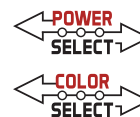




XFIT



KT-VTLEDXXXPS-HBXA-8CSA-VDIM

LED VAPOR TIGHT FIXTURE

DESCRIPTION

LED Vapor Tight Fixture | 120-277V Input | Frosted Lens | 0-10V Dimming

APPLICATION

Used for commercial and industrial rugged or outdoor applications



10 YEAR
LIMITED WARRANTY



PRODUCT FEATURES

- Features Keystone Power Select technology (See Performance Specifications below)
- Features Keystone Color Select technology. Adjust CCT between 3500K/4000K/5000K
- Mounting hardware included: Surface Mount Clips and V-hooks
- Traditional design, medium width body, Vapor Tight fixture, suitable for rugged, demanding applications
- Keystone 0-10V dimming driver with included 10kV surge protection
- NEMA 4X rated enclosure
- IP66 Ingress Protection
- IK08 Impact Rating
- 5VA/Anti- UA Aging PC Lens and Housing
- Ambient operating temperature: -40°C/-40°F to 50°C/122°F
- Sensor receptacle designed to accept easy screw-in installation of optional sensors
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature
- Stainless steel 304, lens clips
- UL Certified for Wet Locations
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone)
- DesignLights Consortium® (DLC) qualified product. Not all product variations listed on this page are DLC premium. Visit <https://designlights.org/qpl/> to confirm if the product meets the DLC Standard or Premium designation.

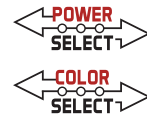
Disclaimer: Not suitable for car wash applications or other applications with similar heavy pressure spray and/or splashing considerations with cleaning chemicals such as petrochemical detergents (aka soaps), chlorine, and/or humidity typically above 85% for prolonged periods

PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Selectable Wattage	Selectable Color Temperature	Lumens	Efficacy	Rated Life	CRI	Power Factor
KT-VTLED105PS-HB2A-8CSA-VDIM*	120-277V	105W	3500K	14,700	140 lm/W	50,000 hrs	>80	>0.9
			4000K	15,750	150 lm/W			
			5000K	15,225	145 lm/W			
		90W	3500K	12,780	142 lm/W			
			4000K	13,680	152 lm/W			
			5000K	13,230	147 lm/W			
		65W	3500K	9,425	145 lm/W			
			4000K	10,075	155 lm/W			
			5000K	9,750	150 lm/W			
KT-VTLED215PS-HB4A-8CSA-VDIM*	120-277V	215W	3500K	30,100	140 lm/W	50,000 hrs	>80	>0.9
			4000K	32,250	150 lm/W			
			5000K	31,175	145 lm/W			
		175W	3500K	24,850	142 lm/W			
			4000K	26,600	152 lm/W			
			5000K	25,725	147 lm/W			
		135W	3500K	19,575	145 lm/W			
			4000K	20,925	155 lm/W			
			5000K	20,250	150 lm/W			

* Preset to highest lumen output (Highest Wattage / 5000K)

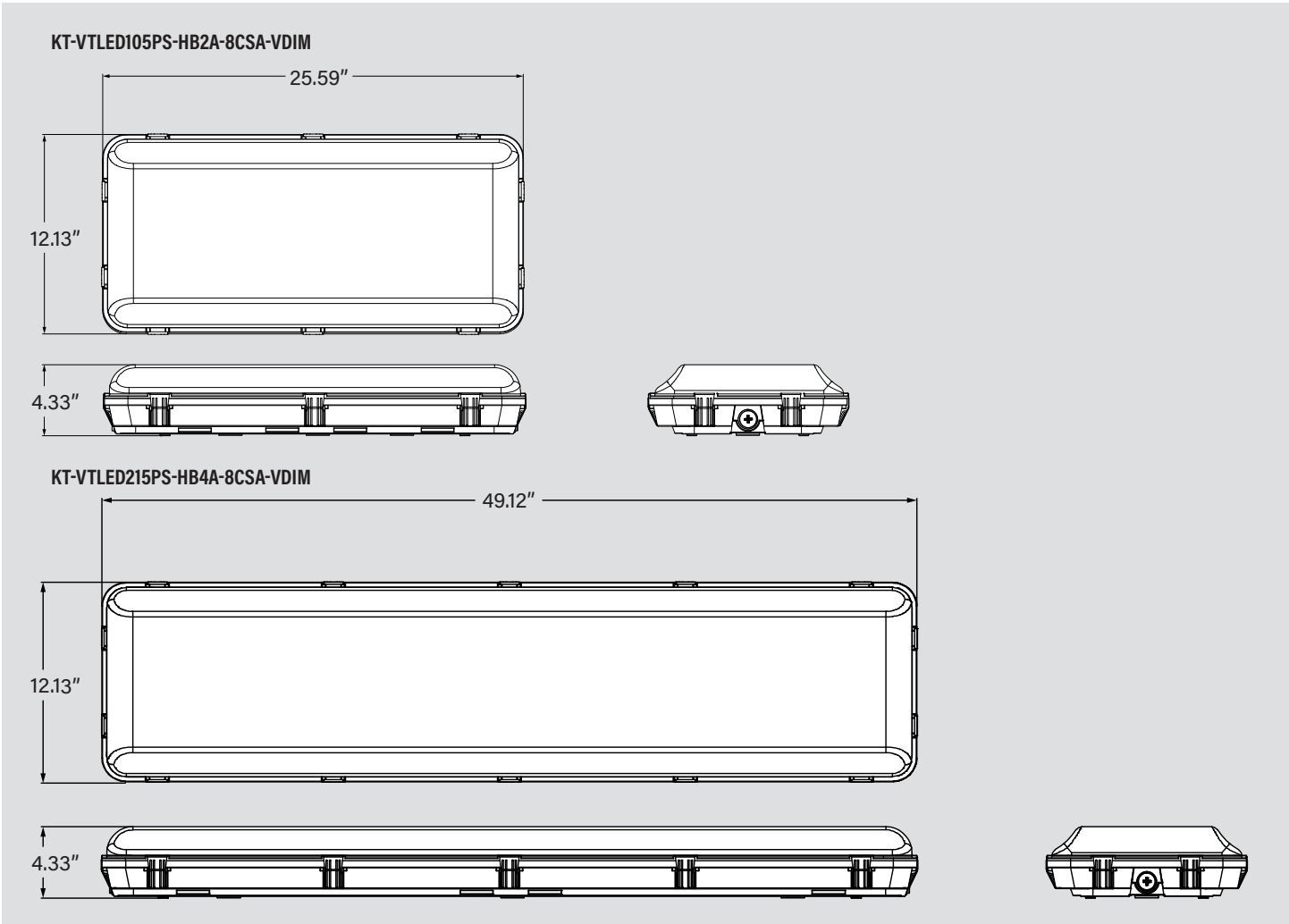
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.



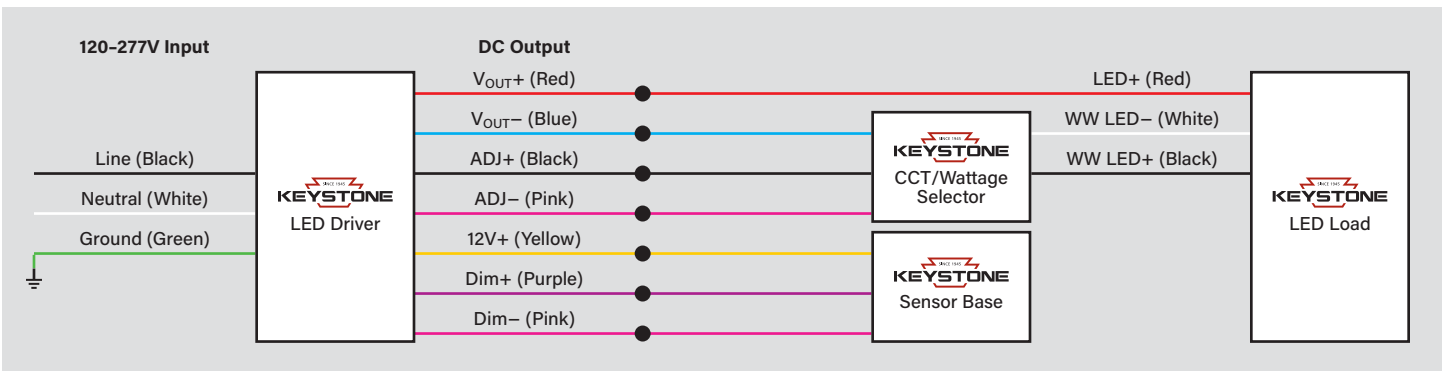
KT-VTLEDXXXPS-HBXA-8CSA-VDIM

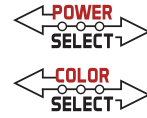
LED VAPOR TIGHT FIXTURE

PHYSICAL SPECIFICATIONS



WIRING SPECIFICATIONS



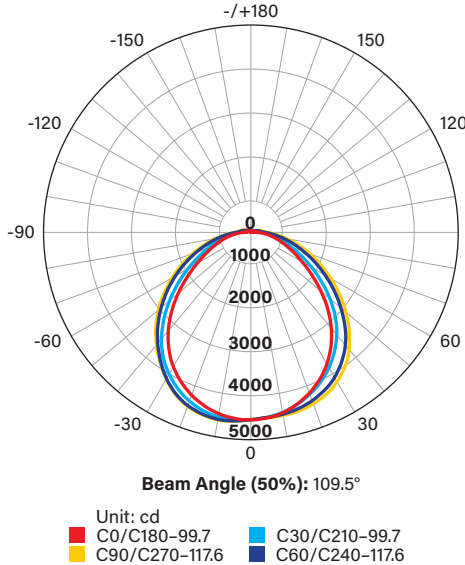


KT-VTLEDXXXPS-HBXA-8CSA-VDIM

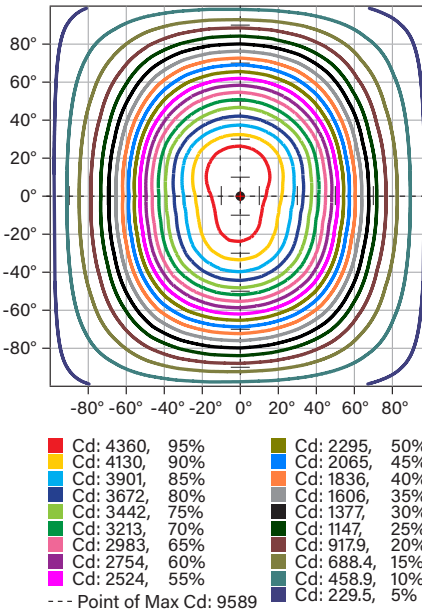
LED VAPOR TIGHT FIXTURE

PHOTOMETRIC SPECIFICATIONS (KT-VTLED105PS-HB2A-8CSA-VDIM)

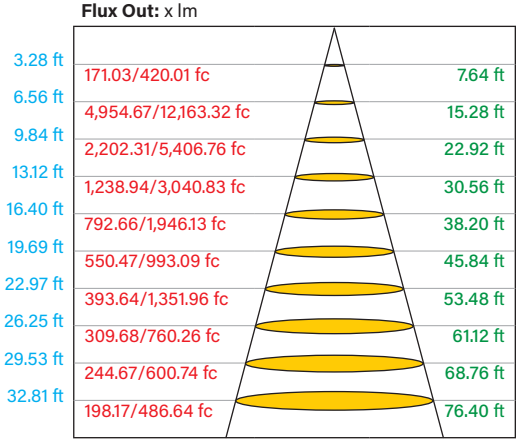
POLAR CANDELA DISTRIBUTION



ISOCANDELA PLOT



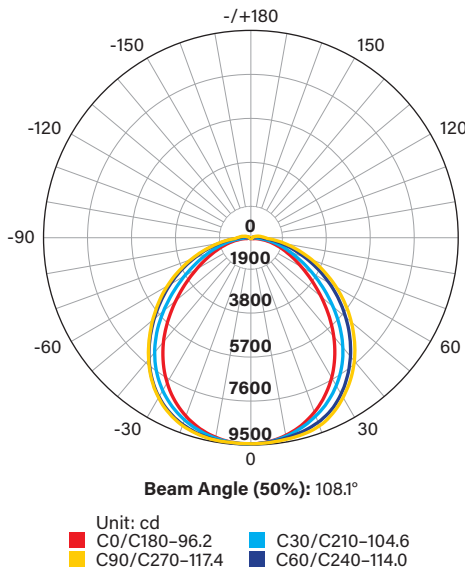
LUX DISTANCE CURVE



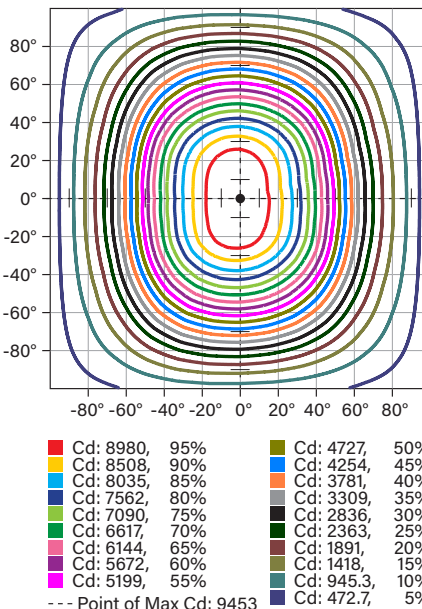
Curves show illuminated area and average illumination when lamp is at various distances.

PHOTOMETRIC SPECIFICATIONS (KT-VTLED215PS-HB4A-8CSA-VDIM)

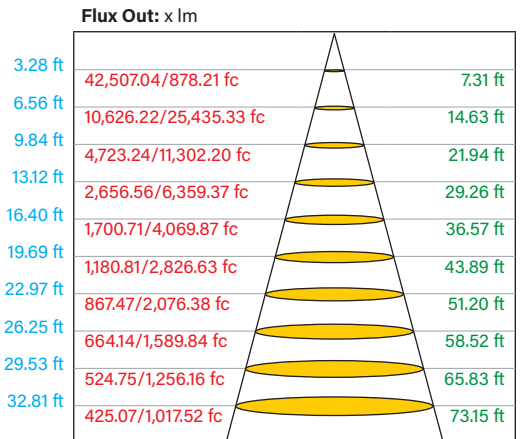
POLAR CANDELA DISTRIBUTION



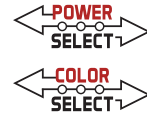
ISOCANDELA PLOT



LUX DISTANCE CURVE



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



KT-VTLEDXXXPS-HBXA-8CSA-VDIM

LED VAPOR TIGHT FIXTURE

ACCESSORIES

SENSORS/CONTROLLERS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC4	KTSL-FC4-12V-PKO	Bluetooth mesh screw-in fixture controller for SmartLoop LLLC system	843654149066	RUN-10
	/MW3	KTS-MW3-12V-PKO	Screw-in microwave multifunction occupancy sensor, preset for 10 min hold time, ∞ min standby time at 50% dim, daylight disable	843654135212	TRM-32

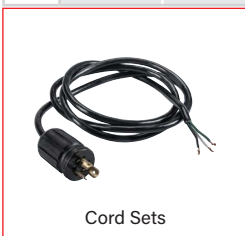


* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).

CORD SETS

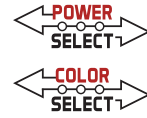
Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/L715P10	KT-CS-L715P-10-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140131	SFV-88
	/L615P10	KT-CS-L615P-10-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140148	ZQS-05
	/L515P10	KT-CS-L515P-10-16/3	Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140155	GVH-22
	/L715P6	KT-CS-L715P-6-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140162	DVU-44
	/L615P6	KT-CS-L615P-6-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140179	LCW-66
	/L515P6	KT-CS-L515P-6-16/3	Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82
	/NP10	KT-CS-NP-10-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire	843654140193	YOH-90
	/NP6	KT-CS-NP-6-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire	843654140216	HUB-73
	/NP15	KT-CS-NP-15-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire	843654140209	EVD-18



* 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.

(Accessories continued on next page)



KT-VTLEDXXXPS-HBXA-8CSA-VDIM

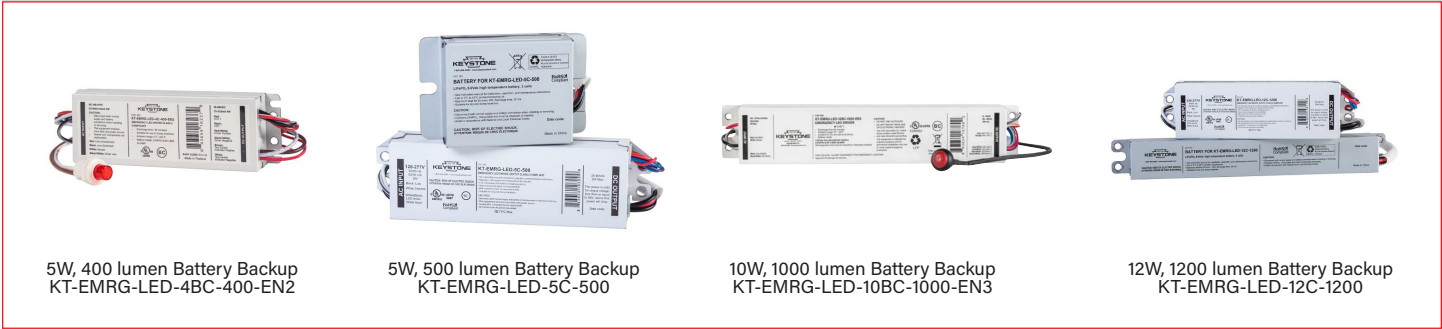
LED VAPOR TIGHT FIXTURE

ACCESSORIES (continued)

EMERGENCY BACKUPS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM4	KT-EMRG-LED-4BC-400-EN2	4W, 400 lumen SmartSafe emergency backup, CEC T20 Compliant, CEC T20 Compliant	843654175515	DQN-36
	/EM5	KT-EMRG-LED-5C-500	5W, 500 lumen SmartSafe emergency backup, CEC T20 Compliant	843654103099	JTR-48
	/EM10	KT-EMRG-LED-10BC-1000-EN3	10W, 1000 Lumen SmartSafe emergency backup, CEC T20 Compliant	843654167602	WUV-99
	/EM12	KT-EMRG-LED-12C-1200	12W, 1200 lumen SmartSafe emergency backup, CEC T20 Compliant	843654103112	OJQ-32



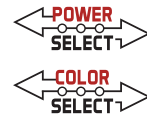
* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
 † FACTORY INSTALLATION OF EMERGENCY BACKUP UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.

MOUNTS/BRACKETS

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

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-VTLED-HBA-EM-KIT	Emergency LED Backup Mounting Kit for Keystone Highbay Vapor Tight Fixtures. (Style A) Includes bracket and mounting hardware.	843654177212	MLH-09

* 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.



KT-VTLEDXXXPS-HBXA-8CSA-VDIM

LED VAPOR TIGHT FIXTURE

ORDERING INFORMATION

ORDER CODE	UPC	EASY CODE	DLC PRODUCT ID
KT-VTLED105PS-HB2A-8CSA-VDIM	843654171470	WXS-28	S-7474C2 S-MLYQ3Z S-C4V0GT
KT-VTLED215PS-HB4A-8CSA-VDIM	843654171487	QWO-37	S-6W53NV S-TVSF5H S-CB7Y8W

CATALOG NUMBER BREAKDOWN

KT-VTLEDXXXPS-HBXA-8CSA-VDIM

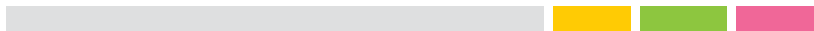
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|--|---|---|-----|---------------------|-----|--------------|---|---|----|---|----|
| <ul style="list-style-type: none"> 1 Keystone Technologies 2 LED Vapor Tight Fixture 3 Max. Wattage 4 Power Select 5 High Bay 6 Nominal Length | <ul style="list-style-type: none"> 7 Form Factor A 8 80 CRI 9 Color Select 10 Color Select Designation 11 0-10V Dimming | <ul style="list-style-type: none"> 3 Power Select Designation <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">105</td> <td>65/90/105W</td> </tr> <tr> <td>215</td> <td>135/175/215W</td> </tr> </table> | 105 | 65/90/105W | 215 | 135/175/215W | <ul style="list-style-type: none"> 6 Nominal Length <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">2</td> <td>2'</td> </tr> <tr> <td>4</td> <td>4'</td> </tr> </table> | 2 | 2' | 4 | 4' |
| 105 | 65/90/105W | | | | | | | | | | |
| 215 | 135/175/215W | | | | | | | | | | |
| 2 | 2' | | | | | | | | | | |
| 4 | 4' | | | | | | | | | | |
| | | <ul style="list-style-type: none"> 9 Color Select Designation <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">A</td> <td>3500K, 4000K, 5000K</td> </tr> </table> | A | 3500K, 4000K, 5000K | | | | | | | |
| A | 3500K, 4000K, 5000K | | | | | | | | | | |

ORDERING EXAMPLES

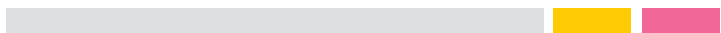
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED105PS-HB2A-8CSA-VDIM/MW3/NP10/EM5



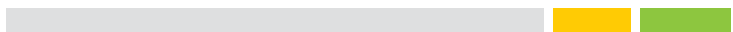
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED105PS-HB2A-8CSA-VDIM/MW3/EM5



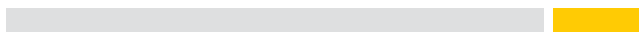
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-VTLED105PS-HB2A-8CSA-VDIM/MW3/NP10



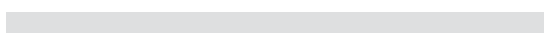
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-VTLED105PS-HB2A-8CSA-VDIM/MW3



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-VTLED105PS-HB2A-8CSA-VDIM



KEYSTONE FIXTURE
CATALOG NUMBER
KT-VTLED105PS-HB2A-8CSA-VDIM

SENSORS		
✓ SUFFIX	CATALOG NUMBER	
✓	/MW3	KTS-MW3-UV-KO-K2

CORD SETS		
✓ SUFFIX	CATALOG NUMBER	
✓	/NP10	KT-CS-NP-10-16/3

EMERGENCY BACKUP		
✓ SUFFIX	CATALOG NUMBER	
✓	/EM5	KT-EMRG-LED-5C-500

* WHEN ORDERING MORE THEN 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.