

Project Name:

Part Number:

Type:

DOMED HIGH BAY - 190WLED

DOMED HIGH BAY



407-478-3759
ilp-inc.com

FEATURES

- Cold-forged aluminum heat sink
- 14" aluminum reflector option
- 16" or 22" acrylic diffuser option
- Multiple dimming and sensor options
- Multiple mounting options
- ETL Listed
- 5000K (only)
- 5 year warranty
- 1-10V Dimmable Driver
- DesignLights Consortium® Qualified Luminaire



SUITABLE APPLICATIONS

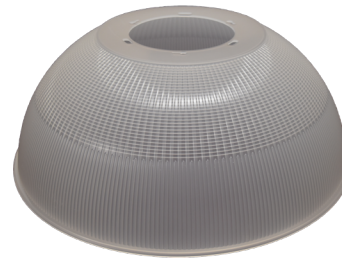
- Warehouses
- Distribution Centers
- Manufacturing Plants
- Gymnasiums

LED SYSTEMS INFO	BASE	REFL90	AD16	AD22
Calculated L ₇₀ (TM-21)	>100K	>100K	>100K	>100K
Delivered Lumens	23,710 lm	20,800 lm	22,925 lm	23,111 lm
Total Input Watts	183 W	183 W	183 W	183 W
Luminaire Efficacy Rating (LER)	130 lm/W	114 lm/W	125 lm/W	126 lm/W
Correlated Color Temperature (CCT)	5000K	5000K	5000K	5000K
Color Rendering Index (CRI)	>70	>70	>70	>70
Maximum Ambient Temperature	130°F	130°F	130°F	130°F
Minimum Ambient Temperature	-40°F	-40°F	-40°F	-40°F
Universal Driver	120-277 V	120-277 V	120-277 V	120-277 V

LED System data above based on DHB-190WLED-UNIV-50, DHB-190WLED-UNIV-50-REFL90, DHB-190WLED-UNIV-50-AD16 and DHB-190WLED-UNIV-50-AD22
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient.



Shown with 16" Acrylic Diffuser



22" Acrylic Diffuser



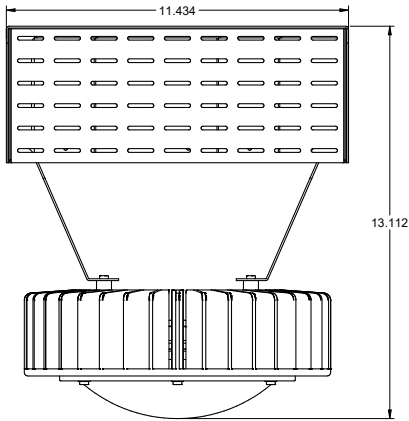
Aluminum Reflector

ORDERING GUIDE:

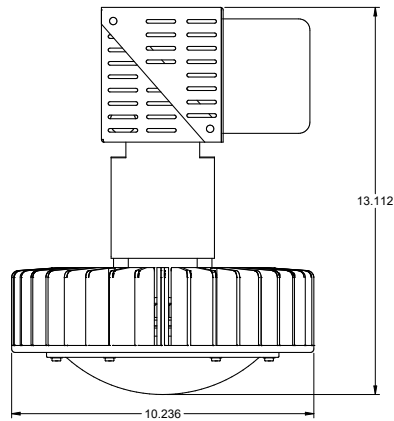
Series	Watts	Driver	Color	Options	
DHB Domed High Bay	190WLED	UNIV 120-277 V Driver	50	REFL90	14" Aluminum Reflector
				AD16	16" Frosted Acrylic Diffuser
				AD22	22" Frosted Acrylic Diffuser
				Cx/3W	3-wire cord standard fixtures (xFT = Length; x=6,10,15,20)
				Cx/4W	4-wire cord for EM fixtures (xFT = Length; x=6,10,15,20)
				Cx/5W	5-wire cord for non EM fixtures with external dim control (xFT = Length; x=6,10,15,20)
				Cx/6W	6-wire cord for EM fixtures with external dim control (xFT = Length; x=6,10,15,20)
				WC16	16" Wire Cage
				WC22	22" Wire Cage
				FIOS	On/Off Occupancy Sensor Installed
				FIOS/PC	On/Off Occupancy Sensor w/ Photocell
				USBD	User Select Bi-level Dim w/ Occ. Sensor
				BDxx	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
				HOOK	Cast Iron Hook For Single Point Mounting
				HUB 3/4	Conduit Hub 3/4" For Pendant Mounts
				ACxY	Y-Toggle Cable System (x = 5' or 10')
				LEDBB	LED Battery Backup (may reduce max ambient)
				SD480*	480V Step Down Transformer

DOMED HIGH BAY - 190WLED

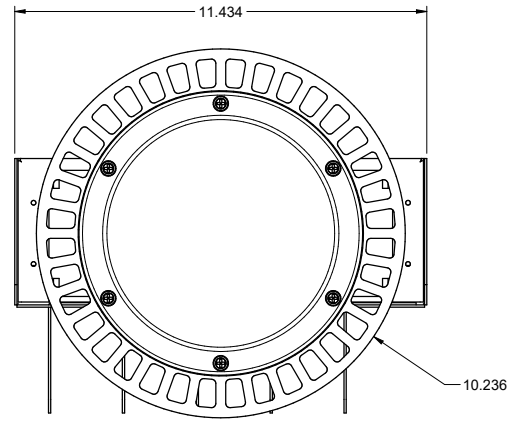
DOMED HIGH BAY



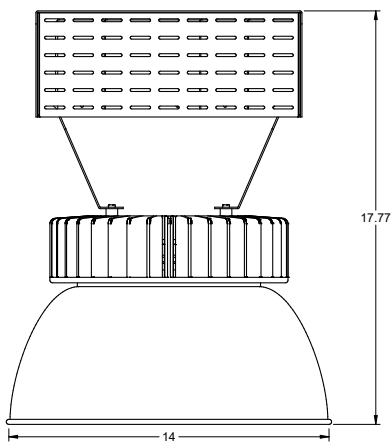
Front View



Side View

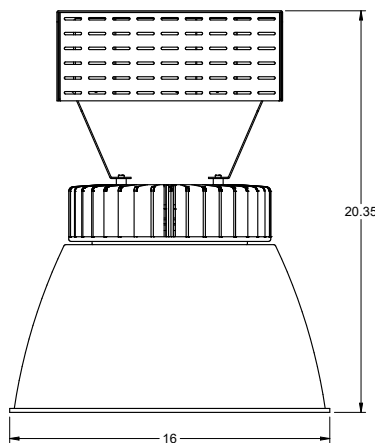


Bottom View



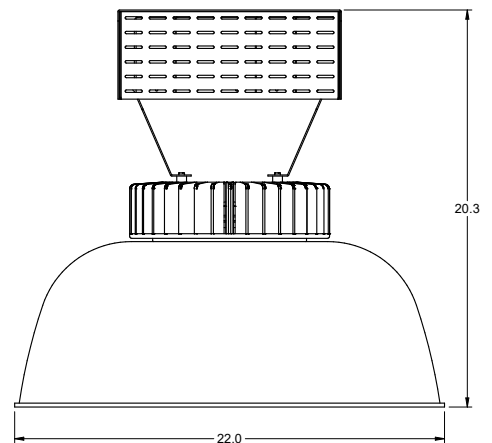
REFL90

14" Aluminum Reflector



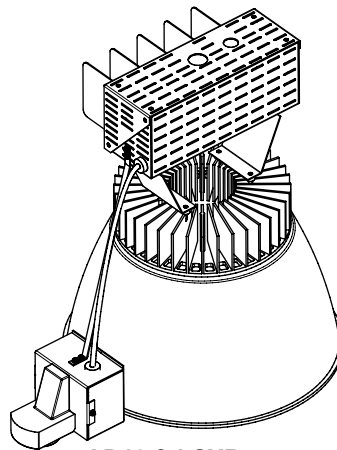
AD16

16" Frosted Acrylic Diffuser



AD22

22" Frosted Acrylic Diffuser



AD16 & LSXR sensor

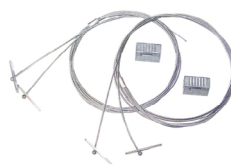
MOUNTING OPTIONS

- **HOOK** - Cast iron hook for single point mounting
- **Y-Toggle Cable Kit** - Includes two adjustable cable hangers
- **Conduit Hub** - Conduit hub 3/4" for pendant mounts

HOOK



HB-XXX-PAD



HUB 3/4" CONDUIT



DOMED HIGH BAY - 190W LED

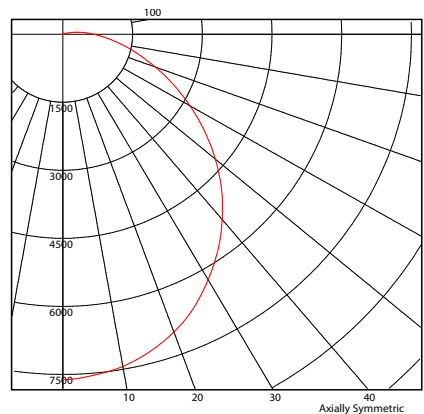
PHOTOMETRIC REPORTS

DHB-190WLED-UNIV-50

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	97.3 %
EFFICIENCY (Uplight):	2.7 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.22
LUMENS:	22529.84
INPUT WATTS:	182.74

CANDELA PLOT



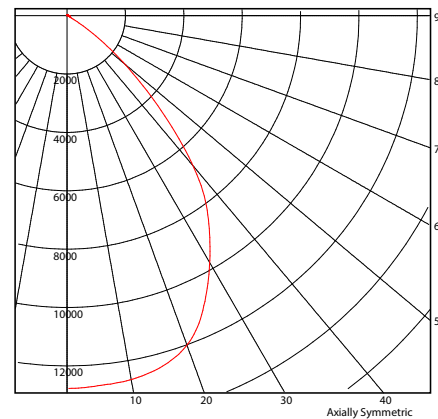
Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com

DHB-190WLED-UNIV-50-REFL90

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	99.5 %
EFFICIENCY (Uplight):	0.5 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.15
LUMENS:	19899.97
INPUT WATTS:	182.67

CANDELA PLOT



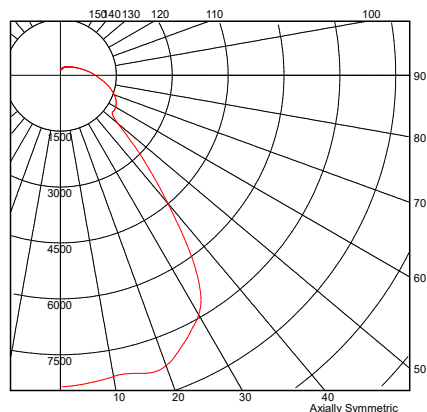
Photometric values based upon tests performed in compliance w/ LM-79.
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DHB-190WLED-UNIV-50-AD16

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	86.4 %
EFFICIENCY (Uplight):	13.6 %
CIE CLASSIFICATION:	SEMI-DIRECT
SPACING CRITERION (0-Deg.):	1.17
LUMENS:	21831.56
INPUT WATTS:	182.667

CANDELA PLOT



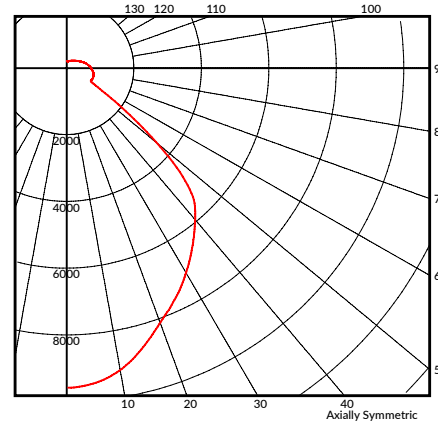
Photometric values based upon tests performed in compliance w/ LM-79.
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DHB-190WLED-UNIV-50-AD22

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	87.3 %
EFFICIENCY (Uplight):	12.7 %
CIE CLASSIFICATION:	SEMI-DIRECT
SPACING CRITERION (0-Deg.):	1.12
LUMENS:	21862.76
INPUT WATTS:	182.59

CANDELA PLOT



Photometric values based upon tests performed in compliance w/ LM-79.
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