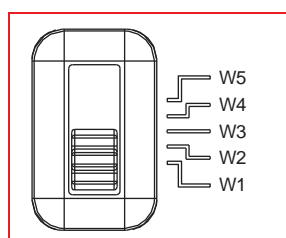
10 YEAR
LIMITED WARRANTY



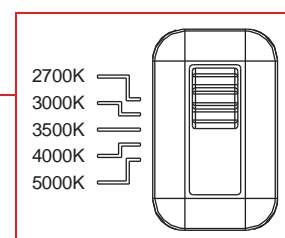
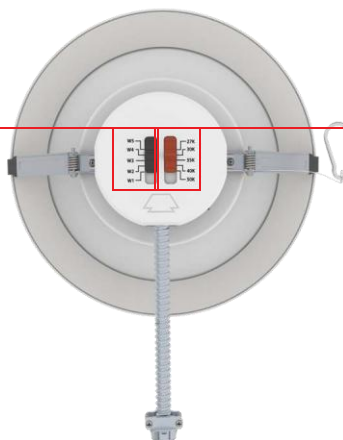
PRODUCT FEATURES

- 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

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



**POWER SELECT
ADJUSTMENT SWITCH**



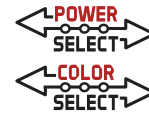
**COLOR SELECT
ADJUSTMENT SWITCH**

PRODUCT SPECIFICATIONS

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Max Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED38PS-10A-9CSF-CDIM	10 inch	38W / 32W / 28W / 24W / 20W	2700K 3000K 3500K 4000K 5000K	4150	109 lm/W	120-277V	0-10V, Phase Dimming	> 90
KT-RDLED30PS-8A-9CSF-CDIM	8 inch	30W / 27W / 23W / 20W / 16W		3350	112 lm/W			
KT-RDLED24PS-6A-9CSF-CDIM	6 inch	24W / 21W / 18.5W / 13W / 9.5W		2750	115 lm/W			
KT-RDLED13PS-4A-9CSF-CDIM	4 inch	13W / 10W / 9W / 7W / 5.5W		1450	112 lm/W			

* Preset to highest Wattage and CCT: 5000K

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



KT-RDLEDXXPS-XA-9CSF-CDIM

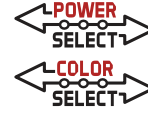
LED COMMERCIAL DOWNLIGHT

PERFORMANCE SPECIFICATIONS

Catalog Number	Nominal Size	Wattage (Selectable)	CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED38PS-10A-9CSF-CDIM	10 inch	38W	2700K	3850	101 lm/W	120-277V	0-10V, Phase Dimming	> 90
			3000K	4000	105 lm/W			
			3500K	4100	108 lm/W			
			4000K	4150	109 lm/W			
			5000K	4150	109 lm/W			
		32W	2700K	3300	103 lm/W			
			3000K	3450	108 lm/W			
			3500K	3550	111 lm/W			
			4000K	3600	113 lm/W			
			5000K	3600	113 lm/W			
		28W	2700K	3000	107 lm/W			
			3000K	3100	111 lm/W			
			3500K	3150	113 lm/W			
			4000K	3200	114 lm/W			
			5000K	3200	114 lm/W			
		24W	2700K	2600	108 lm/W			
			3000K	2700	113 lm/W			
			3500K	2800	117 lm/W			
			4000K	2850	119 lm/W			
			5000K	2850	119 lm/W			
		20W	2700K	2300	115 lm/W			
			3000K	2400	120 lm/W			
			3500K	2500	125 lm/W			
			4000K	2550	128 lm/W			
			5000K	2550	128 lm/W			

* Preset to highest CCT: 5000K

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



KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

PERFORMANCE SPECIFICATIONS (CONTINUED)

Catalog Number	Nominal Size	Wattage (Selectable)	CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED30PS-8A-9CSF-CDIM	8 inch	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			

* Preset to highest CCT: 5000K

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



KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

PERFORMANCE SPECIFICATIONS (CONTINUED)

Catalog Number	Nominal Size	Wattage (Selectable)	CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED24PS-6A-9CSF-CDIM	6 inch	24W	2700K	2450	102 lm/W	120-277V	0-10V, Phase Dimming	> 90
			3000K	2600	108 lm/W			
			3500K	2700	113 lm/W			
			4000K	2750	115 lm/W			
			5000K	2750	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	1200	126 lm/W			

* Preset to highest CCT: 5000K

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

KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

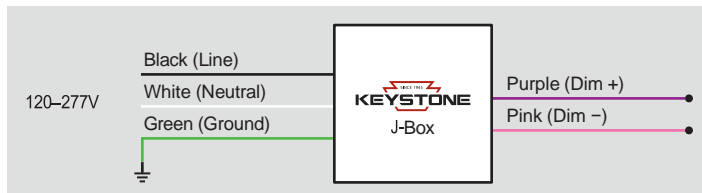
PERFORMANCE SPECIFICATIONS (CONTINUED)

Catalog Number	Nominal Size	Wattage (Selectable)	CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-RDLED13PS-4A-9CSF-CDIM	4 inch	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	1050	105 lm/W			
			3000K	1100	110 lm/W			
			3500K	1150	115 lm/W			
			4000K	1200	120 lm/W			
			5000K	1200	120 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	825	118 lm/W			
			4000K	850	121 lm/W			
			5000K	850	121 lm/W			
		5.5W	2700K	600	109 lm/W			
			3000K	625	114 lm/W			
			3500K	635	115 lm/W			
			4000K	650	118 lm/W			
			5000K	650	118 lm/W			

* Preset to highest CCT: 5000K

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

WIRING DIAGRAM



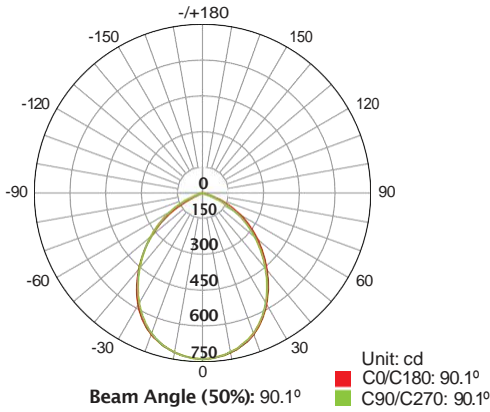
KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

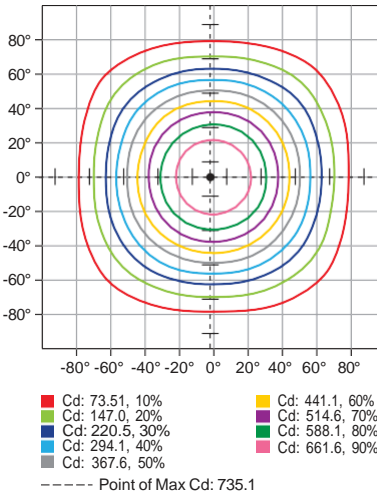
PHOTOMETRIC SPECIFICATIONS

KT-RDLED13PS-4A-9CSF-CDIM

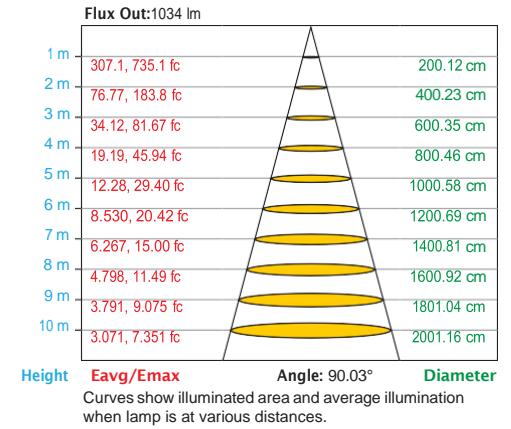
POLAR CANDELA DISTRIBUTION



ISOCANDELA PLOT

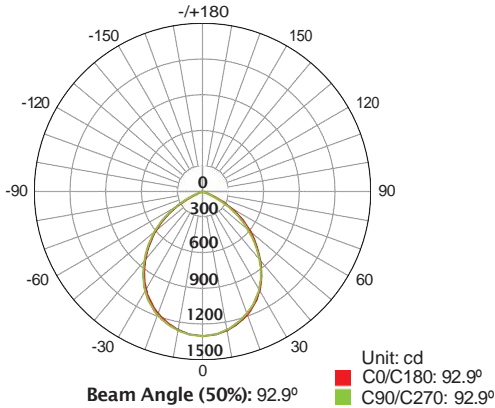


LUX DISTANCE CURVE

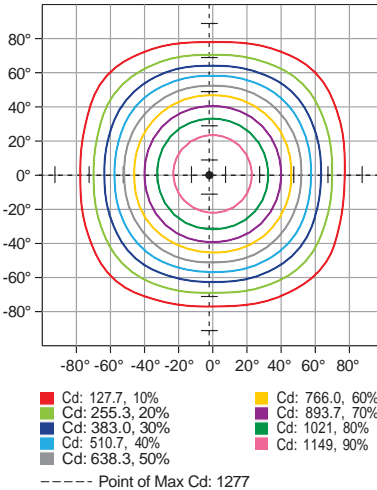


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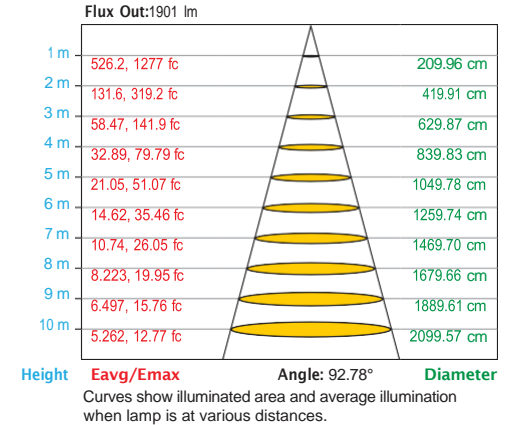
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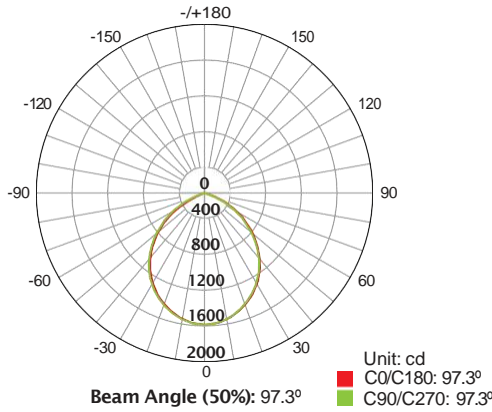
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LED COMMERCIAL DOWNLIGHT

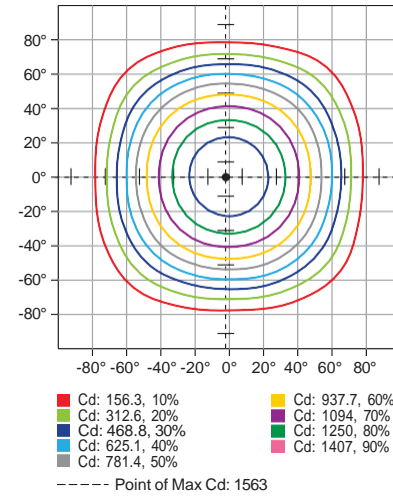
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

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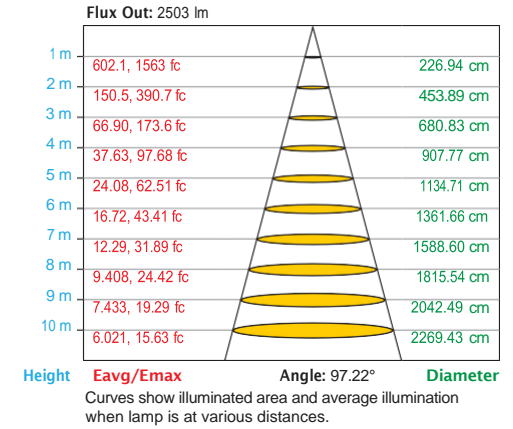
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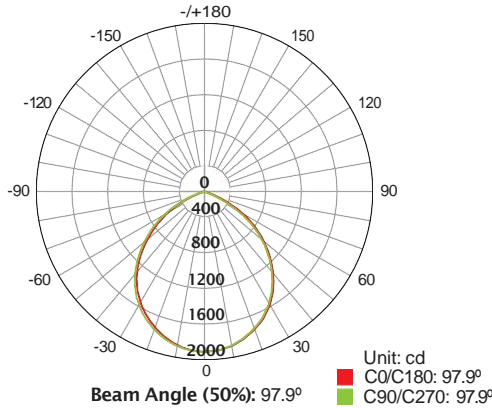


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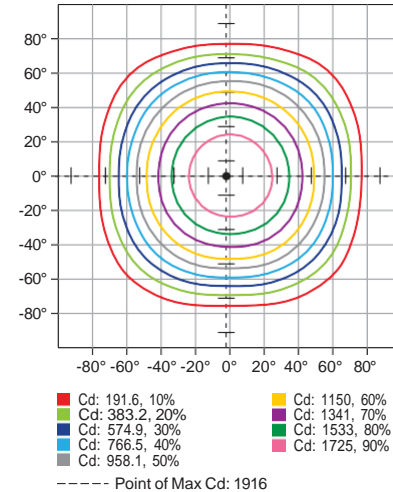


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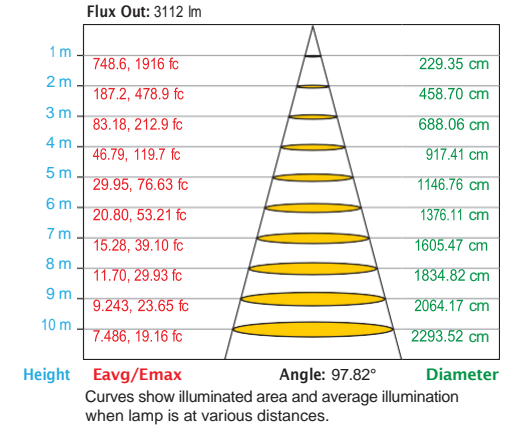
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ISOCANDELA PLOT



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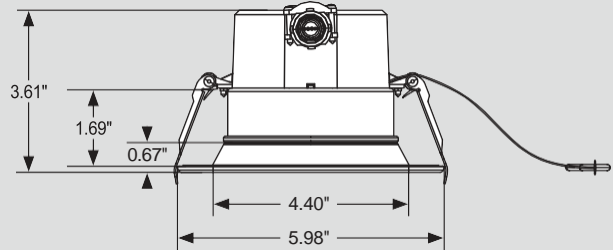
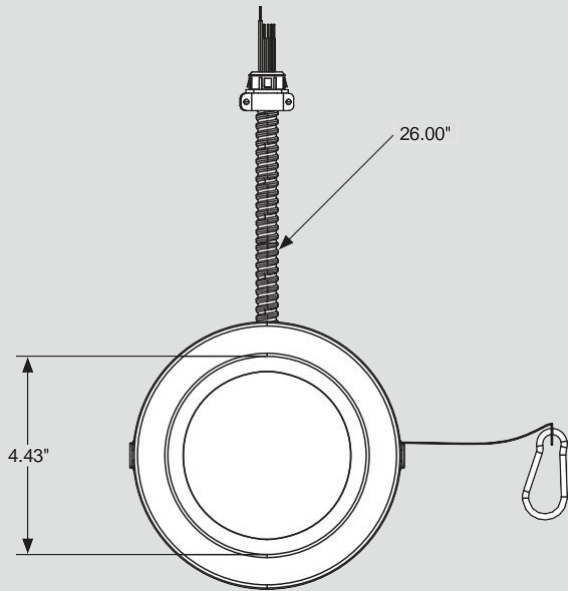


KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

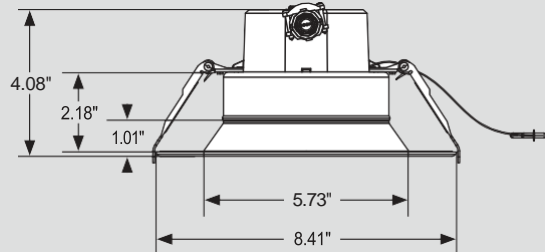
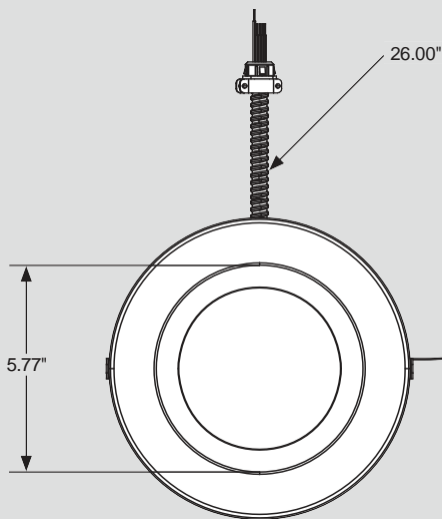
PHYSICAL SPECIFICATIONS

KT-RDLED13PS-4A-9CSF-CDIM



Catalog Number	Cut-Out (Min to Max)
KT-RDLED13PS-4A-9CSF-CDIM	Ø 4.13" to Ø 4.41"

KT-RDLED24PS-6A-9CSF-CDIM



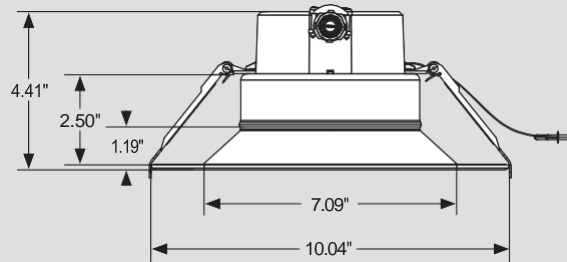
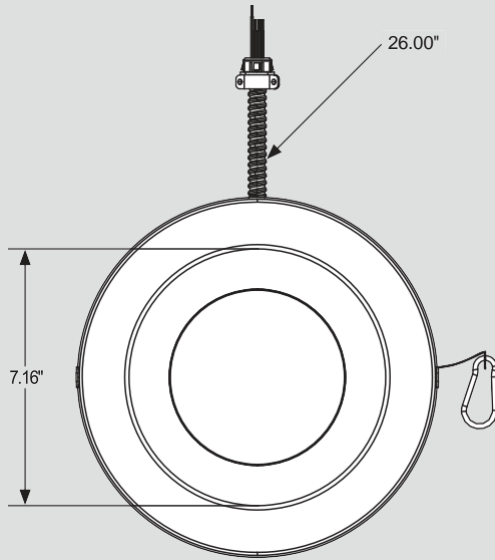
Catalog Number	Cut-Out (Min to Max)
KT-RDLED24PS-6A-9CSF-CDIM	Ø 4.13" to Ø 4.41"

KT-RDLEDXXPS-XA-9CSF-CDIM

LED COMMERCIAL DOWNLIGHT

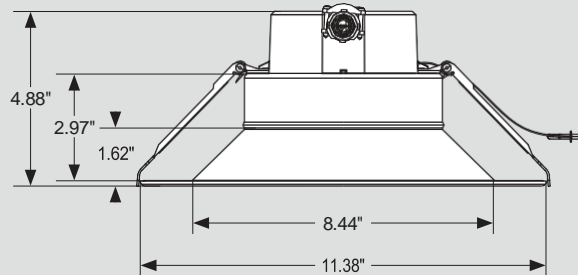
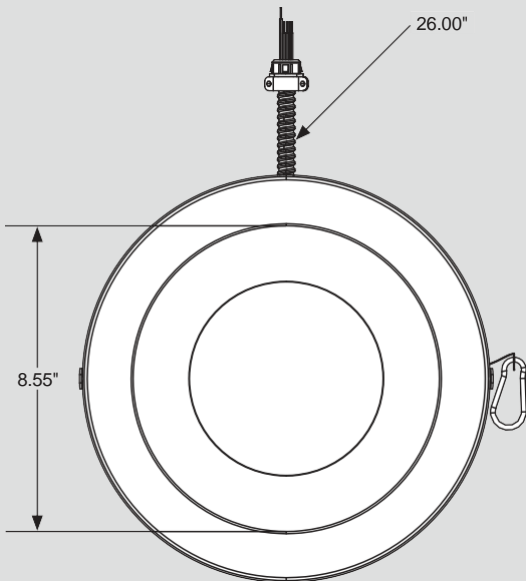
PHYSICAL SPECIFICATIONS (CONTINUED)

KT-RDLED30PS-8A-9CSF-CDIM



Catalog Number	Cut-Out (Min to Max)
KT-RDLED30PS-8A-9CSF-CDIM	Ø 4.13" to Ø 4.41"

KT-RDLED38PS-10A-9CSF-CDIM



Catalog Number	Cut-Out (Min to Max)
KT-RDLED38PS-10A-9CSF-CDIM	Ø 4.13" to Ø 4.41"

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



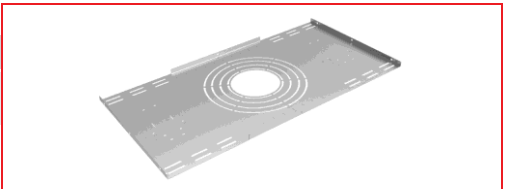
JUNCTION BOX

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	Pack 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	11
1 Keystone Technologies	2 Recessed Downlight	3 LED Technology	4 Wattage	5 Power Select	6 Size	7 Style	8 CRI			
					4 4"	A Series A	9 90			
					6 6"					
					8 8"					
					10 10"					
					10 Color Select Designation		11 Dimming			
					F 2700K, 3000K, 3500K, 4000K, 5000K		CDIM Combination Dimming			