Project Name:	Part Number:

RACK AISLE HIGH BAY - 80W LED

8 ft HIGH BAY

ILP

FEATURES

- Aluminum body with riveted construction and high gloss polyester white paint
- 95% Enhanced aluminum narrow distribution reflector
- Multiple dimming & sensor options to fully control occupied and unoccupied light levels
- Single fixture or continuous row
- 4000K and 5000K color options
- 5 year warranty
- ETL Damp listed
- 0-10V Dimmable Driver
- DesignLight Consortium® Premium Qualified Luminaire*

  * Qualified as a direct linear ambient and high-bay aisle luminaire

SUITABLE APPLICATIONS

- Aisleways
- Warehouses
- Distribution Centers
- Manufacturing Plants

LED SYSTEMS INFORMATION	4000K	5000K
Calculated L$_{70}$ (TM-21)	>100K	>100K
Delivered Lumens	12,260 lm	12,595 lm
Total Input Watts	80 W	80 W
Luminaire Efficacy Rating (LER)	154 lm/W	158 lm/W
Correlated Color Temperature (CCT)	4000K	5000K
Color Rendering Index (CRI)	>80	>80
Maximum Ambient Temperature	125˚F	125˚F
Minimum Ambient Temperature	-40˚F	-40˚F
Universal Driver	120-277 V	120-277 V

LED System data above based on RAH8-80WLED-UNIV-40 & RAH8-80WLED-UNIV-50
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25˚C ambient.
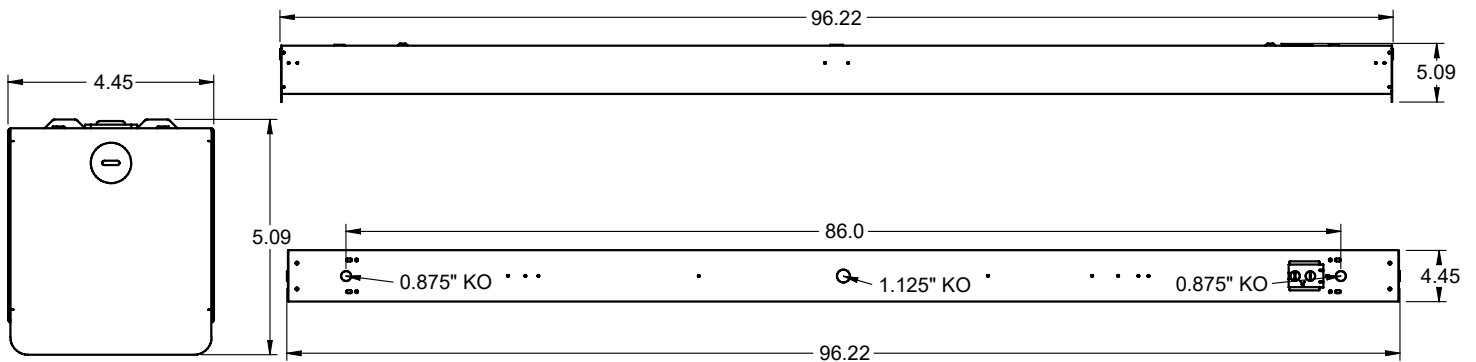
ORDERING GUIDE:

	Series	Watts	Driver		Color	Options	
RAH8	Aisle Bay 8ft	**80WLED**	**UNIV**	120-277V Driver	**50**	**WC***	Wire Cage
			HV	347-480V Driver	**40**	**FIOS**	On/Off Occupancy Sensor Installed
						FIOS/PC	On/Off Occupancy Sensor w/ Photocell
						USDC	User Selectable Dimming Control
						USBD	User Select Bi-level Dim w/ Occ. Sensor
						BDxx	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
						BDxxPC	Preset Bi-Level Dim Sensor with Photocell
						FIOSPC/DLH	Daylight Harvesting
						AB	Bracket for Continuous Row
						HB-XX-18Y-PAD	Y-Toggle Cable System (XX = in)
						SD480*	480V Step Down Transformer
						FI/ILBCP05	5W LED Factory Installed Battery Backup
						FI/ILBCP07	7W LED Factory Installed Battery Backup
						FI/ILBCP10	10W LED Factory Installed Battery Backup
						FI/ILBCP12	12W LED Factory Installed Battery Backup

* Option does not meet DLC

RACK AISLE HIGH BAY - 80W LED

8ft HIGH BAY

96.22

4.45

5.09

5.09

86.0

0.875" KO   1.125" KO   0.875" KO
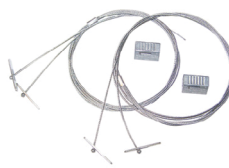
4.45

96.22

MOUNTING OPTIONS

• **V-Clips** - Dual point chain or cable hanging (std.)
• **HB-XX-18Y-PAD** - Includes two adjustable cable hangers
• **SMBZKIT** - Surface mount bracket kit. Provides a 2" space above the fixture.
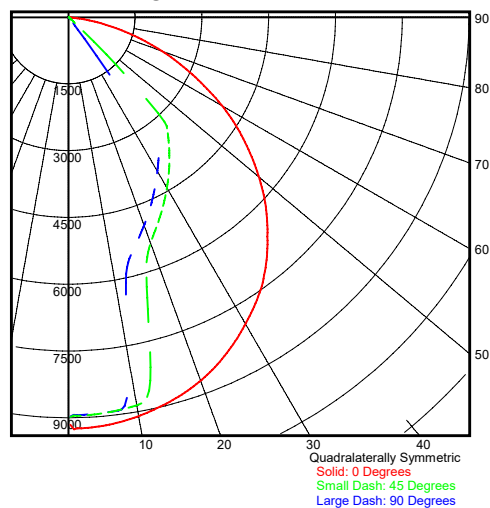
V-CLIPS   **HB-XXX-PAD**   **SMBZKIT**

RAH8-80WLED-UNIV-50

SUMMARY DATA

EFFICIENCY (Downlight):	100.0 %
EFFICIENCY (Uplight):	0.0 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.31
SPACING CRITERION (90-Deg.):	0.64
LUMENS:	11419.99
INPUT WATTS:	79.85

CANDELA PLOT

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees

Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com