Project Name:	
Catalog Number:	Fixture Type:
Volts/Watts:	Lamps/Board:

8' RACK AISLE HIGH BAY - 100W LED

PREMIUM HIGH BAY

FEATURES

- Aluminum Body with Riveted Construction and High Gloss Ployester White Paint
- 95% Enhanced Aluminum Narrow Distribution Reflector
- Multiple Dimming and Sensor Options to Fully Control Occupied and Unoccupied Light Levels
- 5000K Color Temp (Std.)
- 5 Year Warranty
- ETL Damp Listed
- Single Fixure or Cont. Row
- Universal 0-10V Dimmable Driver (Std)
- DesignLights Consortium® Qualified [2]

REPLACES 400W MH

LED SYSTEM

Calculated L_{70} (TM-21)	**>100K** [1]
Delivered Lumens	**12,080 lm**
Total Input Watts	**113 W**
Luminaire Efficacy Rating (LER)	**107 lm/W**
Correlated Color Temperature (CCT)	**5000 K**
Color Rendering Index (CRI)	**> 80**
Max Ambient Temp	**130° F** [3]
Universal Driver	**120-277 V**

LED System data above based on RAH8-100WLED-UNIV-5000K
[1] LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25˚C ambient
[2] Specific Configurations Listed on DLC. [3] Max ambient temp applies to standard driver installed.

SUITABLE APPLICATIONS

- Aisle Ways
- Warehouse
- Distribution
- Manufacturing Plant

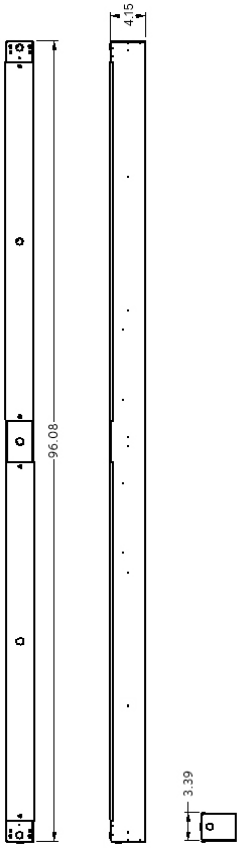
ORDERING GUIDE:

RAH8	100WLED	UNIV	5000K	eg: CORDx

Series	LED	Driver	Color	Options
☐ **RAH8** Aisle Bay 8ft	☐ **100WLED**	☐ **UNIV** 120-277 Driver	☐ **4000K** ☐ **5000K**	☐ **FIOS** On/Off Occupancy Sensor Installed ☐ **FIOSPC** 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 w/ Photocell ☐ **DHPC** Daylight Harvesting ☐ **PC** Photocell ☐ **SD480**** 480V Step Down Transformer ☐ **LEDBB** LED Battery Backup (may reduce max ambient) ☐ **CLD** For Below 0˚C/32˚F Environment ☐ **CORDx** Cord (X = ft) ☐ **QDCx** Quick Disconnect Cord (X = ft) ☐ **HB-XX-18Y-PAD** Y-Toggle Cable System (XX = in) ☐ **WC** 11 Ga Wire Cage

8’ RACK AISLE HIGH BAY - 100W LED

PREMIUM HIGH BAY



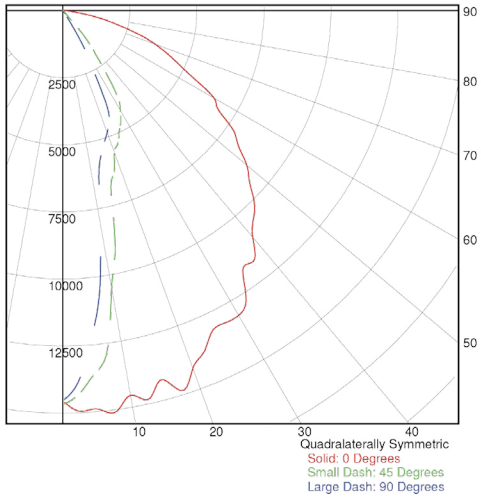
RAH8-100WLED-UNIV-5000K

LUMINAIRE OUTPUT = 12450 LMS
120.0V 0.9493A 113.3W PF=0.995

SUMMARY DATA

HEMISPHERES TESTED:	Lower
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION: (0-Deg):	1.32
SPACING CRITERION: (90-Deg):	0.37
LUMENS/LAMP:	3047.792
NO. OF LAMPS:	4
LUMINOUS OPENING: RECTANGULAR:	
Width:	0.19 (Feet)
Length:	8.00
Height:	0.00
INPUT WATTS:	113.3

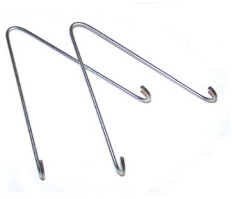
PLANE AND CONE DIAGRAM



Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

MOUNTING OPTIONS

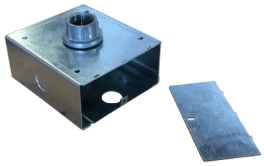
- **V-Clips** for dual point chain or cable hanging (standard)
- **Y-Toggle Cable Kit** - Includes 2 adjustable cable hangers
- **Fixture Mounting Box** (FMB) - Includes rigid box to attach to the fixture, provides for single point mounting to accept a pendant, hook, or conduit hub (sold separately).



V-Clips

HB-XX-PAD

SMBKIT



FMB and HUB
3/4 CONDUIT

FMB and HOOK

Industrial Lighting Products

LED lighting facts®
A Program of the U.S. DOE

Light Output (Lumens)	12093
Watts	113.6
Lumens per Watt (Efficacy)	106.45
Color Accuracy Color Rendering Index (CRI)	82

Light Color
Correlated Color Temperature (CCT) 5000 (Daylight)

Warm White | Bright White | Daylight

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide.*

Registration Number: -GFZNQA (9/17/2014)
Model Number: RAH8-100WLED-UNIV-5000K
Type: Luminaire - Linear