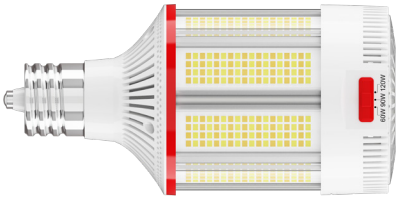
KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

DESCRIPTION

HID Replacement LED Lamp | 3000/4000/5000K | >80 CRI



5 YEAR WARRANTY

PRODUCT FEATURES

- Keystone Power Select technology (See *Performance Specifications* for details)
- Keystone Color Select technology (3000/4000/5000K)
- UL Type B lamp with integrated driver for ballast bypass
- Includes 4kV surge protection
- Instant startup
- Environmentally friendly - mercury free
- Features integrated cooling fan*
- Suitable for use in fully enclosed fixtures – see lamp compartment dimensions on page 7

* 35W and up only

- Not suitable for use with dimmers
- IP20 rated
- UL 1993 Certified Lamp
- UL 1598C Certified Retrofit Kit
- Operating temperature: -40°C/-40°F - 50°C/122°F
- DesignLights Consortium (DLC) certified
- E26 (Medium) or EX39 (Mogul) Base

PERFORMANCE SPECIFICATIONS OVERVIEW

Catalog Number	Preset Wattage*	Preset CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type
KT-LED450PSHVHID-FC-EX39-8CSB-D	450W	5000K	67,980	151 lm/W	277-480V	>80	EX39
KT-LED270PSHVHID-FC-EX39-8CSB-D	270W		43,300	160 lm/W	277-480V		EX39
KT-LED270PSHID-FC-EX39-8CSB-D	270W		43,020	159 lm/W	120–277V		EX39
KT-LED200PSHVHID-FC-EX39-8CSB-D	200W		33,940	170 lm/W	277-480V		EX39
KT-LED200PSHID-FC-EX39-8CSB-D	200W		33,830	169 lm/W	120–277V		EX39
KT-LED150PSHVHID-FC-EX39-8CSB-D	150W		23,590	157 lm/W	277-480V		EX39
KT-LED150PSHID-FC-EX39-8CSB-D	150W		23,180	155 lm/W	120–277V		EX39
KT-LED120PSHVHID-FC-EX39-8CSB-D	120W		19,200	160 lm/W	277-480V		EX39
KT-LED120PSHID-FC-EX39-8CSB-D	120W		19,310	161 lm/W	120–277V		EX39
KT-LED80PSHID-FC-EX39-8CSB-D	80W		12,800	160 lm/W	120–277V		EX39
KT-LED50PSHID-FC-E26-8CSB-D	50W		8,210	164 lm/W	120–277V		E26
KT-LED35PSHID-FC-E26-8CSB-D	35W		5,285	151 lm/W	120–277V		E26
KT-LED20PSHID-FC-E26-8CSB-D	20W		3,100	155 lm/W	120–277V		E26

* Power Select: Preset to Highest Wattage
* Color Select: Preset to (5000K)

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - IN FIXTURE

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED450PSHVHID-FC-EX39-8CSB-D	450W	3000K	49,500	110 lm/W	277-480V	>80	EX39	1000W MH/ED39	50,000hrs
		4000K	54,880	126 lm/W					
		5000K	52,180	116 lm/W					
	360W	3000K	39,600	110 lm/W					
		4000K	45,360	126 lm/W					
		5000K	41,760	116 lm/W					
	270W	3000K	29,700	110 lm/W					
		4000K	34,020	126 lm/W					
		5000K	31,320	116 lm/W					
KT-LED270PSHVHID-FC-EX39-8CSB-D	270W	3000K	28,600	110 lm/W	277-480V	>80	EX39	750W MH/ED37	50,000hrs
		4000K	31,680	124 lm/W					
		5000K	30,700	117 lm/W					
	200W	3000K	22,000	110 lm/W					
		4000K	24,800	124 lm/W					
		5000K	23,400	117 lm/W					
	135W	3000K	14,850	110 lm/W					
		4000K	16,740	124 lm/W					
		5000K	15,795	117 lm/W					
KT-LED270PSHID-FC-EX39-8CSB-D	270W	3000K	29,150	110 lm/W	120-277V	>80	EX39	750W MH/ED37	50,000hrs
		4000K	32,180	125 lm/W					
		5000K	31,240	118 lm/W					
	200W	3000K	22,000	110 lm/W					
		4000K	25,000	125 lm/W					
		5000K	23,600	118 lm/W					
	135W	3000K	14,850	110 lm/W					
		4000K	16,875	125 lm/W					
		5000K	15,930	118 lm/W					
KT-LED200PSHVHID-FC-EX39-8CSB-D	200W	3000K	21,120	110 lm/W	277-480V	>80	EX39	600W MH/ED37	50,000hrs
		4000K	23,010	124 lm/W					
		5000K	21,940	114 lm/W					
	150W	3000K	16,500	110 lm/W					
		4000K	18,600	124 lm/W					
		5000K	17,100	114 lm/W					
	100W	3000K	11,000	110 lm/W					
		4000K	12,400	124 lm/W					
		5000K	11,400	114 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

(Performance Specifications Detailed continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - IN FIXTURE (continued)

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED200PSHID-FC-EX39-8CSB-D	200W	3000K	21,670	110 lm/W	120-277V	>80	EX39	600W MH/ED37	50,000hrs
		4000K	23,490	122 lm/W					
		5000K	22,480	114 lm/W					
	150W	3000K	16,500	110 lm/W					
		4000K	18,300	122 lm/W					
		5000K	17,100	114 lm/W					
	100W	3000K	11,000	110 lm/W					
		4000K	12,200	122 lm/W					
		5000K	11,400	114 lm/W					
KT-LED150PSHVHID-FC-EX39-8CSB-D	150W	3000K	16,500	110 lm/W	277-480V	>80	EX39	450W MH/ED28	50,000hrs
		4000K	18,620	127 lm/W					
		5000K	17,820	119 lm/W					
	115W	3000K	12,650	110 lm/W					
		4000K	14,605	127 lm/W					
		5000K	13,685	119 lm/W					
	80W	3000K	8,800	110 lm/W					
		4000K	10,160	127 lm/W					
		5000K	9,520	119 lm/W					
KT-LED150PSHID-FC-EX39-8CSB-D	150W	3000K	16,500	110 lm/W	120-277V	>80	EX39	450W MH/ED28	50,000hrs
		4000K	18,210	125 lm/W					
		5000K	17,590	117 lm/W					
	115W	3000K	12,650	110 lm/W					
		4000K	14,375	125 lm/W					
		5000K	13,455	117 lm/W					
	80W	3000K	8,800	110 lm/W					
		4000K	10,000	125 lm/W					
		5000K	9,360	117 lm/W					
KT-LED120PSHVHID-FC-EX39-8CSB-D	120W	3000K	13,200	110 lm/W	277-480V	>80	EX39	360W MH/ED28	50,000hrs
		4000K	14,790	125 lm/W					
		5000K	14,510	118 lm/W					
	90W	3000K	9,900	110 lm/W					
		4000K	11,250	125 lm/W					
		5000K	10,620	118 lm/W					
	60W	3000K	6,600	110 lm/W					
		4000K	7,500	125 lm/W					
		5000K	7,080	118 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

(Performance Specifications Detailed - In Fixture continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - IN FIXTURE (continued)

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED120PSHID-FC-EX39-8CSB-D	120W	3000K	13,200	110 lm/W	120-277V	>80	EX39	360W MH/ED28	50,000hrs
		4000K	14,570	123 lm/W					
		5000K	14,150	117 lm/W					
	90W	3000K	9,900	110 lm/W					
		4000K	11,070	123 lm/W					
		5000K	10,530	117 lm/W					
	60W	3000K	6,600	110 lm/W					
		4000K	7,380	123 lm/W					
		5000K	7,020	117 lm/W					
KT-LED80PSHID-FC-EX39-8CSB-D	80W	3000K	8,800	110 lm/W	120-277V	>80	EX39	250W MH/ED23	50,000hrs
		4000K	9,620	124 lm/W					
		5000K	9,310	116 lm/W					
	60W	3000K	6,600	110 lm/W					
		4000K	7,440	124 lm/W					
		5000K	6,960	116 lm/W					
	40W	3000K	4,400	110 lm/W					
		4000K	4,960	124 lm/W					
		5000K	4,640	116 lm/W					
KT-LED50PSHID-FC-E26-8CSB-D	50W	3000K	7,640	153 lm/W	120-277V	>80	E26	150W MH/ED23	50,000hrs
		4000K	8,120	167 lm/W					
		5000K	8,070	161 lm/W					
	35W	3000K	5,350	153 lm/W					
		4000K	5,850	167 lm/W					
		5000K	5,640	161 lm/W					
	25W	3000K	3,820	153 lm/W					
		4000K	4,180	167 lm/W					
		5000K	4,030	161 lm/W					
KT-LED35PSHID-FC-E26-8CSB-D	35W	3000K	5,520	146 lm/W	120-277V	>80	E26	100W MH/ED17	50,000hrs
		4000K	5,900	161 lm/W					
		5000K	5,850	155 lm/W					
	27W	3000K	3,940	146 lm/W					
		4000K	4,350	161 lm/W					
		5000K	4,190	155 lm/W					
	20W	3000K	2,920	146 lm/W					
		4000K	3,220	161 lm/W					
		5000K	3,100	155 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

(Performance Specifications Detailed - In Fixture continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - IN FIXTURE (continued)

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED20PSHID-FC-E26-8CSB-D	20W	3000K	3,010	156 lm/W	120-277V	>80	E26	70W MH/ED17	50,000hrs
		4000K	3,170	166 lm/W					
		5000K	3,100	161 lm/W					
	15W	3000K	2,340	156 lm/W					
		4000K	2,490	166 lm/W					
		5000K	2,410	161 lm/W					
	9W	3000K	1,400	156 lm/W					
		4000K	1,500	166 lm/W					
		5000K	1,450	161 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - BARE LAMP

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED450PSHVHID-FC-EX39-8CSB-D	450W	3000K	63,440	141 lm/W	277-480V	>80	EX39	1000W MH/ED39	50,000hrs
		4000K	71,240	158 lm/W					
		5000K	67,980	151 lm/W					
	360W	3000K	52,360	145 lm/W					
		4000K	58,990	164 lm/W					
		5000K	55,350	154 lm/W					
	270W	3000K	40,000	148 lm/W					
		4000K	44,420	165 lm/W					
		5000K	41,760	155 lm/W					
KT-LED270PSHVHID-FC-EX39-8CSB-D	270W	3000K	40,950	152 lm/W	277-480V	>80	EX39	750W MH/ED37	50,000hrs
		4000K	44,560	165 lm/W					
		5000K	43,300	160 lm/W					
	200W	3000K	31,010	155 lm/W					
		4000K	34,140	171 lm/W					
		5000K	32,940	165 lm/W					
	135W	3000K	21,130	157 lm/W					
		4000K	23,120	171 lm/W					
		5000K	21,280	158 lm/W					
KT-LED270PSHID-FC-EX39-8CSB-D	270W	3000K	41,550	154 lm/W	120–277V	>80	EX39	750W MH/ED37	50,000hrs
		4000K	45,430	168 lm/W					
		5000K	43,020	159 lm/W					
	200W	3000K	30,950	155 lm/W					
		4000K	34,000	170 lm/W					
		5000K	31,040	155 lm/W					
	135W	3000K	21,170	157 lm/W					
		4000K	22,780	169 lm/W					
		5000K	20,790	154 lm/W					
KT-LED200PSHVHID-FC-EX39-8CSB-D	200W	3000K	32,310	162 lm/W	277-480V	>80	EX39	600W MH/ED37	50,000hrs
		4000K	34,860	174 lm/W					
		5000K	33,940	170 lm/W					
	150W	3000K	23,450	156 lm/W					
		4000K	25,010	167 lm/W					
		5000K	24,160	161 lm/W					
	100W	3000K	15,830	158 lm/W					
		4000K	16,840	168 lm/W					
		5000K	16,080	161 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

(Performance Specifications Detailed continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - BARE LAMP (continued)

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED200PSHID-FC-EX39-8CSB-D	200W	3000K	32,350	162 lm/W	120–277V	>80	EX39	600W MH/ED37	50,000hrs
		4000K	34,810	174 lm/W					
		5000K	33,830	169 lm/W					
	150W	3000K	23,460	156 lm/W					
		4000K	25,030	167 lm/W					
		5000K	24,020	160 lm/W					
	100W	3000K	15,780	158 lm/W					
		4000K	16,830	168 lm/W					
		5000K	16,160	162 lm/W					
KT-LED150PSHVHID-FC-EX39-8CSB-D	150W	3000K	23,490	157 lm/W	277-480V	>80	EX39	450W MH/ED28	50,000hrs
		4000K	24,850	166 lm/W					
		5000K	23,590	157 lm/W					
	115W	3000K	17,810	155 lm/W					
		4000K	19,250	167 lm/W					
		5000K	18,230	159 lm/W					
	80W	3000K	12,570	157 lm/W					
		4000K	13,480	169 lm/W					
		5000K	12,780	160 lm/W					
KT-LED150PSHID-FC-EX39-8CSB-D	150W	3000K	22,770	152 lm/W	120–277V	>80	EX39	450W MH/ED28	50,000hrs
		4000K	24,400	163 lm/W					
		5000K	23,180	155 lm/W					
	115W	3000K	17,980	156 lm/W					
		4000K	19,360	168 lm/W					
		5000K	18,180	158 lm/W					
	80W	3000K	12,790	160 lm/W					
		4000K	13,540	169 lm/W					
		5000K	12,810	160 lm/W					
KT-LED120PSHVHID-FC-EX39-8CSB-D	120W	3000K	18,560	155 lm/W	277-480V	>80	EX39	360W MH/ED28	50,000hrs
		4000K	19,930	166 lm/W					
		5000K	19,200	160 lm/W					
	90W	3000K	14,260	158 lm/W					
		4000K	15,200	169 lm/W					
		5000K	14,910	166 lm/W					
	60W	3000K	9,580	160 lm/W					
		4000K	10,030	167 lm/W					
		5000K	10,110	169 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

(Performance Specifications Detailed continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - BARE LAMP (continued)

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED120PSHID-FC-EX39-8CSB-D	120W	3000K	18,300	153 lm/W	120–277V	>80	EX39	360W MH/ED28	50,000hrs
		4000K	19,340	161 lm/W					
		5000K	19,310	161 lm/W					
	90W	3000K	14,430	160 lm/W					
		4000K	15,180	169 lm/W					
		5000K	14,890	165 lm/W					
	60W	3000K	9,560	159 lm/W					
		4000K	9,820	164 lm/W					
		5000K	9,910	165 lm/W					
KT-LED80PSHID-FC-EX39-8CSB-D	80W	3000K	12,000	150 lm/W	120–277V	>80	EX39	250W MH/ED23	50,000hrs
		4000K	13,860	173 lm/W					
		5000K	12,800	160 lm/W					
	60W	3000K	9,170	153 lm/W					
		4000K	10,040	167 lm/W					
		5000K	9,500	158 lm/W					
	40W	3000K	6,370	159 lm/W					
		4000K	6,950	174 lm/W					
		5000K	6,670	167 lm/W					
KT-LED50PSHID-FC-E26-8CSB-D	50W	3000K	7,610	152 lm/W	120–277V	>80	E26	150W MH/ED23	50,000hrs
		4000K	8,350	167 lm/W					
		5000K	8210	164 lm/W					
	35W	3000K	5,350	153 lm/W					
		4000K	6,020	172 lm/W					
		5000K	5,775	165 lm/W					
	25W	3000K	3,900	156 lm/W					
		4000K	4,260	170 lm/W					
		5000K	4,160	166 lm/W					
KT-LED35PSHID-FC-E26-8CSB-D	35W	3000K	5,180	148 lm/W	120–277V	>80	E26	100W MH/ED17	50,000hrs
		4000K	5,600	160 lm/W					
		5000K	5,285	151 lm/W					
	27W	3000K	4,250	157 lm/W					
		4000K	4,480	166 lm/W					
		5000K	4,320	160 lm/W					
	20W	3000K	3,240	162 lm/W					
		4000K	3290	165 lm/W					
		5000K	3,240	162 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

(Performance Specifications Detailed continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PERFORMANCE SPECIFICATIONS DETAILED - BARE LAMP (continued)

Catalog Number	Selectable Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	CRI	Base Type	Legacy Equivalents*	Lifetime
KT-LED20PSHID-FC-E26-8CSB-D	20W	3000K	3,020	151 lm/W	120–277V	>80	E26	70W MH/ED17	50,000hrs
		4000K	3,160	158 lm/W					
		5000K	3,100	155 lm/W					
	15W	3000K	2,300	153 lm/W					
		4000K	2,340	156 lm/W					
		5000K	2,280	152 lm/W					
	9W	3000K	1,370	152 lm/W					
		4000K	1,440	160 lm/W					
		5000K	1,340	149 lm/W					

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

** Suitable for use in enclosed fixtures - see minimum lamp compartment dimensions.*

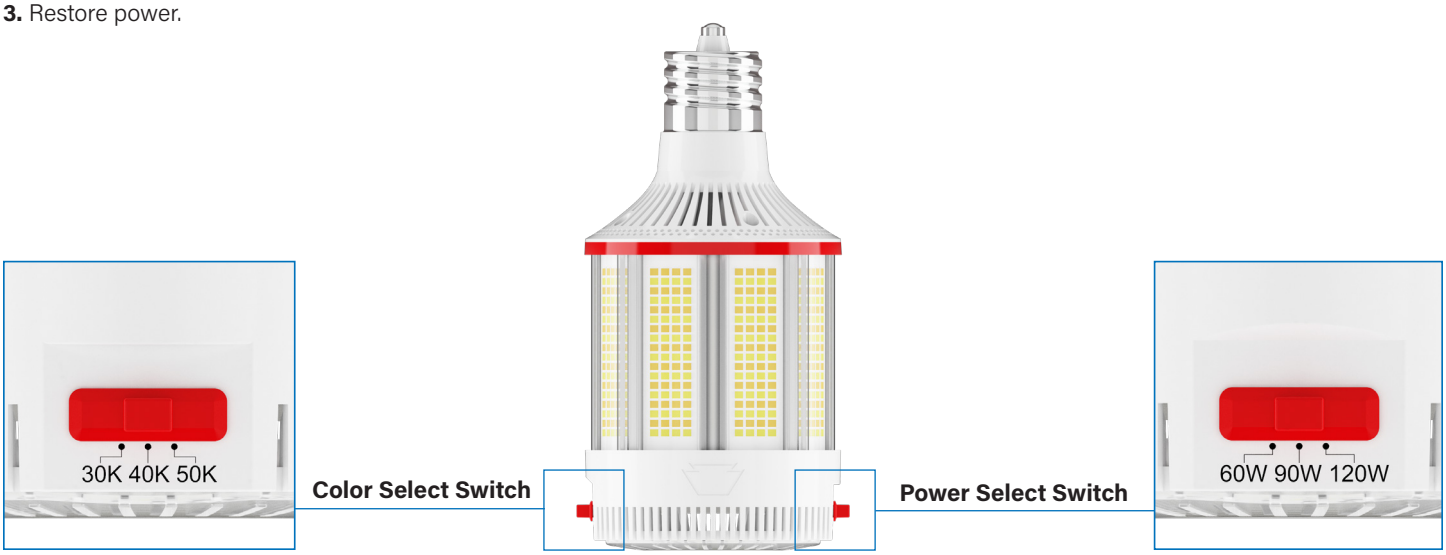
KEY FEATURES

This Lamp is equipped with field-adjustable Keystone Power Select and Color Select technology.

1. Shut off power at the source.

2. Select desired wattage and CCT settings.

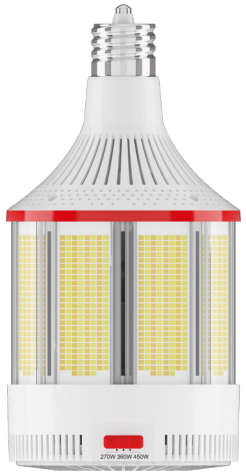
3. Restore power.



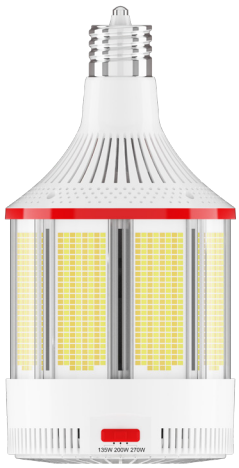
KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

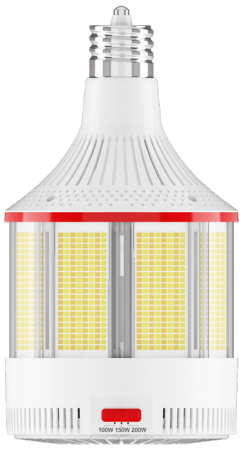
PRODUCT IMAGES



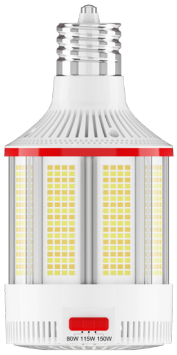
KT-LED450PSHVHID-FC-EX39-8CSB-D



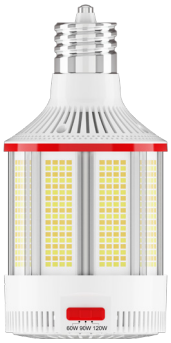
KT-LED270PSHID-FC-EX39-8CSB-D
KT-LED270PSHVHID-FC-EX39-8CSB-D



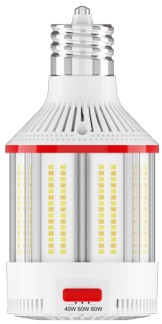
KT-LED200PSHID-FC-EX39-8CSB-D
KT-LED200PSHVHID-FC-EX39-8CSB-D



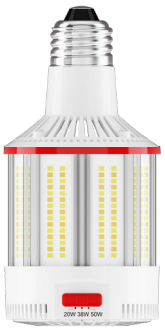
KT-LED150PSHID-FC-EX39-8CSB-D
KT-LED150PSHVHID-FC-EX39-8CSB-D



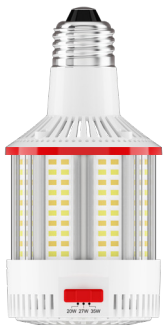
KT-LED120PSHID-FC-EX39-8CSB-D
KT-LED120PSHVHID-FC-EX39-8CSB-D



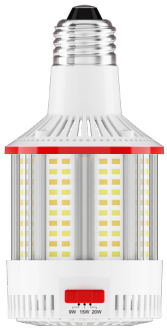
KT-LED80PSHID-FC-EX39-8CSB-D



KT-LED50PSHID-FC-E26-8CSB-D



KT-LED35PSHID-FC-E26-8CSB-D



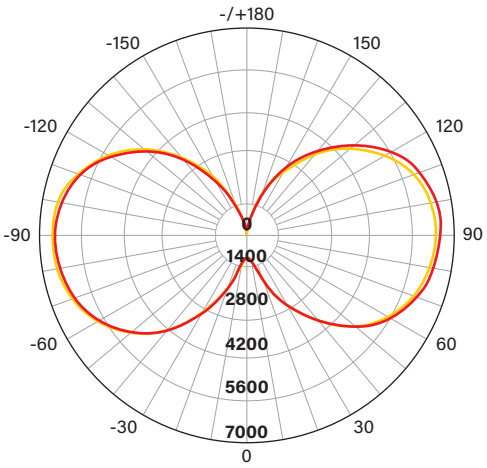
KT-LED20PSHID-FC-E26-8CSB-D

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHOTOMETRIC SPECIFICATIONS (KT-LED450PSHVHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

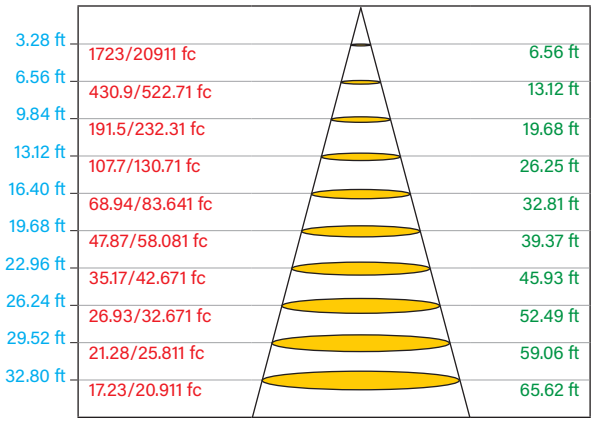


Beam Angle (50%): 337.1°

Unit: cd
C0/C180–166.5/170.0
C90/C270–167.9/169.7

LUX DISTANCE CURVE

Flux Out: 5414 lm

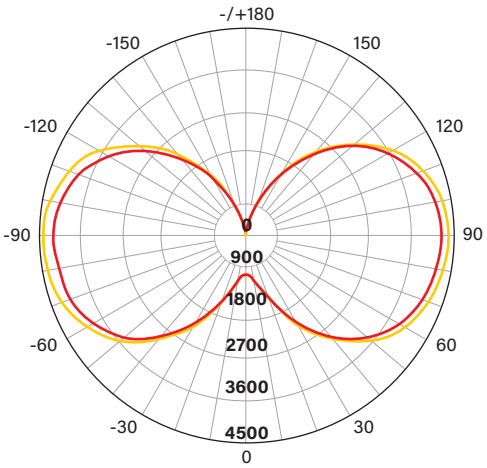


Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

PHOTOMETRIC SPECIFICATIONS (KT-LED270PSHVHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

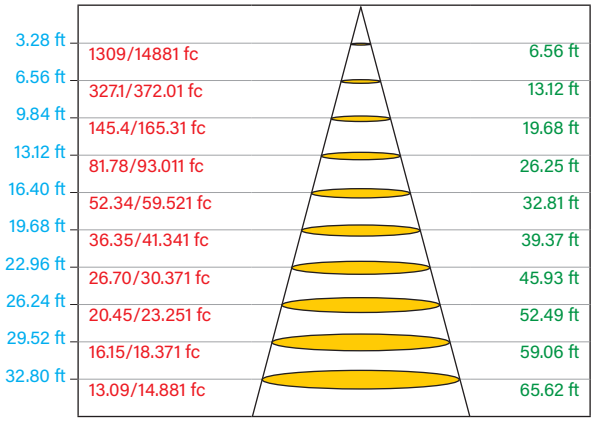


Beam Angle (50%): 329.6°

Unit: cd
C0/C180–164.2/165.0
C90/C270–164.8/165.2

LUX DISTANCE CURVE

Flux Out: 4111 lm



Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

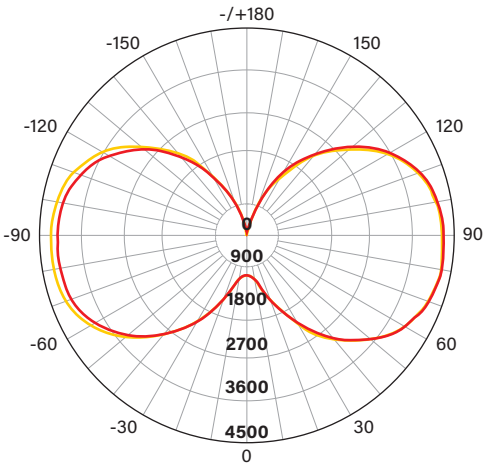
(Photometric Specifications continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHOTOMETRIC SPECIFICATIONS (KT-LED270PSHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

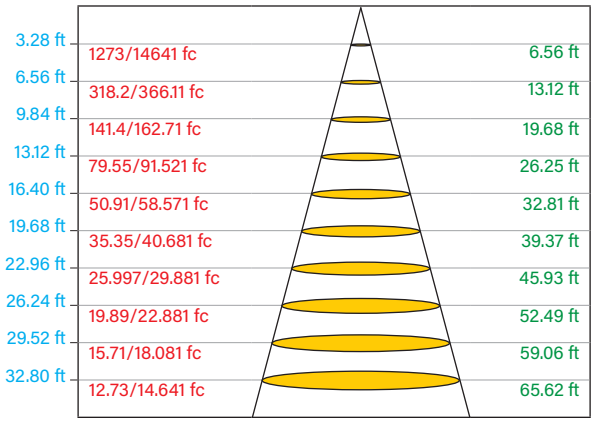


Beam Angle (50%): 329.7°

Unit: cd
C0/C180–164.8/165.0
C90/C270–165.5/164.0

LUX DISTANCE CURVE

Flux Out: 3998 lm

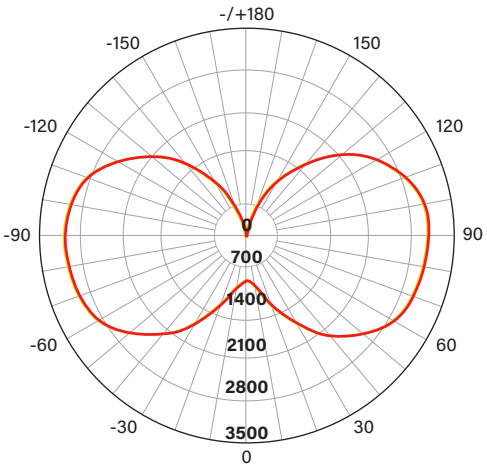


Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

PHOTOMETRIC SPECIFICATIONS (KT-LED200PSHVHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

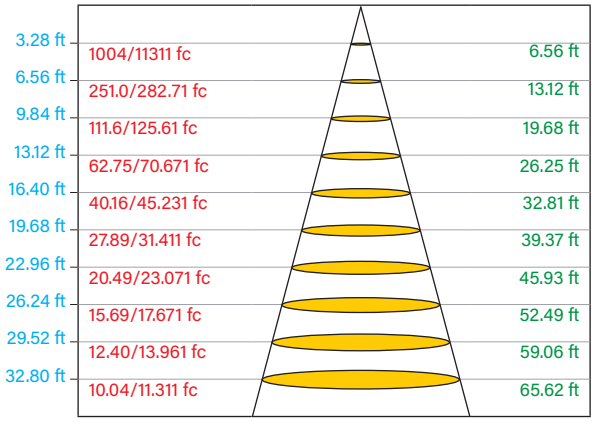


Beam Angle (50%): 325.8°

Unit: cd
C0/C180–162.6/163.2
C90/C270–162.9/163.0

LUX DISTANCE CURVE

Flux Out: 3154 lm



Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

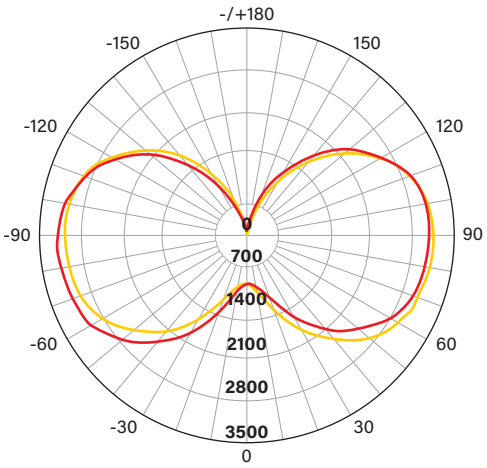
(Photometric Specifications continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHOTOMETRIC SPECIFICATIONS (KT-LED200PSHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

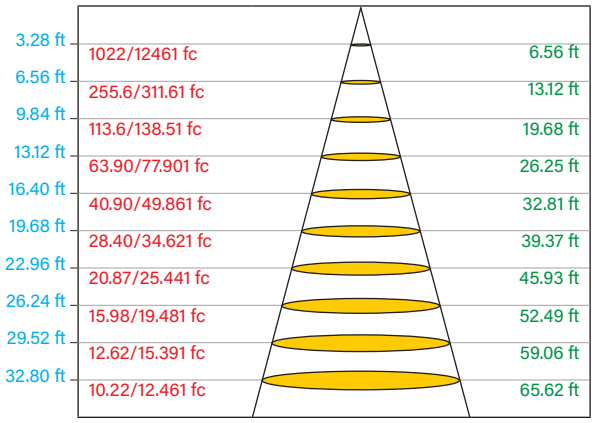


Beam Angle (50%): 326.1°

Unit: cd
C0/C180–160.4/165.7
C90/C270–164.7/161.4

LUX DISTANCE CURVE

Flux Out: 3212 lm

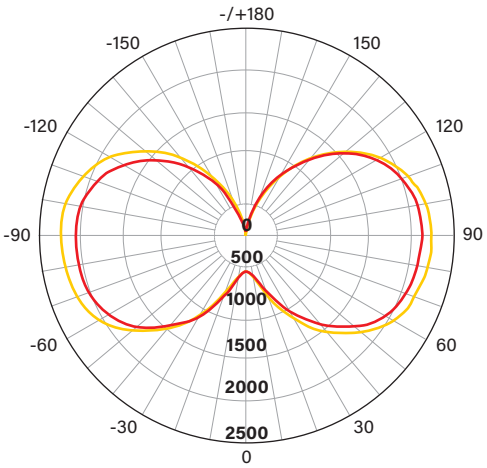


Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

PHOTOMETRIC SPECIFICATIONS (KT-LED150PSHVHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

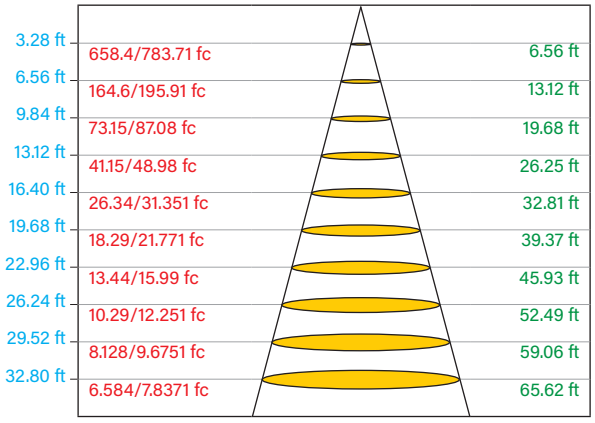


Beam Angle (50%): 331.2°

Unit: cd
C0/C180–163.7/166.7
C90/C270–166.6/165.5

LUX DISTANCE CURVE

Flux Out: 2068 lm



Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

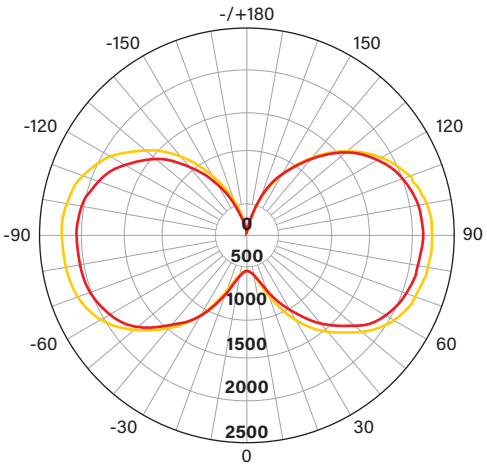
(Photometric Specifications continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHOTOMETRIC SPECIFICATIONS (KT-LED150PSHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

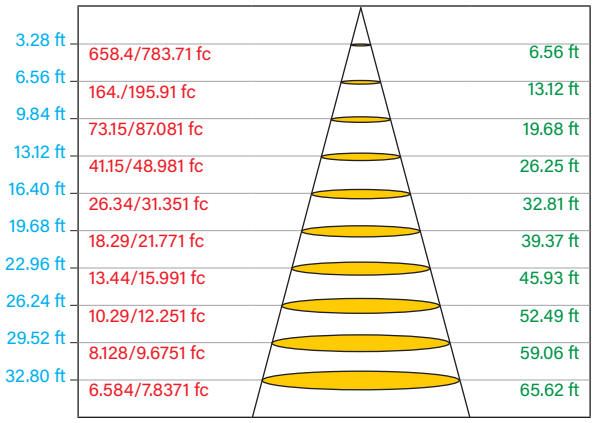


Beam Angle (50%): 331.2°

Unit: cd
C0/C180–163.7/166.7
C90/C270–166.6/165.5

LUX DISTANCE CURVE

Flux Out: 2068 lm

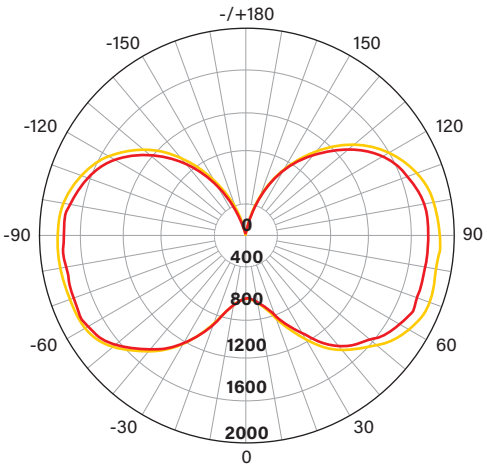


Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

PHOTOMETRIC SPECIFICATIONS (KT-LED120PSHVHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

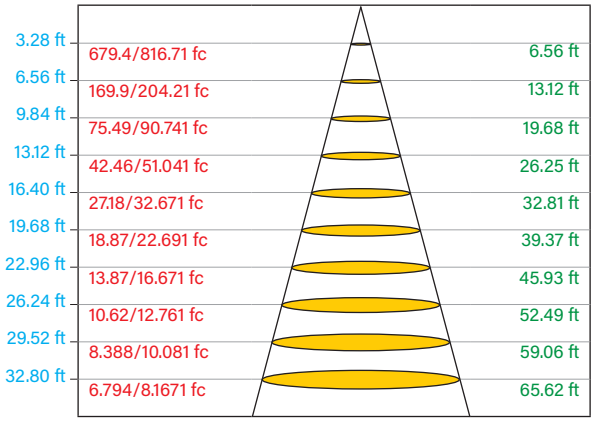


Beam Angle (80%): 321.1°

Unit: cd
C0/C180–158.4/162.0
C90/C270–159.8/162.1

LUX DISTANCE CURVE

Flux Out: 2134 lm



Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

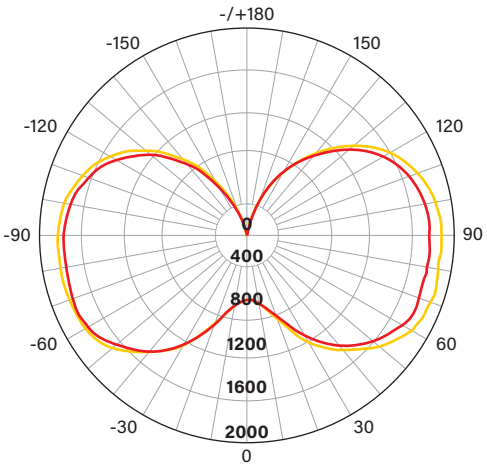
(Photometric Specifications continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHOTOMETRIC SPECIFICATIONS (KT-LED120PSHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

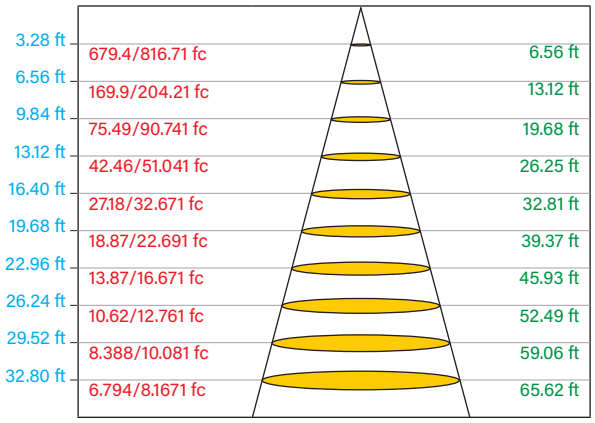


Beam Angle (80%): 321.1°

Unit: cd
C0/C180–158.4/162.0
C90/C270–159.8/162.1

LUX DISTANCE CURVE

Flux Out: 2134 lm

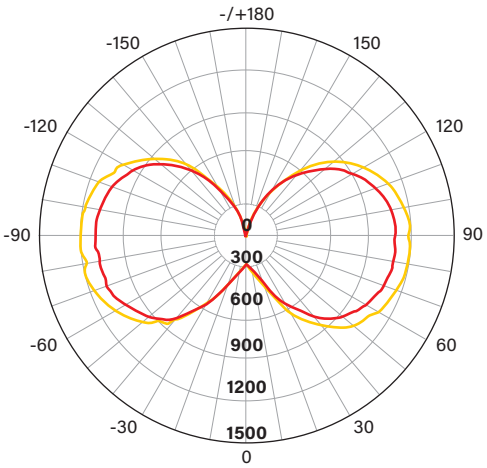


Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

PHOTOMETRIC SPECIFICATIONS (KT-LED80PSHID-FC-EX39-8CSB-D)

POLAR CANDELA DISTRIBUTION

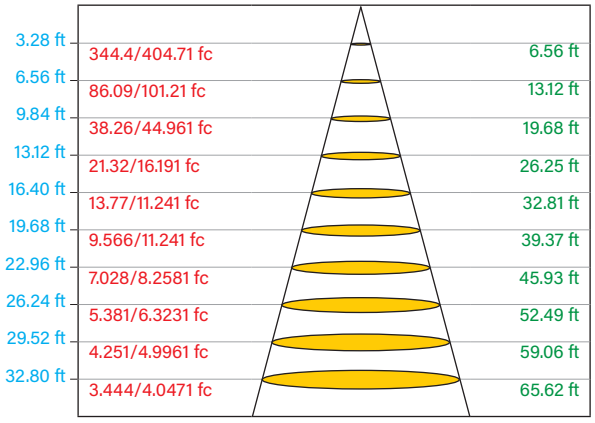


Beam Angle (50%): 329.2°

Unit: cd
C0/C180–165.1/164.5
C90/C270–165.7/163.2

LUX DISTANCE CURVE

Flux Out: 1082 lm



Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

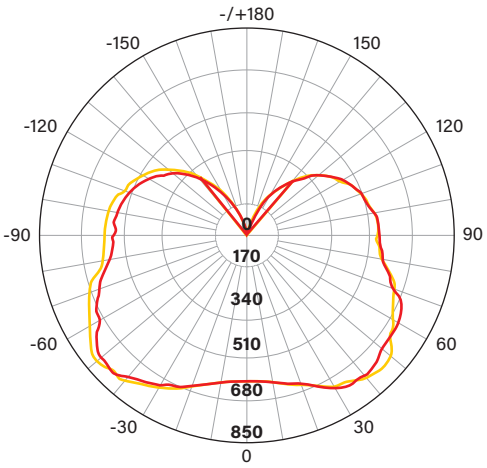
(Photometric Specifications continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHOTOMETRIC SPECIFICATIONS (KT-LED50PSHID-FC-E26-8CSB-D)

POLAR CANDELA DISTRIBUTION

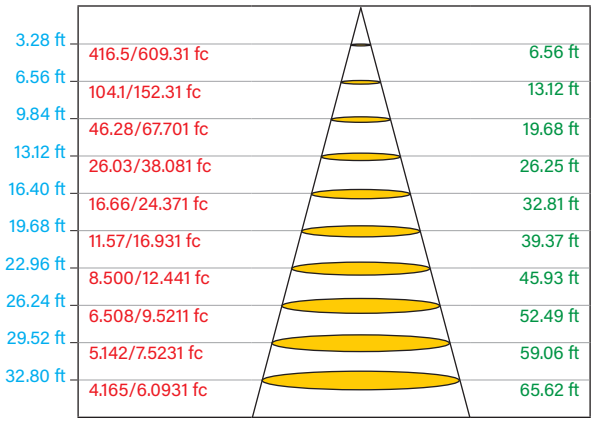


Beam Angle (50%): 282.3°

Unit: cd
C0/C180–141.6/140.2
C90/C270–142.4/140.5

LUX DISTANCE CURVE

Flux Out: 1309 lm

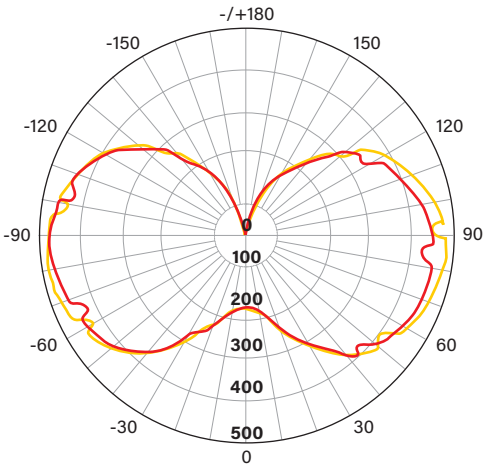


Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

PHOTOMETRIC SPECIFICATIONS (KT-LED35PSHID-FC-E26-8CSB-D)

POLAR CANDELA DISTRIBUTION

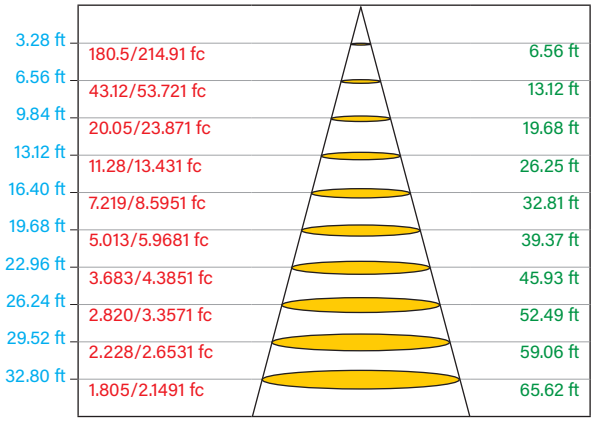


Beam Angle (50%): 319.4°

Unit: cd
C0/C180–160.9/159.6
C90/C270–160.9/157.4

LUX DISTANCE CURVE

Flux Out: 567.0 lm



Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

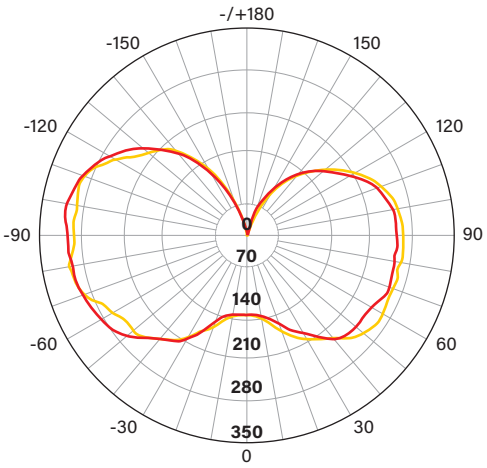
(Photometric Specifications continued on next page*)*

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHOTOMETRIC SPECIFICATIONS (KT-LED20PSHID-FC-E26-8CSB-D)

POLAR CANDELA DISTRIBUTION

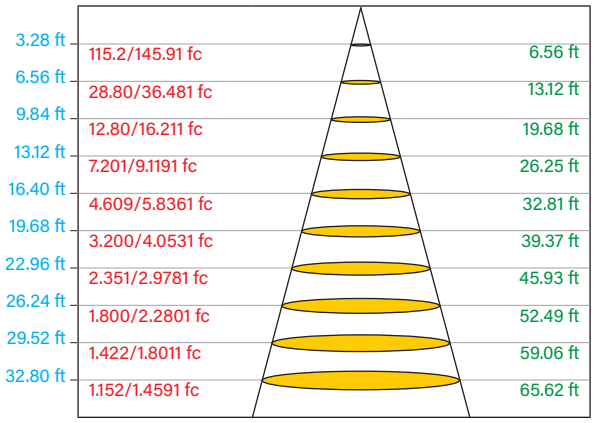


Beam Angle (50%): 315.6°

Unit: cd
C0/C180–160.5/155.6
C90/C270–161.3/153.7

LUX DISTANCE CURVE

Flux Out: 362.0 lm



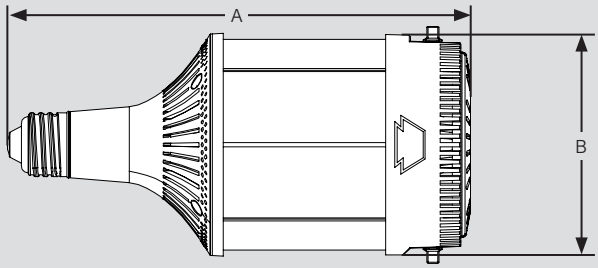
Height **Eavg/Emax** **Angle: 90°** **Diameter**

Curves show illuminated area and average illumination when lamp is at various distances.

KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

PHYSICAL SPECIFICATIONS



LAMP DIMENSIONS

Catalog Number	A (Body Length)	B (Diameter)	BASE TYPE
KT-LED450PSHVHID-FC-EX39-8CSB-D	11.36″	5.68″	EX39
KT-LED270PSHVHID-FC-EX39-8CSB-D	11.36″	5.68″	EX39
KT-LED270PSHID-FC-EX39-8CSB-D	11.36″	5.68″	EX39
KT-LED200PSHVHID-FC-EX39-8CSB-D	10.76″	5.68″	EX39
KT-LED200PSHID-FC-EX39-8CSB-D	10.76″	5.68″	EX39
KT-LED150PSHVHID-FC-EX39-8CSB-D	8.42″	4.08″	EX39
KT-LED150PSHID-FC-EX39-8CSB-D	8.42″	4.08″	EX39
KT-LED120PSHVHID-FC-EX39-8CSB-D	8.42″	4.08″	EX39
KT-LED120PSHID-FC-EX39-8CSB-D	8.42″	4.08″	EX39
KT-LED80PSHID-FC-EX39-8CSB-D	7.92″	3.78″	EX39
KT-LED50PSHID-FC-E26-8CSB-D	7.92″	3.78″	E26
KT-LED35PSHID-FC-E26-8CSB-D	5.63″	2.78″	E26
KT-LED20PSHID-FC-E26-8CSB-D	5.63″	2.78″	E26

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

MIN. LAMP COMPARTMENT DIMENSIONS

Catalog Number	Height (in)	Length (in)	Width (in)
KT-LED450PSHVHID-FC-EX39-8CSB-D	18.50″	14.96″	14.96″
KT-LED270PSHVHID-FC-EX39-8CSB-D	18.50″	14.96″	14.96″
KT-LED270PSHID-FC-EX39-8CSB-D	18.50″	14.96″	14.96″
KT-LED200PSHVHID-FC-EX39-8CSB-D	18.50″	12.60″	12.60″
KT-LED200PSHID-FC-EX39-8CSB-D	18.50″	12.60″	12.60″
KT-LED150PSHVHID-FC-EX39-8CSB-D	18.50″	12.60″	12.60″
KT-LED150PSHID-FC-EX39-8CSB-D	18.50″	12.60″	12.60″
KT-LED120PSHVHID-FC-EX39-8CSB-D	17.32″	10.24″	10.24″
KT-LED120PSHID-FC-EX39-8CSB-D	17.32″	10.24″	10.24″
KT-LED80PSHID-FC-EX39-8CSB-D	16.54″	8.66″	8.66″
KT-LED50PSHID-FC-E26-8CSB-D	16.54″	8.27″	8.27″
KT-LED35PSHID-FC-E26-8CSB-D	14.96″	7.87″	7.87″
KT-LED20PSHID-FC-E26-8CSB-D	14.96″	7.87″	7.87″

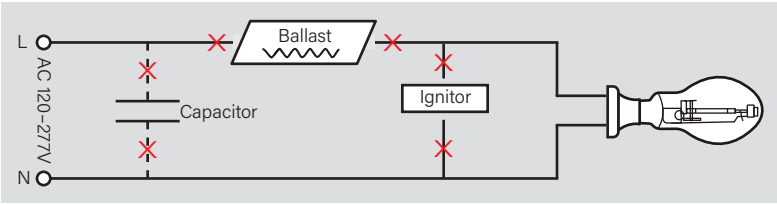
KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

WIRING SPECIFICATIONS

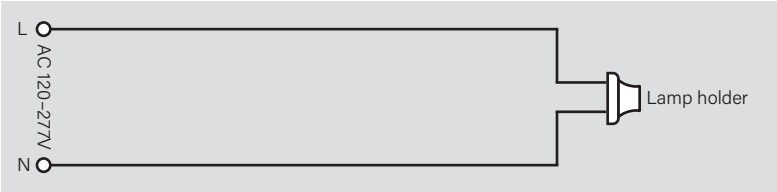
STEP 1

Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.



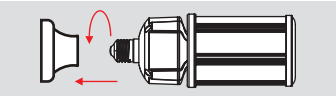
STEP 2

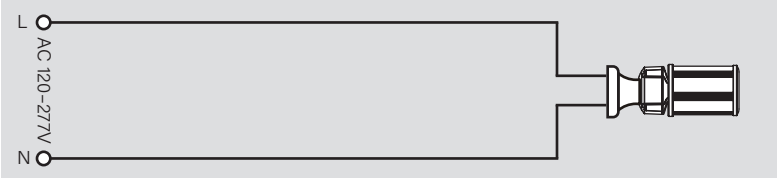
Rewire for line voltage to the lamp socket.



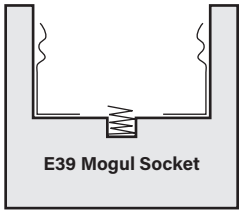
STEP 3

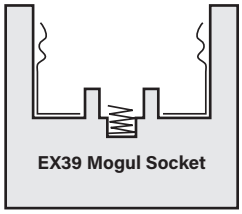
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.





EX39-based lamps will work in *both* **E39** and **EX39** sockets.





KT-LEDXXXPSXXHID-FC-EXXX-8CSB-D

HID REPLACEMENT LED LAMP

ORDERING INFORMATION

Catalog Number	Carton Qty	UPC	Easy Code	DLC Product ID
KT-LED450PSHVHID-FC-EX39-8CSB-D	6	843654176697	ENO-60	S-BW9FBX
KT-LED270PSHVHID-FC-EX39-8CSB-D	6	843654176680	ZUV-52	S-GZR5PM
KT-LED270PSHID-FC-EX39-8CSB-D	6	843654176673	CZN-99	S-WM3L9B
KT-LED200PSHVHID-FC-EX39-8CSB-D	6	843654176666	TIK-16	S-C136HZ
KT-LED200PSHID-FC-EX39-8CSB-D	6	843654176659	AOQ-79	S-WHXN3F
KT-LED150PSHVHID-FC-EX39-8CSB-D	12	843654176642	UQI-69	S-B1D1CD
KT-LED150PSHID-FC-EX39-8CSB-D	12	843654176635	EGH-23	S-T3KT1Z
KT-LED120PSHVHID-FC-EX39-8CSB-D	12	843654176628	OCA-79	S-4LT2HC
KT-LED120PSHID-FC-EX39-8CSB-D	12	843654176611	YBT-48	S-X17P0C
KT-LED80PSHID-FC-EX39-8CSB-D	12	843654176604	WKT-71	S-7Y0JKK
KT-LED50PSHID-FC-E26-8CSB-D	12	843654176598	NYO-12	S-K421HN
KT-LED35PSHID-FC-E26-8CSB-D	20	843654176581	MAU-31	S-FW2G26
KT-LED20PSHID-FC-E26-8CSB-D	20	843654176574	ABG-81	S-34LYW4

CATALOG NUMBER BREAKDOWN

KT-	LED	XXX	PS	XX	HID-	FC-	EXXX-	8	CSB-	D
1	2	3	4	5	6	7	8	9	10	11	12

1 Keystone Technologies
2 LED Lamp
3 Max Wattage
4 Power Select
5 Input Voltage
6 Lamp Type
7 Fan Cooling
8 Base Type
9 80 CRI
10 Color Select
11 Color Select Designation
12 Direct Drive

3 Max Wattage

450W	450/360/270W
270W	270/200/135W
200W	200/150/100W
150W	150/115/80W
120W	120/90/60W
80W	80/60/40W
50W	50/35/25W
35W	35/27/20W
20W	20/15/9W

5 Input Voltage

HV	High Voltage

8 Base Type

E26	Medium Base
EX39	Mogul Base

11 Color Select Designation

B	3000/4000/5000K