Project Name:	Part Number:	Type:

DOMED HIGH BAY 2.0

DOMED HIGH BAY

407-478-3759
www.ilp-inc.com

FEATURES

- Round traditional high bay
- Cold-forged aluminum housing
- 14" aluminum reflector option
- 16" or 22" acrylic diffuser option
- Stainless steel hook for mounting (std.)
- Clear lens (std.)
- 6ft cord (std.)
- 0-10V Dimmable Driver (100% - 10%)
- 4000K and 5000K CCT
- IP65 Wet Location Rated
- 5 Year Warranty
- UL Listed for Wet Location
- DesignLights Consortium® Qualified Luminaire

No reflector

Shown with 16" Acrylic Diffuser

Shown with 14" Aluminum Reflector

SUITABLE APPLICATIONS

- Warehouses
- Distribution Centers
- Manufacturing Plants
- Gymnasiums

LED SYSTEMS INFO

	150W					200W				
		Standard	REFL90	AD16	AD22		Standard	REFL90	AD16	AD22
Calculated L_{70} (TM-21)		>100K	>100K	>100K	>100K		>100K	>100K	>100K	>100K
Delivered Lumens		20,521 lm	19,543 lm	20,656 lm	20,729 lm		27,749 lm	24,230 lm	25,010 lm	25,119 lm
Total Input Watts		148 W	156 W	154 W	154 W		201 W	195 W	193 W	193 W
Luminaire Efficacy Rating (LER)		139 lm/W	126 lm/W	134 lm/W	134 lm/W		138 lm/W	124 lm/W	130 lm/W	130 lm/W
Correlated Color Temperature (CCT)		5000K	5000K	5000K	5000K		5000K	5000K	5000K	5000K
Color Rendering Index (CRI)		>80	>80	>80	>80		>80	>80	>80	>80
Range Ambient Temperature		-40˚F-122˚F	-40˚F-130˚F	-40˚F-130˚F	-40˚F-130˚F		-40˚F-115˚F	-40˚F-115˚F	-40˚F-115˚F	-40˚F-115˚F
Universal Driver		120-277 V	120-277 V	120-277 V	120-277 V		120-277 V	120-277 V	120-277 V	120-277 V

LED System data above based on DHB-150WLED-UNIV-50, DHB-150WLED-UNIV-50-REFL90, DHB-150WLED-UNIV-50-AD16, DHB-150WLED-UNIV-50-AD22, DHB-200WLED-UNIV-50, DHB-200WLED-UNIV-50-REFL90, DHB-200WLED-UNIV-50-AD16, & DHB-200WLED-UNIV-50-AD22
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25˚C ambient.

ORDERING GUIDE:

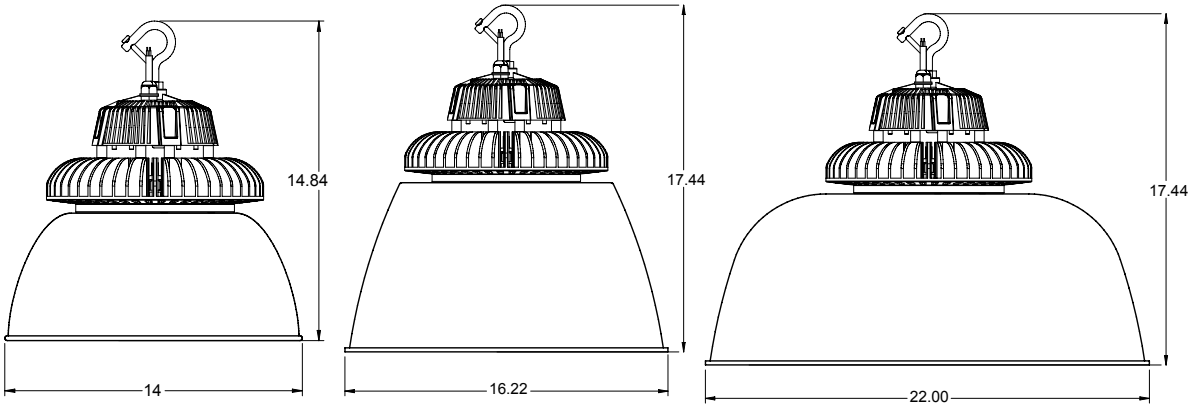
Series	Watts	Driver	Color	Options	
☐ **DHB** Domed High Bay 2.0	☐ **150WLED** ‡ ☐ **200WLED**	☐ UNIV 120-277 V Driver	☐ 50 ☐ 40	☐ **REFL90**	14" Aluminum Reflector
				☐ **AD16**	16" Frosted Acrylic Diffuser
				☐ **AD22**	22" Frosted Acrylic Diffuser
				☐ **CORDx** ** †	Cord (x = ft)
				☐ **CORD/6FT/5WIRE/600V****	6ft 5 wire cord with 3 leads attached to power & 2 leads attached to dimming (120V-277V)
				☐ **WC16**‡	16" Wire Cage
				☐ **WC22**‡	22" Wire Cage
				☐ **WLOS**	Wet Location Sensor Installed
				☐ **FIOS** †	On/Off Occupancy Sensor
				☐ **FMB**	Fixture Mounting Box
				☐ **HUB 3/4****	Conduit Hub 3/4" For Pendant Mounts
				☐ **HB-XX-LOOP**	Y-Toggle Cable System (XX = in)
				☐ **LEDBB** †	LED Battery Backup
				☐ **SD347** *†‡	347V Step Down Transformer
				☐ **SD480** *†‡	480V Step Down Transformer

† IP Rating does not apply
* Cannot be used with Battery Backup
**Must be used with FMB
‡ Does NOT Qualify for DLC

DOMED HIGH BAY 2.0

DOMED HIGH BAY

150W

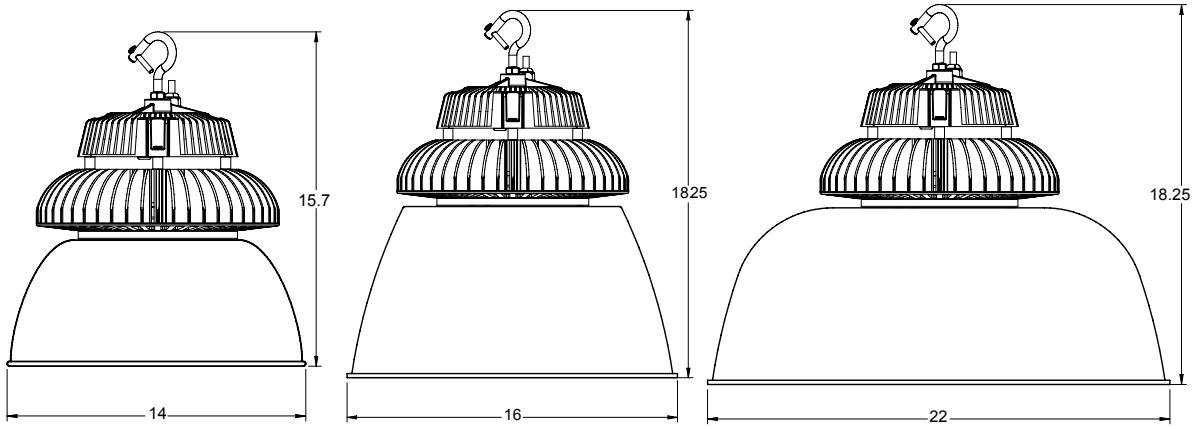


REFL90
14" Aluminum Reflector

AD16
16" Frosted Acrylic Diffuser

AD22
22" Frosted Acrylic Diffuser

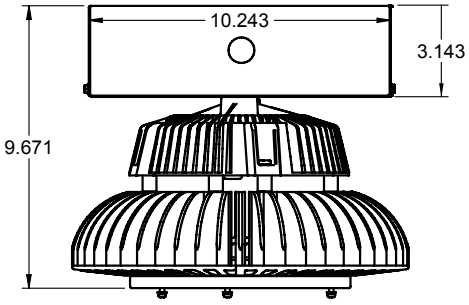
200W



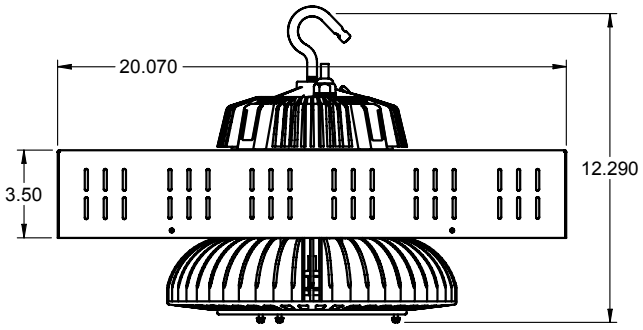
REFL90
14" Aluminum Reflector

AD16
16" Frosted Acrylic Diffuser

AD22
22" Frosted Acrylic Diffuser



SD480 Option Shown



LEDBB Option Shown

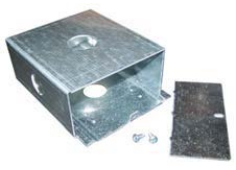
MOUNTING OPTIONS

- **HOOK** - Stainless steel hook for mounting (std)
- **Y-Toggle Cable Kit** - Includes two adjustable cable hangers
- **Conduit Hub** - Conduit hub ³/4" for pendant mounts
- **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).

HOOK

HB-XX-LOOP

HUB ³/4" CONDUIT



FMB

DOMED HIGH BAY 2.0 - 150W

DOMED HIGH BAY

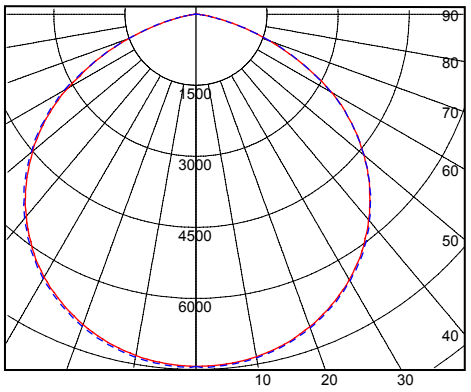
PHOTOMETRIC REPORTS

DHB-150WLED-UNIV-50

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	99.9 %
EFFICIENCY (Uplight):	0.1 %
CIE CLASSIFICATION:	DIRECT
LUMENS:	20519.5
INPUT WATTS:	148.1

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

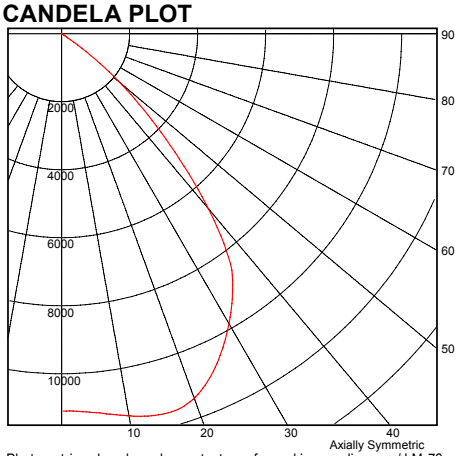
Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com

DHB-150WLED-UNIV-50-REFL90

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	100.0 %
EFFICIENCY (Uplight):	0.0 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION	1.22
LUMENS:	18607.35
INPUT WATTS:	154.6

CANDELA PLOT



Axially Symmetric

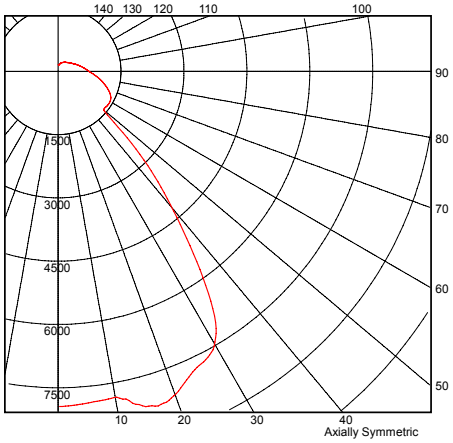
Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com

DHB-150WLED-UNIV-50-AD16

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	87.0 %
EFFICIENCY (Uplight):	13.0 %
CIE CLASSIFICATION:	SEMI-DIRECT
SPACING CRITERION	1.17
LUMENS:	19804.19
INPUT WATTS:	154.11

CANDELA PLOT



Axially Symmetric

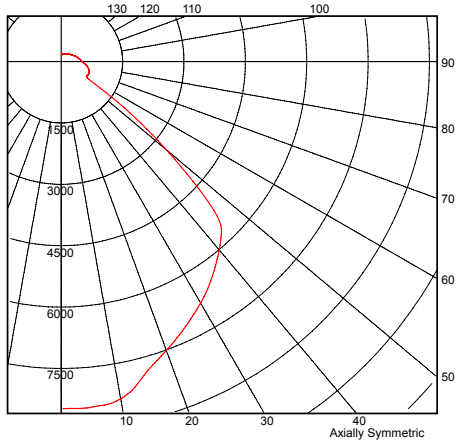
Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com

DHB-150WLED-UNIV-50-AD22

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	89.6 %
EFFICIENCY (Uplight):	10.4 %
CIE CLASSIFICATION:	SEMI-DIRECT
SPACING CRITERION	1.20
LUMENS:	19879.95
INPUT WATTS:	154.21

CANDELA PLOT



Axially Symmetric

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

DOMED HIGH BAY 2.0 - 200W

DOMED HIGH BAY

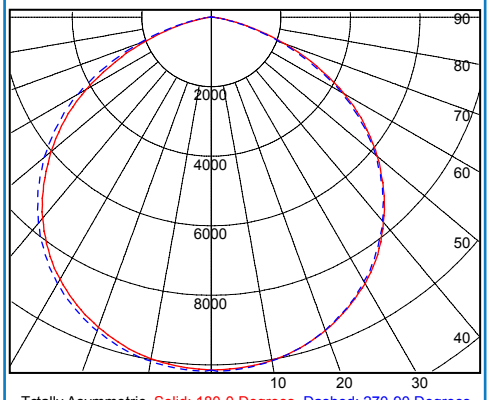
PHOTOMETRIC REPORTS

DHB-200WLED-UNIV-50

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	99.9 %
EFFICIENCY (Uplight):	0.1 %
CIE CLASSIFICATION:	DIRECT
LUMENS:	27746.9
INPUT WATTS:	200.5

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

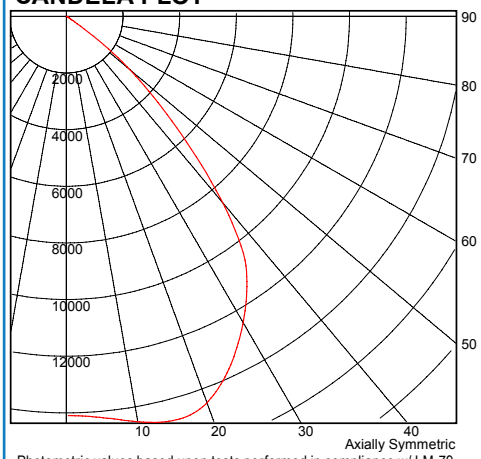
Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com

DHB-200WLED-UNIV-50-REFL90

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	99.9 %
EFFICIENCY (Uplight):	0.1 %
CIE CLASSIFICATION:	DIRECT
LUMENS:	20519.5
INPUT WATTS:	148.1

CANDELA PLOT



Axially Symmetric

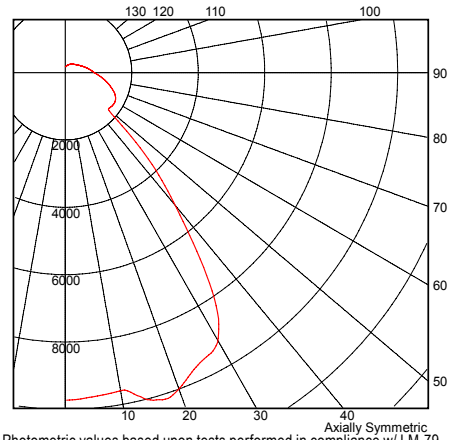
Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com

DHB-200WLED-UNIV-50-AD16

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	87.4 %
EFFICIENCY (Uplight):	12.6 %
CIE CLASSIFICATION:	SEMI-DIRECT
SPACING CRITERION	1.17
LUMENS:	24010.88
INPUT WATTS:	193.24

CANDELA PLOT



Axially Symmetric

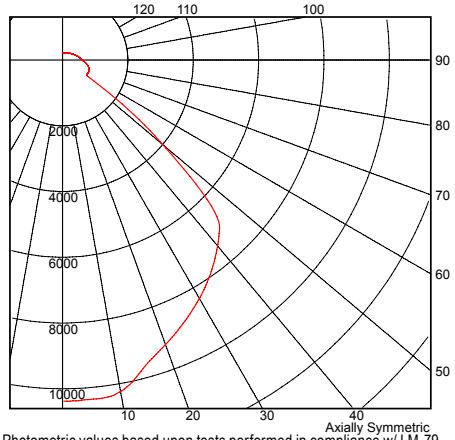
Photometric values based upon tests performed in compliance w/ LM-79.
Download IES files at www.ilp-inc.com

DHB-200WLED-UNIV-50-AD22

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	90.1 %
EFFICIENCY (Uplight):	9.9 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION	1.21
LUMENS:	24092.47
INPUT WATTS:	193.09

CANDELA PLOT



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