

ROUND LED HIGH BAY FIXTURE



Round High Bay Fixture, Wattage Adjustable, CCT Adjustable,
120-277V Input, 90 deg lens, 0-10V Dimming,
Built-in sensor receptacle, Standard black housing, J-Hook Included

PRODUCT FEATURES

- Wattage Adjustable. (see Performance Specifications for details)
- CCT Adjustable. Adjust CCT between 3000K, 4000K, or 5000K
- Sensor Receptacle designed to accept easy screw-in installation of optional sensors
- Powered by 0-10V dimming LED driver
- J-Hook mounting accessories included
- 6' cord for input and dimming wires
- Powder-coated aluminum housing; Polycarbonate lens
- Ribbed lens to reduce glare
- Low optical flicker
- Built-in 6kV surge protection
- LED lifetime: L70 >100,000 hours @ 25°C fixture ambient
- Ambient operating temperature: -40°C/-40°F to 50°C/122°F
- IP65 rated, wet location



10 YEAR
LIMITED WARRANTY

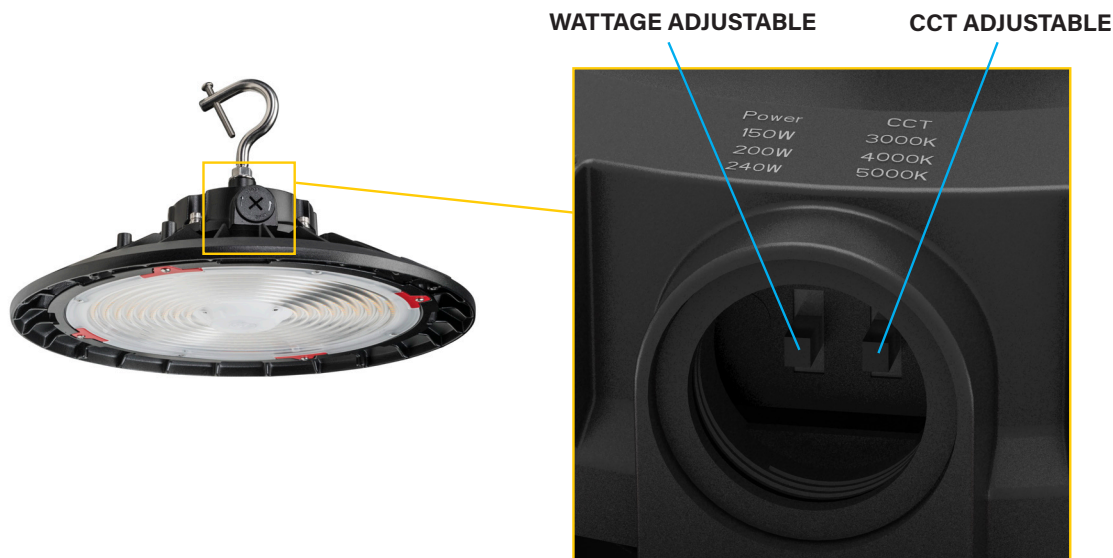
PERFORMANCE SPECIFICATIONS OVERVIEW

Catalog Number	Nominal Size	Wattage Adjustable	CCT Adjustable	Lumens	Efficacy	Input Voltage
1ST-CSRHB-11-100PSCS-U-D0	11" Circular	100/70/50W	3000K 4000K 5000K	15,290	150 lm/W	120-277V
1ST-CSRHB-11-150PSCS-U-D0	11" Circular	150/100/70W		22,490	150 lm/W	
1ST-CSRHB-12-200PSCS-U-D0	12" Circular	200/150/100W		31,640	158 lm/W	
1ST-CSRHB-13-240PSCS-U-D0	13" Circular	240/200/150W		37,010	156 lm/W	

Nominal Values above represent output when set to 5000K, please see page 3 for detailed output numbers

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

WATTAGE ADJUSTABLE AND CCT ADJUSTABLE



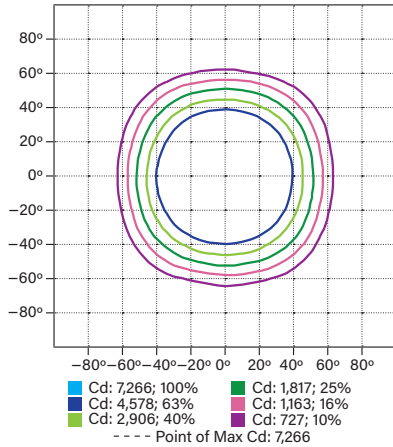
PERFORMANCE SPECIFICATIONS DETAILED

Catalog Number	Nominal Size	Wattage Adjustable	CCT Adjustable	Lumens	Efficacy	Input Voltage	Dimmable	CRI
1ST-CSRHB-11-100PSCS-U-D0	11" Circular	100W	3000K	14,480	140 lm/W	120-277V	0-10V	> 80
			4000K	16,230	164 lm/W			
			5000K	15,290	150 lm/W			
		70W	3000K	10,920	149 lm/W			
			4000K	12,050	169 lm/W			
			5000K	11,680	159 lm/W			
		50W	3000K	7,780	155 lm/W			
			4000K	8,430	171 lm/W			
			5000K	8,330	166 lm/W			
1ST-CSRHB-11-150PSCS-U-D0	11" Circular	150W	3000K	21,290	141 lm/W	120-277V	0-10V	> 80
			4000K	23,580	163 lm/W			
			5000K	22,490	150 lm/W			
		100W	3000K	14,740	154 lm/W			
			4000K	16,090	171 lm/W			
			5000K	15,810	165 lm/W			
		70W	3000K	11,030	159 lm/W			
			4000K	11,910	175 lm/W			
			5000K	11,850	171 lm/W			
1ST-CSRHB-12-200PSCS-U-D0	12" Circular	200W	3000K	29,350	147 lm/W	120-277V	0-10V	> 80
			4000K	32,330	168 lm/W			
			5000K	31,640	158 lm/W			
		150W	3000K	23,440	155 lm/W			
			4000K	25,350	173 lm/W			
			5000K	25,010	166 lm/W			
		100W	3000K	15,710	162 lm/W			
			4000K	16,660	178 lm/W			
			5000K	16,780	174 lm/W			
1ST-CSRHB-13-240PSCS-8CSB-U-D0	13" Circular	240W	3000K	34,330	144 lm/W	120-277V	0-10V	> 80
			4000K	37,920	167 lm/W			
			5000K	37,010	156 lm/W			
		200W	3000K	30,400	148 lm/W			
			4000K	33,520	170 lm/W			
			5000K	32,920	161 lm/W			
		150W	3000K	24,960	155 lm/W			
			4000K	26,950	172 lm/W			
			5000K	26,920	167 lm/W			

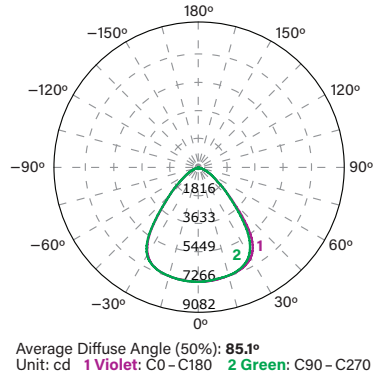
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

PHOTOMETRIC SPECIFICATIONS (1ST-CSRHB-11-100PSPSCS-U-D0)

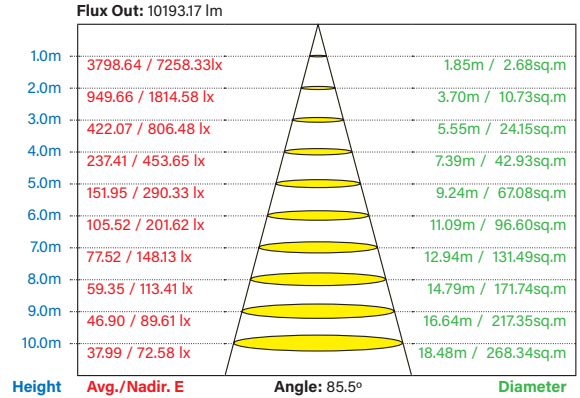
ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

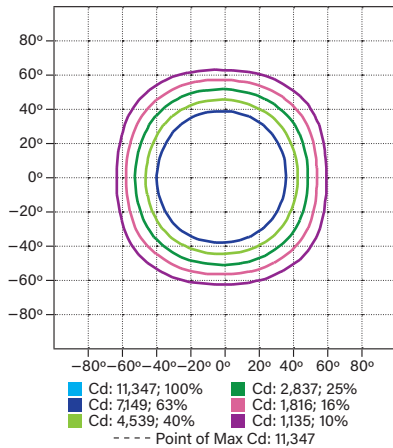


AVERAGE ILLUMINANCE EFFECTIVE FIGURE

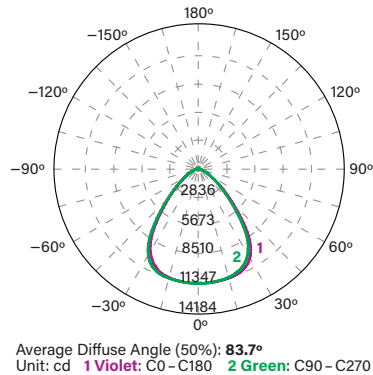


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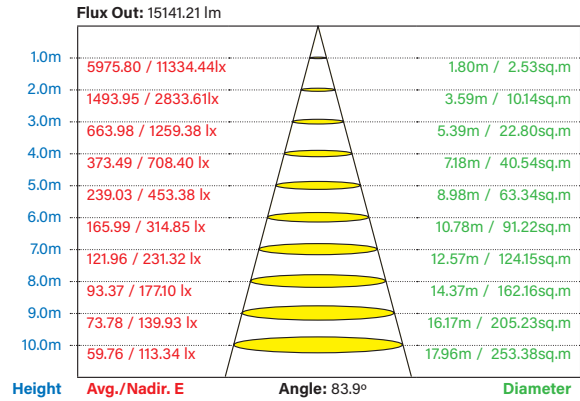
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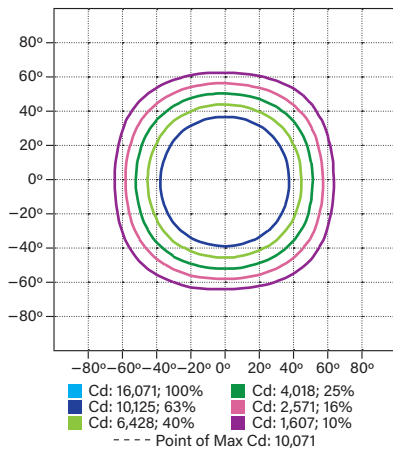


AVERAGE ILLUMINANCE EFFECTIVE FIGURE

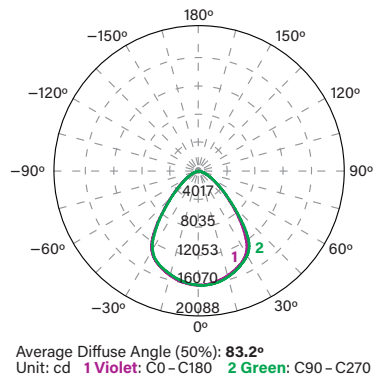


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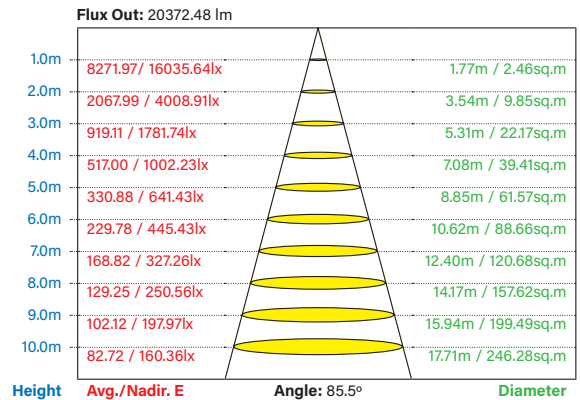
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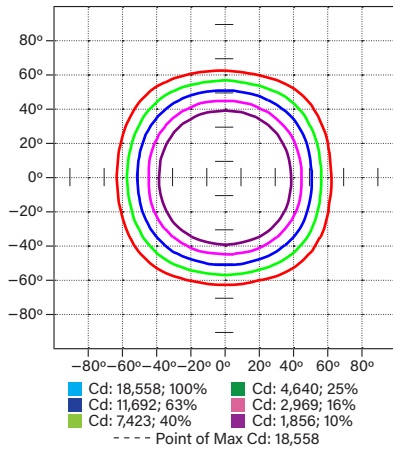


AVERAGE ILLUMINANCE EFFECTIVE FIGURE

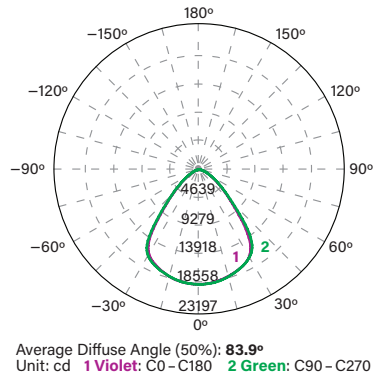


PHOTOMETRIC SPECIFICATIONS (1ST-CSRHB-13-240PSCS-U-D0

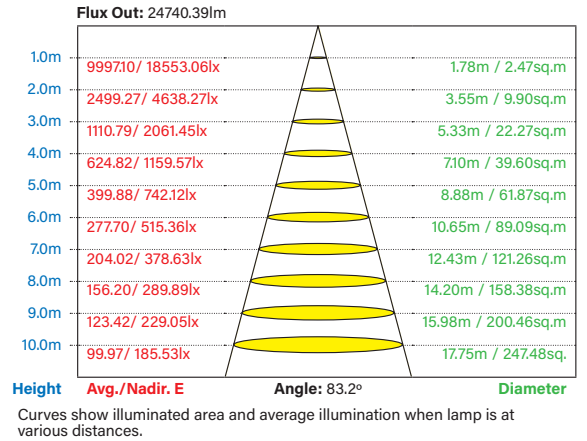
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POLAR CANDELA DISTRIBUTION



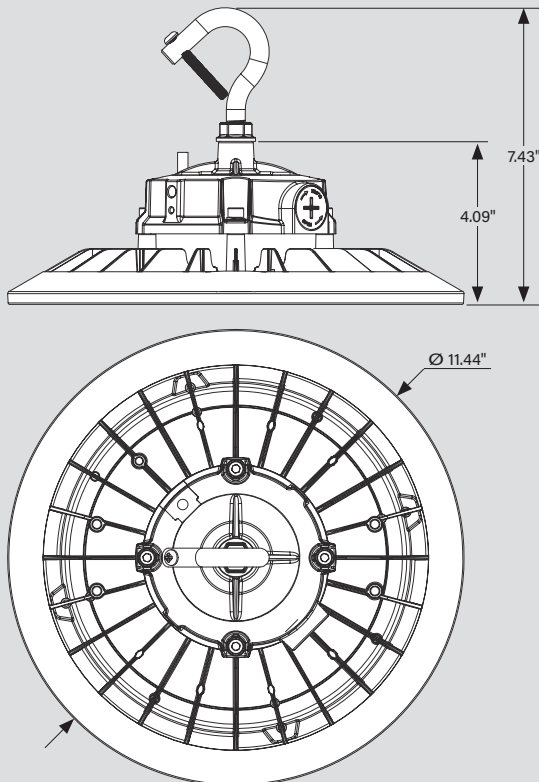
AVERAGE ILLUMINANCE EFFECTIVE FIGURE



PHYSICAL SPECIFICATIONS

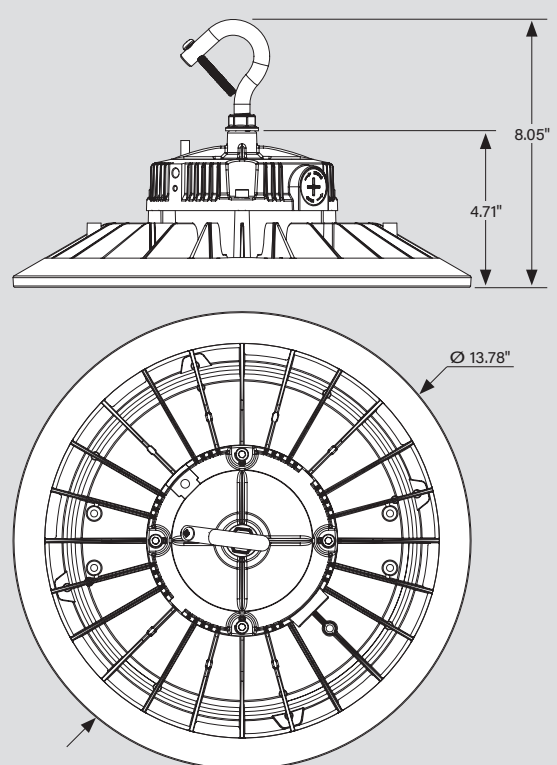
J-HOOK

1ST-CSRHB-11-100PS-8CSB-VDIM /G2
1ST-CSRHB-150PS-8CSB-VDIM /G2



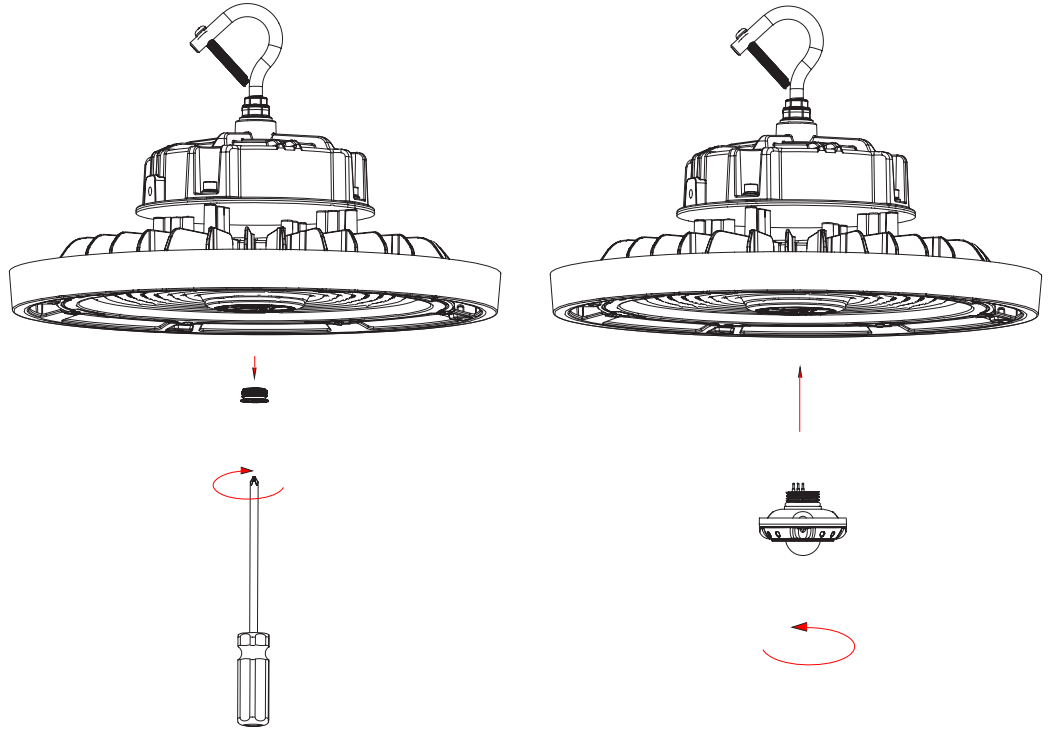
J-HOOK

1ST-CSRHB-12-200PS-8CSB-VDIM /G2
1ST-CSRHB-13-240PS-8CSB-VDIM /G2



QUICK-INSTALL

1. Ensure power is off to the fixture.
2. Remove 1/2" knock-out (KO) plug.
3. Screw in sensor head.
(see illustrations)
4. Re-connect power when ready.
5. Program desired settings as needed with Remote Control.

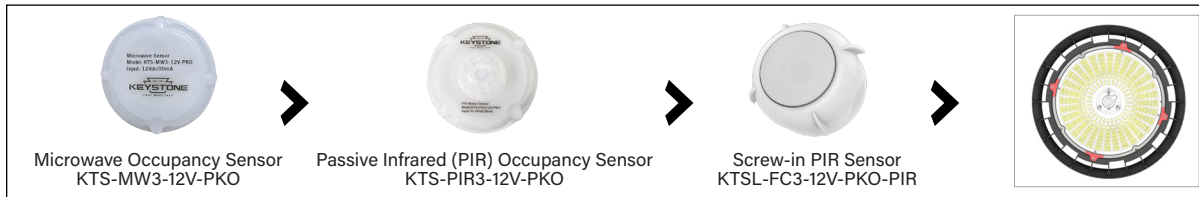


ACCESSORIES

SENSORS/CONTROLLERS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	CATALOG NUMBER	DESCRIPTION
	KTSL-FC3-12V-PKO-PIR	Bluetooth mesh screw-in PIR occupancy sensor with built-in fixture controller for SmartLoop LLLC system
	KTSL-FC4-12V-PKO	Bluetooth mesh screw-in PIR occupancy sensor with built-in fixture controller for SmartLoop LLLC system
	KTS-PIR3-12V-PKO /G2	Screw-in PIR multifunction sensor, preset for 10 min hold time, ∞ min standby time at 50% dim, daylight
	KTS-MW3-12V-PKO	Screw-in microwave multifunction sensor, preset for 10 min hold time, ∞ min standby time at 50% dim, daylight disable



Field-Installable (field-installable purchased separately)

CATALOG NUMBER	DESCRIPTION
KTS-MW3-REMOTECONTROL	Remote control for KTS-MW3-12V-PKO and KTS-PIR3-12V-PKO sensors, used to set and adjust all sensor settings

ACCESSORIES (CONTINUED)

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓		CATALOG NUMBER	DESCRIPTION
		KT-P-L515P	125V NEMA L5-15P twist lock plug
		KT-P-L615P	250V NEMA L6-15P twist lock plug
		KT-P-L715P	277V NEMA L7-15P twist lock plug

EMERGENCY BACKUPS

Factory-Installable OR Field-Installable (field-installable purchased separately)

		CATALOG NUMBER	DESCRIPTION
		KT-EMRG-LED-40SD-5000-CEN /SF	One Piece 40W Constant Wattage Design with Self Diagnostics. Approx 5000 lumens, Single Flex Cable with Included J-Box, 120-277V Input. CEC T20 Compliant.

MOUNTS/BRACKETS

Field-Installable (field-installable purchased separately)

CATALOG NUMBER	DESCRIPTION
KT-RHLED-JBOX-PM /G2	J-Box Optimized for Pole Pendant and Step-Down Transformer Applications.
KT-RHLED-JBOX-PM-W /G2	J-Box Optimized for Pole Pendant and Step-Down Transformer Applications. White.
KT-RHLED-WG-1-KIT /G2	Wire guard kit for for 100W and 150W Color & Power Select G2 Round LED High Bay Fixtures; Includes mounting hardware.
KT-RHLED-WG-2-KIT /G2	Wire guard kit for for 200W and 240W Color & Power Select G2 Round LED High Bay Fixtures; Includes mounting hardware.
KT-RHLED-SM-1-KIT /G2	Surface Mount Kit for 100W and 150W Color & Power Select G2 Round LED High Bay Fixtures. Mounting Hardware Included.
KT-RHLED-SM-1-KIT-W /G2	Surface Mount Kit for 100W and 150W Color & Power Select G2 Round LED High Bay Fixtures. Mounting Hardware Included. White.
KT-RHLED-SM-2-KIT /G2	Surface Mount Kit for 200W and 240W Color & Power Select G2 Round LED High Bay Fixtures. Mounting Hardware Included.
KT-RHLED-SM-2-KIT-W /G2	Surface Mount Kit for 200W and 240W Color & Power Select G2 Round LED High Bay Fixtures. Mounting Hardware Included. White.



(Accessories continued on next page)

ACCESSORIES (CONTINUED)

STEP-DOWN TRANSFORMERS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	CATALOG NUMBER	DESCRIPTION
	KTAT-250-480-277 /SF	Fully enclosed, single flex step-down transformer for LED high bay fixtures (250VA or lower)



Step-Down Transformer
KTAT-250-480-277 /SF



* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

† Factory installation of step-down transformer units will automatically include any relevant mounting bracket.

LENSES/REFLECTORS

Field-Installable / Field-Use ONLY (purchased separately)

✓	CATALOG NUMBER	DESCRIPTION
	KT-RHLED-AR90-1-KIT /G2	Aluminum Dome Reflector for 100W and 150W Color & Power Select G2 Round LED High Bay Fixtures; Includes mounting hardware.
	KT-RHLED-AR90-2-KIT /G2	Aluminum Dome Reflector for 200W and 240W Color & Power Select G2 Round LED High Bay Fixtures; Includes mounting hardware.
	KT-RHLED-CL90-1-KIT /G2	Clear Polycarbonate Reflector for 100W and 150W Color & Power Select G2 Round LED High Bay Fixtures; Includes mounting hardware.
	KT-RHLED-CL90-2-KIT /G2	Clear Polycarbonate Reflector for 200W and 240W Color & Power Select G2 Round LED High Bay Fixtures; Includes mounting hardware.



Aluminum Dome Refelctor
KT-RHLED-AR90-2-KIT /G2



Clear polycarbonate dome refelctor
KT-RHLED-CL90-2-KIT /G2



* Screw in PIR sensors can not be used with KT-RHLED-CL90-2-KIT /G2