PV-LK – Pivot® Upgrade Kits

TYPE

- Uses the same fixture modules for individual or continuous row applications
- Applications include floodlighting, sign lighting, indirect lighting
- Orient as an uplight or downlight
- Wet location for exterior use in any orientation
- Continuous rows feature an unbroken wash of light with no shadows at the fixture connections
- 3000K, 4200K and 5100K CCT
- 0-10V dimming ready
- Integral surge protection
- DLC QPL pending

PV

1. UPGRADE KITS

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LED (*24" Housing Length, 5300 Series Light Engine. Diffused acrylic lens, 60.3 watts)*

- ☐ PV-LK-5350D-24 *(5100K)*
- ☐ PV-LK-5340D-24 *(4200K)*
- ☐ PV-LK-5330D-24 *(3000K)*

LED (*24" Housing Length, 2800 Series Light Engine. Diffused acrylic lens, 30.1 watts)*

- ☐ PV-LK-2850D-24 *(5100K)*
- ☐ PV-LK-2840D-24 *(4200K)*
- ☐ PV-LK-2830D-24 *(3000K)*

LED (*48" Housing Length, 5300 Series Light Engine. Diffused acrylic lens, 120.6 watts)*

- ☐ PV-LK-5350D-48 *(5100K)*
- ☐ PV-LK-5340D-48 *(4200K)*
- ☐ PV-LK-5330D-48 *(3000K)*

LED (*48" Housing Length, 2800 Series Light Engine. Diffused acrylic lens, 60.2 watts)*

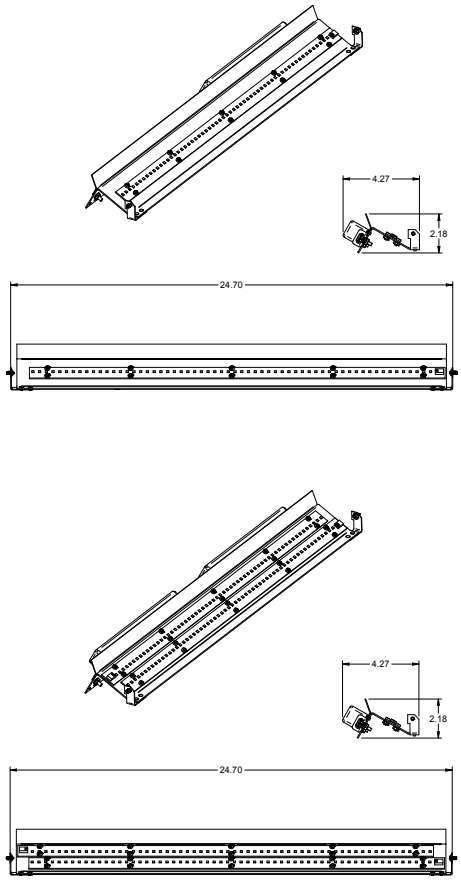
- ☐ PV-LK-2850D-48 *(5100K)*
- ☐ PV-LK-2840D-48 *(4200K)*
- ☐ PV-LK-2830D-48 *(3000K)*

LED (*96" Housing Length, 5300 Series Light Engine. Diffused acrylic lens, 241.2 watts)*

- ☐ PV-LK-5350D-96 *(5100K)*
- ☐ PV-LK-5340D-96 *(4200K)*
- ☐ PV-LK-5330D-96 *(3000K)*

LED (*96" Housing Length, 2800 Series Light Engine. Diffused acrylic lens, 120.4 watts)*

- ☐ PV-LK-2850D-96 *(5100K)*
- ☐ PV-LK-2840D-96 *(4200K)*
- ☐ PV-LK-2830D-96 *(3000K)*



SPECIFICATIONS

OPTICAL MODULE

- Interior optical surfaces shall be painted in a high reflectance white finish for diffusion of lamp imaging and optimal lumen output.
- Hardware shall be stainless steel.

ELECTRICAL

- Luminaires shall accept 120 thru 277 50/60Hz input voltage have integral surge protection and wire leads for controls.
- Drivers shall be U.L recognized, have a minimum starting temperature of -30°C and have a 0-10v dimming interface with a dimming range of 10-100%.
- Drivers shall have a power factor ≥.90 and THD of ≤20% at full load with an inrush current maximum of <20.0 Amps maximum at 230VAC.
- Drivers shall not be compatible with current sourcing dimmers, consult factory for current list of known compatible dimming systems
- Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV.
- Surge protector shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J.
- Estimated time for installation of the upgrade kit into an existing luminaire is 15 minutes.

SERVICING

- The electrical assembly shall be mounted to a prewired internal service tray and accessed by removal of the lens. Removal of two screws at either end of the electrical assembly shall enable the electrical assembly to be removed from the luminaire for service.

CERTIFICATION

- Upgrade kit shall be listed with ETL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no.250. IP65.

WARRANTY / TERMS AND CONDITIONS OF SALE

Download:
http://www.hubbelllighting.com/resources/warranty/

AAL reserves the right to change product specifications without notice.

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JOB .....
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PERFORMANCE DATA

Acrylic diffused lens, 7H x 7W flood distribution

Housing Length	Light Engine	Weight	Average System Watts	Ordering Code	Delivered Lumens	Efficacy (Lm/W)	LED Color Characteristics			
							CCT Average	CCT Range	CRI Minimum	S/P Ratio
24"	5300 Series	9.2	60	PV-LK-5350D-24	5350	89	5100K	4600K-5600K	≥70	1.78
				PV-LK-5340D-24	4467	74	4200K	3800K-4600K	≥80	1.66
				PV-LK-5330D-24	4280	71	3000K	2800K-3175K	≥80	1.33
	2800 Series	9.2	30	PV-LK-2850D-24	2849	95	5100K	4600K-5600K	≥70	1.78
				PV-LK-2840D-24	2379	79	4200K	3800K-4600K	≥80	1.66
				PV-LK-2830D-24	2279	76	3000K	2800K-3175K	≥80	1.33
48"	5300 Series	11.5	121	PV-LK-5350D-48	10700	89	5100K	4600K-5600K	≥70	1.78
				PV-LK-5340D-48	8935	74	4200K	3800K-4600K	≥80	1.66
				PV-LK-5330D-48	8560	71	3000K	2800K-3175K	≥80	1.33
	2800 Series	11.5	60	PV-LK-2850D-48	5698	95	5100K	4600K-5600K	≥70	1.78
				PV-LK-2840D-48	4758	79	4200K	3800K-4600K	≥80	1.66
				PV-LK-2830D-48	4558	76	3000K	2800K-3175K	≥80	1.33
96"	5300 Series	20.5	241	PV-LK-5350D-96	21400	89	5100K	4600K-5600K	≥70	1.78
				PV-LK-5340D-96	17869	74	4200K	3800K-4600K	≥80	1.66
				PV-LK-5330D-96	17120	71	3000K	2800K-3175K	≥80	1.33
	2800 Series	20.5	120	PV-LK-2850D-96	11396	95	5100K	4600K-5600K	≥70	1.78
				PV-LK-2840D-96	9516	79	4200K	3800K-4600K	≥80	1.66
				PV-LK-2830D-96	9117	76	3000K	2800K-3175K	≥80	1.33

ELECTRICAL SPECIFICATIONS

Acrylic diffused lens, 7H x 7W flood distribution

CONFIGURATION			ELECTRICAL CHARACTERISTICS						DIMMING					
Ordering Code	Light Engine	Average System Watts	Amps AC		Min. Power Factor	Max THD (%)	Operating Temp. Range	Dimming Range	Source Current out of 0-10V Purple Wire			Absolute Voltage Range on 0-10V (+) Purple Wire		
			120	277					Minimum	Typical	Maximum	Minimum	Typical	Maximum
PV-LK-5350D-24	5300 Series	60	0.5	0.2	≥.9	20	-30°C to +40°C	10% to 100%	0 mA	-	2 mA	-2 V	-	+15 V
PV-LK-5340D-24														
PV-LK-5330D-24														
PV-LK-2850D-24	2800 Series	30	0.3	0.1										
PV-LK-2840D-24														
PV-LK-2830D-24														
PV-LK-5350D-48	5300 Series	121	1.0	0.4										
PV-LK-5340D-48														
PV-LK-5330D-48														
PV-LK-2850D-48	2800 Series	60	0.5	0.2										
PV-LK-2840D-48														
PV-LK-2830D-48														
PV-LK-5350D-96	5300 Series	241.2	2.0	0.9										
PV-LK-5340D-96														
PV-LK-5330D-96														
PV-LK-2850D-96	2800 Series	120.4	1.0	0.4										
PV-LK-2840D-96														
PV-LK-2830D-96														

LUMEN MAINTENANCE

TM-21 Calculation							
Ambient Environment °C	Projected Lumen Maintenance (Khrs)						Reported L70
	0	25	36	50	75	100	
15	100%	97%	96%	94%	92%	89%	>36Khrs
25	100%	96%	95%	92%	89%	86%	
40	100%	92%	89%	86%	81%	76%	

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