



KT-RHLED150-12C-8XX-VDIM-P /G2

ROUND LED HIGH BAY FIXTURE

DESCRIPTION

Compact Round LED High Bay Fixture | Wet Location Rated

APPLICATION

Used for commercial and industrial high bay lighting applications



PRODUCT FEATURES

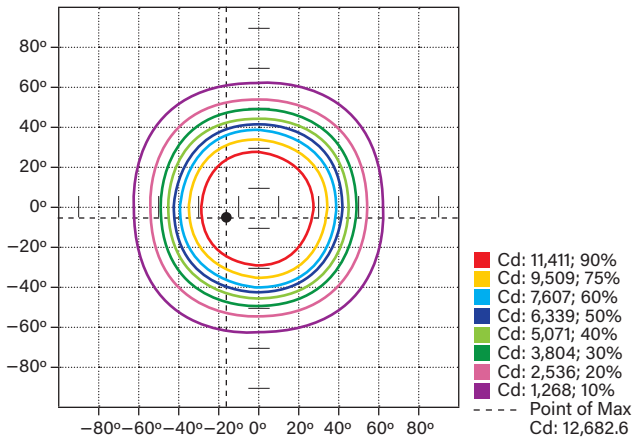
- Designed to accept easy screw-in installation of optional sensors
- Powered by Keystone 0-10V dimming LED driver
- Ring-bolt mounting accessory included
- 6' cord for input and dimming wires
- Powder-coated aluminum housing; Polycarbonate lens
- Ribbed lens to reduce glare
- Low optical flicker
- Built-in 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
- Listed on QPL DLC, Premium

PERFORMANCE SPECIFICATIONS

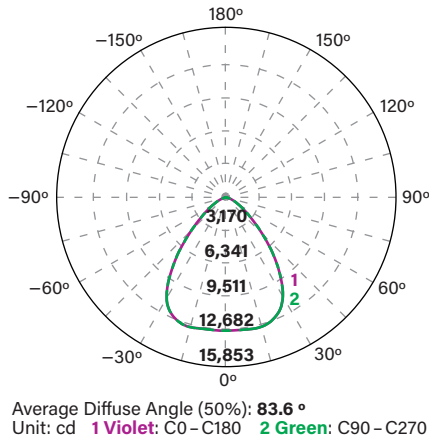
Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	Efficacy	Rated Life	CRI	Power Factor
KT-RHLED150-12C-840-VDIM-P /G2	120-277V	150W	4000K	23,400	156 lm/W	50,000 hrs	> 80	> 0.9
KT-RHLED150-12C-850-VDIM-P /G2			5000K	23,600	157 lm/W			

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



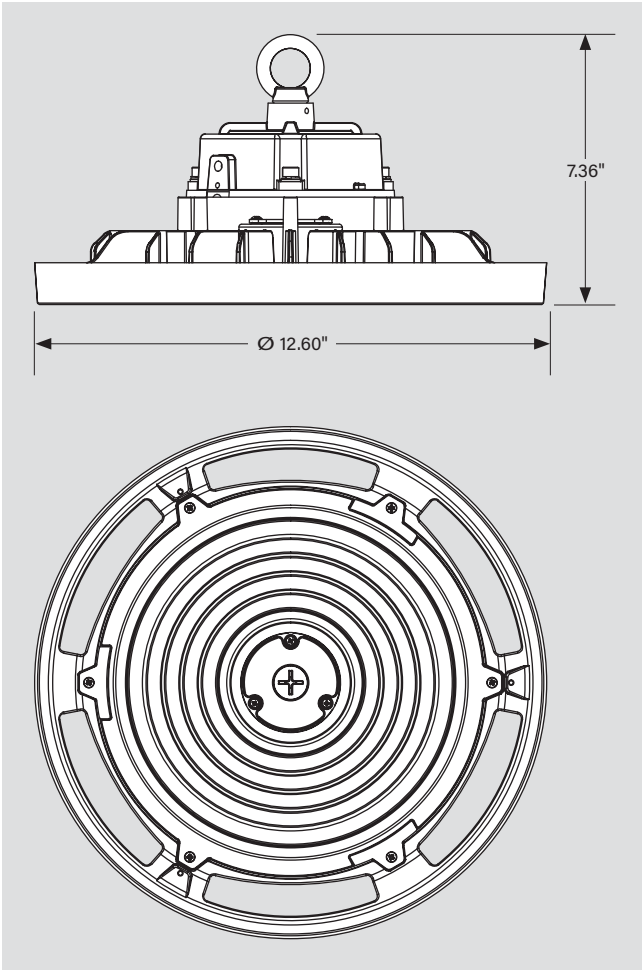
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	10,271.9	43.4%
0-40	16,033.4	67.8%
0-60	22,131.7	93.6%
60-90	1,480.7	6.3%
70-100	469.1	2.0%
90-120	0	0%
0-90	23,612.4	99.9%
90-180	30.1	0.1%
0-180	23,642.5	100%

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PHYSICAL SPECIFICATIONS

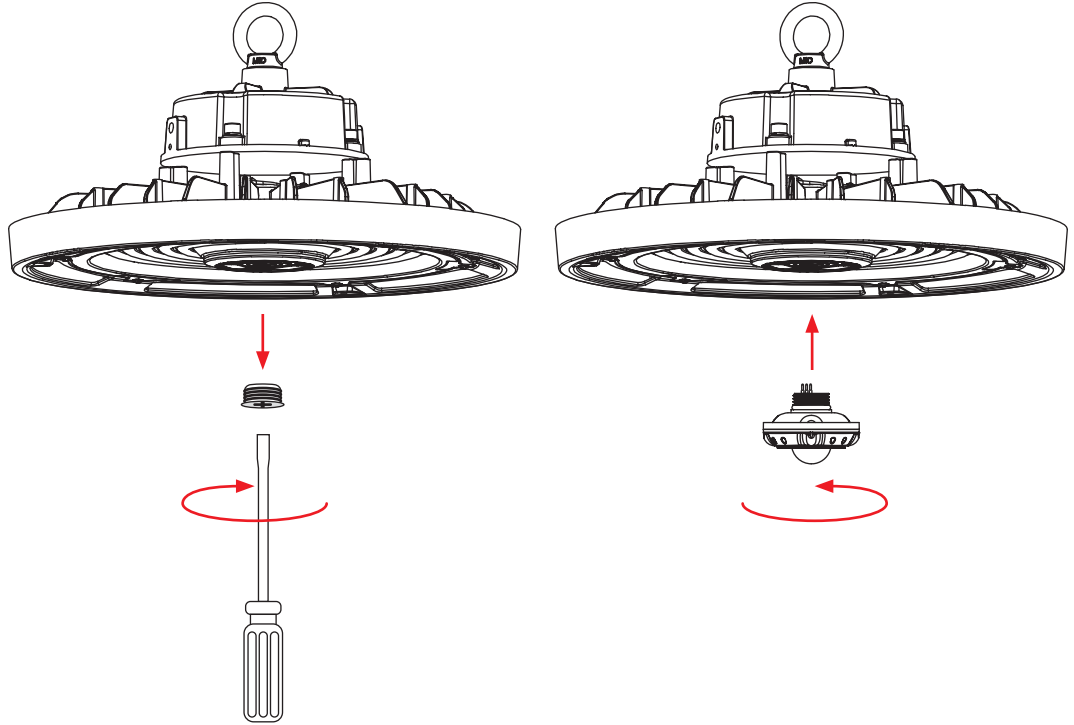


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ROUND LED HIGH BAY FIXTURE

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 Keystone Remote Control.



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ROUND LED HIGH BAY FIXTURE

ACCESSORIES (continued)

SENSORS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC3**	KTSL-FC3-12V-PKO-PIR	Bluetooth mesh screw-in PIR occupancy sensor with built-in fixture controller for SmartLoop system 	843654138862	OCW-60
	/PIR-A	KTS-PIR3-12V-PKO /A	Screw-in PIR sensor, preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled	843654133638	RXQ-30
	/PIR-B	KTS-PIR3-12V-PKO /B	Screw-in PIR sensor, preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled	843654133645	LEF-34
	/MW3-A	KTS-MW3-12V-PKO /A	Screw-in microwave sensor, preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled	843654133317	XYR-25
	/MW3-B	KTS-MW3-12V-PKO /B	Screw-in microwave sensor, preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled	843654133324	SPF-37

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

** When installing on Keystone highbay lights and an IP tight connection is desired, use the xxxx gasket provided with the sensor to ensure proper electrical connection and water tight seal. Hand tighten only.



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

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KTS-MW3-REMOTECONTROL	Remote control for KTS-MW3-12V-PKO /A or /B and KTS-PIR3-12V-PKO /A or /B sensors, used to set and adjust all sensor settings	843654132020	XSR-61

CORD SETS & PLUGS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/L515P	KT-P-L515P	125V NEMA L5-15P twist lock plug	843654123486	GEW-06
	/L615P	KT-P-L615P	250V NEMA L6-15P twist lock plug	843654138619	VPX-09
	/L715P	KT-P-L715P	277V NEMA L7-15P twist lock plug	843654123493	ETV-78

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

Note: For cord sets not listed here, please contact your Keystone sales rep.

EMERGENCY BACKUP

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM	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.	843654144320	UGW-62

* 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 emergency backup units will automatically include any relevant mounting bracket.

(Accessories continued on next page)

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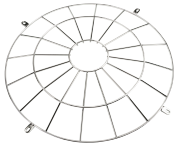
ROUND LED HIGH BAY FIXTURE

ACCESSORIES (continued)

MOUNTS AND BRACKETS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/WG	KT-RHLED-WG-1-KIT /G2	Thick steel wire guard, premium powdercoat construction, includes mounting hardware, fits all "12C" sized high bay fixtures	843654133263	NPV-09



KT-RHLED-WG-2-KIT /G2



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

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

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-RHLED-SM-1-KIT /G2	Steel surface mount kit, includes mounting hardware, fits all "12C" sized high bay fixtures	843654133249	JXD-63
KT-RHLED-JBOX-PM /G2	J-Box, optimized for pole pendant and step down transformer applications, fits all round LED high bay fixtures	843654133300	RAQ-94
KT-RHLED-AR90-1-KIT /G2	Aluminum dome reflector, 90 beam angle, includes mounting hardware, fits all "12C" sized high bay fixtures	843654133287	ZOV-89
KT-RHLED-CL90-1-KIT /G2	Clear polycarbonate dome reflector with bottom lens, 90 beam angle, includes mounting hardware, fits all "12C" sized high bay fixtures	843654133614	FVZ-16



Surface Mount Kit
KT-RHLED-SM-1-KIT /G2



J-Box
KT-RHLED-JBOX-PM /G2



Aluminum Dome Reflector
KT-RHLED-AR90-1-KIT /G2



Clear polycarbonate dome Reflector
KT-RHLED-CL90-1-KIT /G2



STEP DOWN TRANSFORMER

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/480	KTAT-250-480-277 /SF	Fully enclosed, single flex step-down transformer for LED high bay fixtures (250VA or lower)	843654102931	XIM-17



KTAT-250-480-277 /SF



(Accessories continued on next page)



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ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	Easy Code
KT-RHLED150-12C-840-VDIM-P /G2	1	843654133201	VDF-80
KT-RHLED150-12C-850-VDIM-P /G2	1	843654133218	THV-98

CATALOG NUMBER BREAKDOWN

KT-RHLED150-12C-8XX-VDIM-P /G2

1	2	3	4	5	6	7	8	9	10
1 Keystone Technologies	2 Fixture Type	3 LED Technology	4 Wattage	5 Size / Shape	6 80 CRI	7 Color Temperature	8 Dimming	9 Premium Series	10 Generation 2
	RH Round High Bay			12C 12" Diameter		40 4000K 50 5000K			
							VDIM 0-10V		

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-RHLED150-12C-8XX-VDIM-P /G2 /FC3/L515P/EM/WG/480

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-RHLED150-12C-8XX-VDIM-P /G2 /FC3/EM/WG

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-RHLED150-12C-8XX-VDIM-P /G2 /FC3/L515P

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-RHLED150-12C-8XX-VDIM-P /G2 /FC3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-RHLED150-12C-8XX-VDIM-P /G2

* When ordering more than one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.
Note: All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.

KEYSTONE FIXTURE

CATALOG NUMBER

KT-RHLED150-12C-8XX-VDIM-P /G2

SENSORS

✓ SUFFIX	CATALOG NUMBER
✓ /FC3	KTSL-FC3-12V-PKO-PIR

CORD SETS

✓ SUFFIX	CATALOG NUMBER
✓ /L515P	KT-P-L515P

EMERGENCY BACKUP

✓ SUFFIX	CATALOG NUMBER
✓ /EM	KT-EMRG-LED-40SD-5000-CEN /SF

MOUNTS AND BRACKETS

✓ SUFFIX	CATALOG NUMBER
✓ /WG	KT-RHLED-WG-1-KIT /G2

STEP DOWN TRANSFORMER

✓ SUFFIX	CATALOG NUMBER
✓ /480	KTAT-250-480-277 /SF