



KT-VTLED90-8A-8XX-VDIM-P

VAPOR TIGHT FIXTURE

DESCRIPTION

8' 90W LED Vapor Tight Fixture | 120–277V Input | 0–10V Dimming | Premium Series

APPLICATION

Used for commercial and industrial rugged or outdoor applications



PRODUCT FEATURES

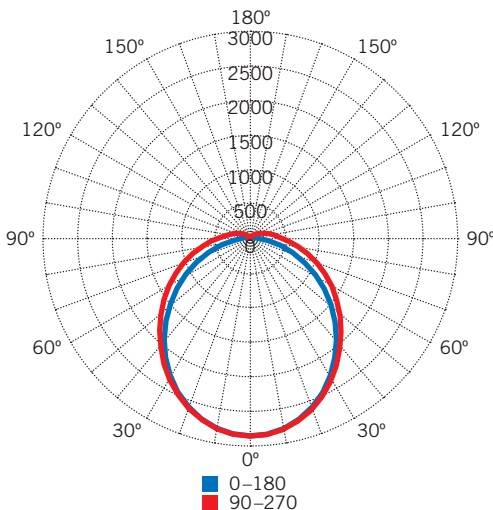
- Traditional design, narrow body, Vapor Tight fixture, suitable for rugged, demanding applications
- Powered by Keystone 0–10V dimming LED drivers
- IP65, suitable for wet location
- Smooth, diffused lens for even appearance
- Stainless steel lens clips
- 0–10V dimming, 10% minimum
- Compatible with Keystone SmartSafe emergency backups
- Ambient operating temperature: –20°C/–4°F to 50°C/122°F
- Impact resistance rating: IK10
- UL Listed 1598: Suitable for dry and damp locations
- THD: < 20%
- PF: > 0.95
- LED chip lifetime: L70 > 100,000 hours @ 25°C/77°F ambient fixture temperature
- Includes mounting hardware

PRODUCT SPECIFICATIONS

Catalog Number	Color Temperature	Nominal Length	Input Voltage	Wattage	CRI	Lumen Output	Efficacy
KT-VTLED90-8A-840-VDIM-P	4000K	8 ft.	120–277V	90W	> 82.0	11,520	128 lm/W
KT-VTLED90-8A-850-VDIM-P	5000K	8 ft.	120–277V	90W	> 82.0	11,700	130 lm/W

PHOTOMETRIC SPECIFICATIONS

LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY*

Zone	Flux (Lumens)	% Luminaire
0–20	1,372.13 lm	11.80%
0–30	2,886.53 lm	24.90%
0–40	4,680.60 lm	40.40%
0–60	8,203.60 lm	70.70%
0–80	10,497.06 lm	90.50%
0–90	11,016.61 lm	95.00%
10–90	10,659.29 lm	91.90%
20–40	3,308.48 lm	28.50%
20–50	5,149.42 lm	44.40%
40–70	4,882.44 lm	42.10%
60–80	2,293.46 lm	19.80%
70–80	934.02 lm	8.10%
80–90	519.55 lm	4.50%
90–110	437.04 lm	3.80%
90–120	514.97 lm	4.40%
90–130	546.88 lm	4.70%
90–150	568.25 lm	4.90%
90–180	582.18 lm	5.00%
110–180	145.14 lm	1.30%
0–180	11,598.79 lm	100.00%

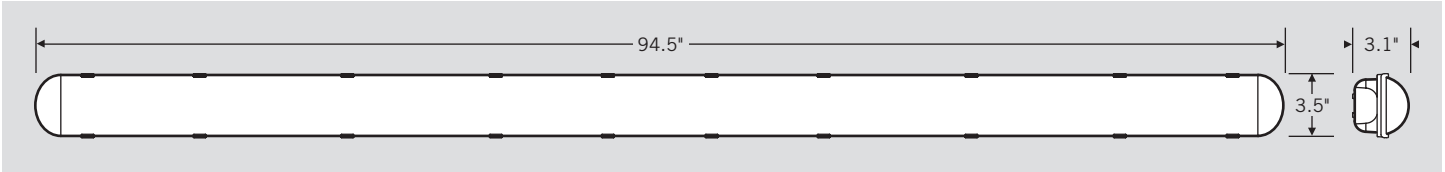
* Calculated



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PHYSICAL SPECIFICATIONS



ORDERING INFORMATION

CATALOG NUMBER	PACKAGING STYLE	PACK QUANTITY	ITEM STATUS
KT-VTLED90-8A-840-VDIM-P-CP	Carton Pack	4	Active
KT-VTLED90-8A-850-VDIM-P-CP	Carton Pack	4	Active

CATALOG NUMBER BREAKDOWN

KT-VTLED90-8A-8XX-VDIM-P

1 2 3 4 5 6 7 8 9

- 1 Keystone Technologies
- 2 Vapor Tight LED Fixture
- 3 Wattage
- 4 8' Nominal Length
- 5 Lamp Type
- 6 800 Series
- 7 Color Temperature
- 8 0-10V Dimming
- 9 Premium Series