

Project Name:

Part Number:

Type:

HIMALAYAN HIGH BAY

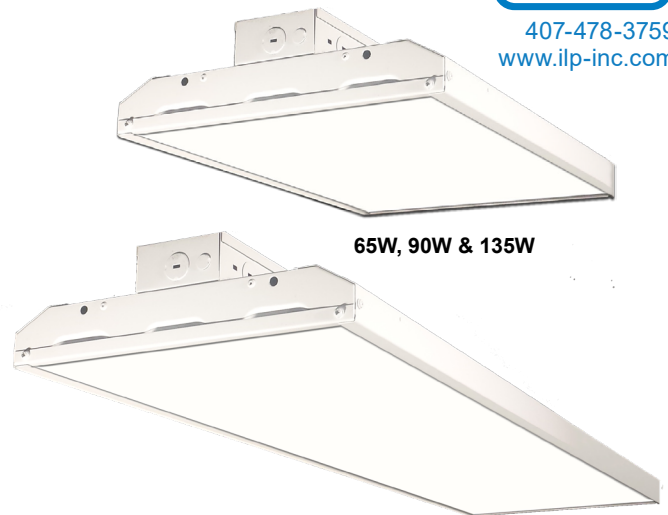
HIMALAYAN HIGH BAY



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

FEATURES

- 22 Ga Steel
- Post Painted White
- Impact resistant frosted lens (std.)
- 4000K & 5000K CCT
- Multiple Controls Options
- V-Clips Standard
- 0 - 10V Dimmable Driver (100% - 10%)
- 5 Year Warranty
- UL Rated for Damp Location
- DesignLights Consortium® Premium Qualified Luminaire



65W, 90W & 135W

178W, 265W, 321W & 425W

SUITABLE APPLICATIONS

- Gymnasiums
- Warehouses
- Manufacturing Plants
- Distribution Centers

LED SYSTEMS INFO

	65W	90W	135W	178W	265W	321W	425W
Calculated L ₇₀ (TM-21) Hours	>100K	>100K	>100K	>100K	>100K	>100K	>100K
Delivered Lumens	8,515 lm	11,790 lm	17,685 lm	23,318 lm	34,715 lm	42,512 lm	56,660 lm
Total Input Watts	65 W	90W	135W	178W	265W	318 W	421W
Luminaire Efficacy Rating (LER)	131 lm/W	131 lm/W	131 lm/W	131 lm/W	131 lm/W	134 lm/W	135 lm/W
Correlated Color Temperature (CCT)	5000K	5000K	5000K	5000K	5000K	5000K	5000K
Color Rendering Index (CRI)	>80	>80	>80	>80	>80	>80	>80
Ambient Temperature Range	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 115°F	-4°F - 105°F
Replaces Existing	3T8 / 2T5HO	250W MH / 4T8	400W MH / 6T8	400W MH / 6T5HO	8T5HO / 10T8	1000W MH / 10T5HO	1000W MH / 12T5HO

LED System data above based on HHB-65WLED-UNIV-50-FRL, HHB-90WLED-UNIV-50-FRL, HHB-135WLED-UNIV-50-FRL, HHB-178WLED-UNIV-50-FRL, HHB-265WLED-UNIV-50-FRL, HHB-321WLED-UNIV-50-FRL & HHB-425WLED-UNIV-50-FRL. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient.

ORDERING GUIDE:

Series	Watts	Driver	Color	Options	
HHB High Bay	65WLED	UNIV 120-277 V Driver	50	FRL	Frosted Acrylic Lens (std.)
	90WLED		40	PCL**	Clear Polycarbonate Lens .125"
	135WLED			WC**	11 Ga Wire Cage
	178WLED			FIOS	On/Off Occupancy Sensor
	265WLED			FIOS/PC	On/Off Occupancy Sensor w/ Photocell
	321WLED			FIOSPC/DLH	Daylight Harvesting w/ Motion & Photocell
	425WLED			USBD	User Select Bi-level Dim Sensor w/ Occ. Sensor
				BDxx	Preset Bi-level Dim Sensor (xx+% eg. 20,30)
				BDxxPC	Preset Bi-level Dim Sensor w/ Photocell
				DHPC	Daylight Harvesting
				ES/HB	EasySense Wireless Grouping High Bay Sensor
				ES/IR*	Easy Sense Commissioning IR Blaster
				ES/PCD*	Easy Sense Pre-programmed Control Device
				CORDx	Cord (x=ft)
				HB-XX-18Y-PAD	Toggle Cable System (xx=in)
				SMBKIT	Surface Mount Bracket Kit
				CPMB	Center Point Mounting Box (Requires HUB or HOOK)
				HOOK	Cast Iron Hook for single point mounting (Must use with CPMB)
				HUB 3/4 CONDUIT	Conduit Hub ¾" for pendant mounting (Must use with CPMB)
				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
				FI/ILBCP20†	20W LED Factory Installed Battery Backup
				SD480**	480V Step Down Transformer
				SD347**	347V Step Down Transformer
				HT‡	High Temperature Option (adds 10°F to standard fixture)

* One needed per project

**Options Do Not Qualify for DLC

† Not Available for 65W, 90W & 135W

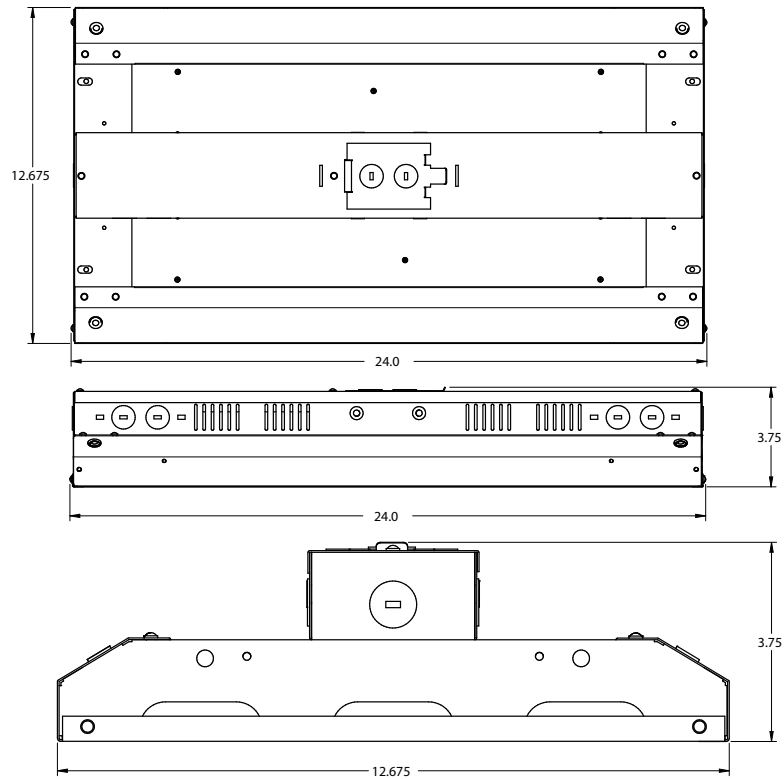
‡ Available for 321W & 425W only

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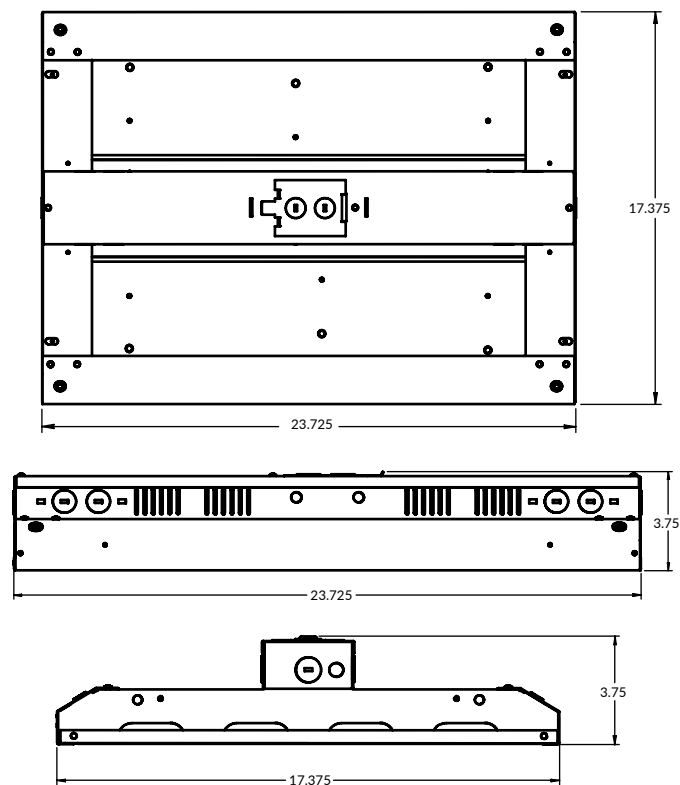
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LINE DRAWING

65W & 90W



135W

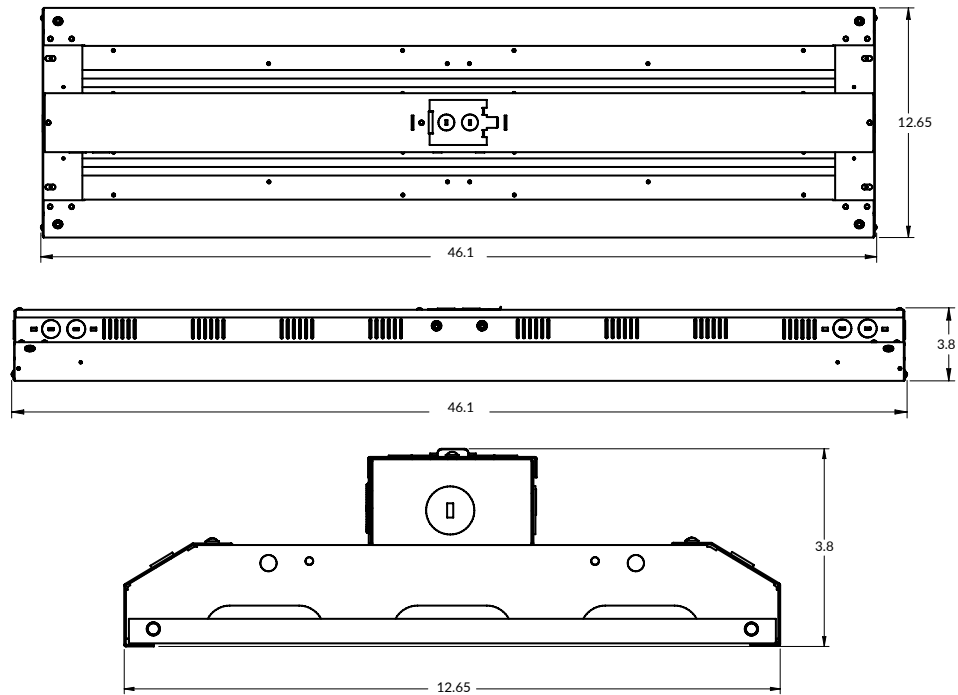


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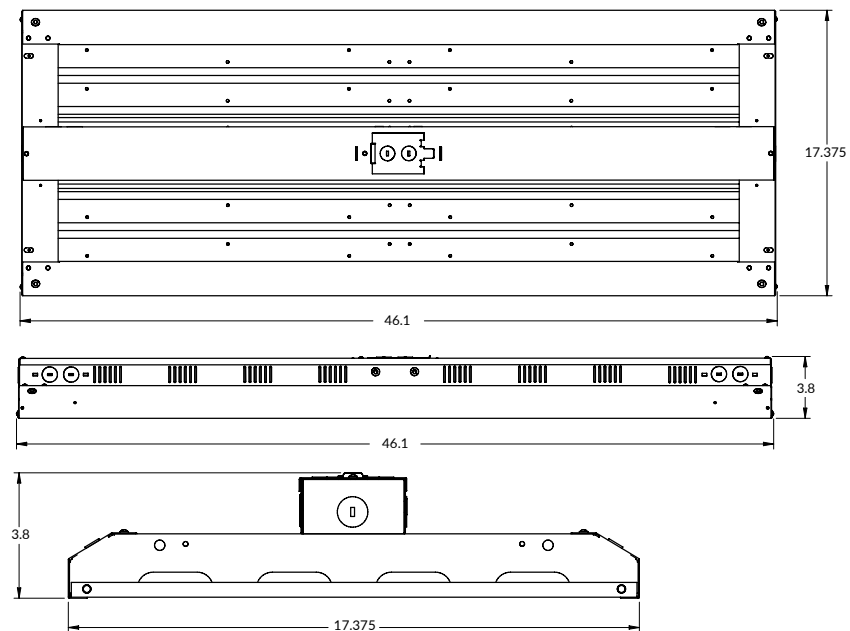
HIMALAYAN HIGH BAY

LINE DRAWING

178W



265W

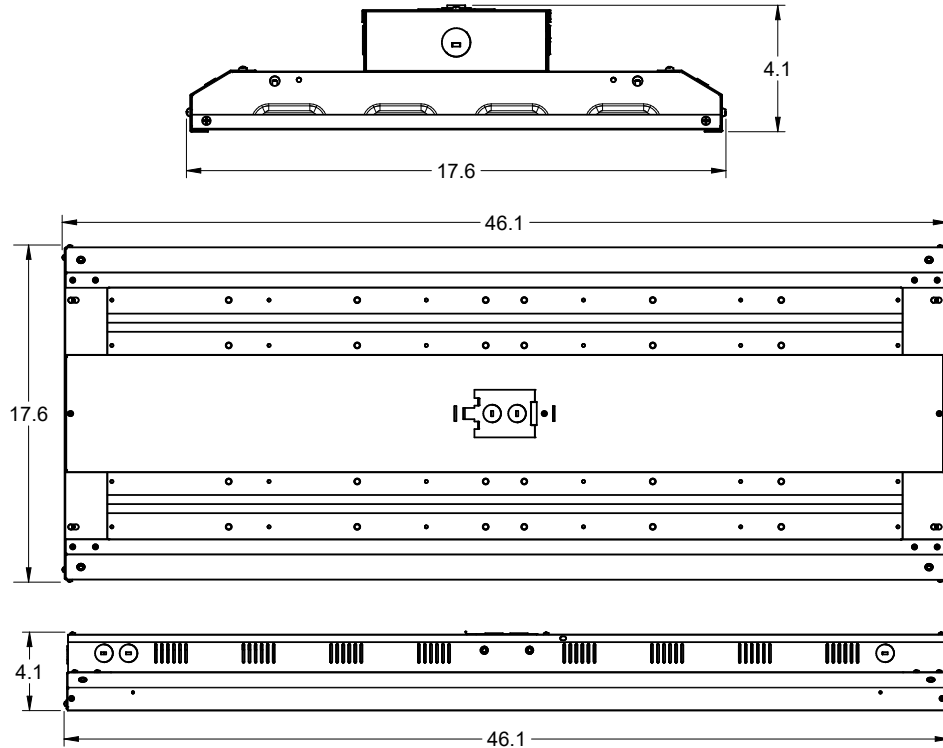


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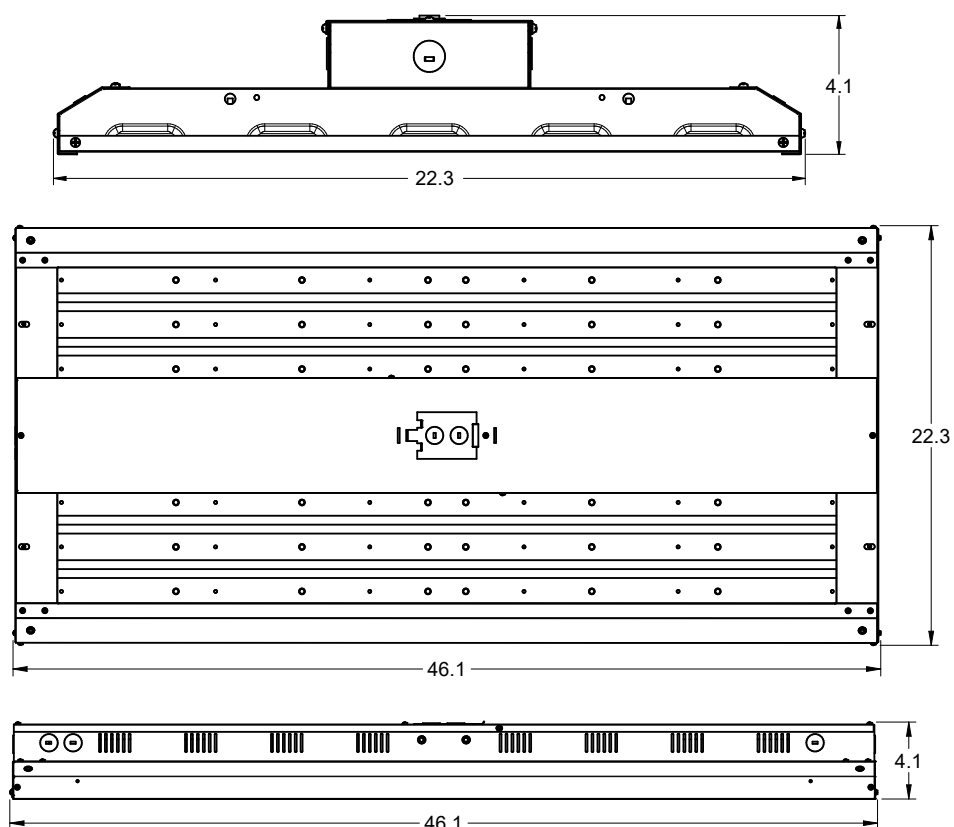
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LINE DRAWING

321W



425W

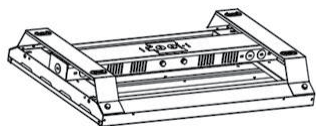


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MOUNTING OPTIONS

- **SMBKIT** - Surface Mount Bracket Kit. Provides a 2" space above the fixture.
- **HUB 3/4" CONDUIT** - Conduit Hub 3/4" for Pendant Mounting (Must use with CPMB)
- **HOOK** - Cast iron hook for Single Point Mounting (Must use with CPMB)
- **CPMB** - Center Point Mounting Box for single point mounting (requires HUB or HOOK)
- **HB-XX-18Y-PAD** - Includes two adjustable Y-Paddle cable hangers (60", 120", or 180")



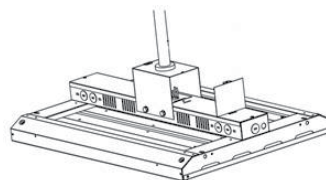
SMBKIT



HUB 3/4" CONDUIT



HOOK



CPMB



HB-XX-18Y-PAD

PHOTOMETRIC REPORTS

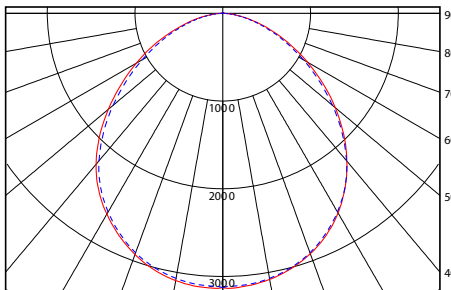
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

HHB-65WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	99.7%
EFFICIENCY (Uplight):	0.3%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	8053.017
INPUT WATTS:	62.9

PLANE AND CONE DIAGRAM



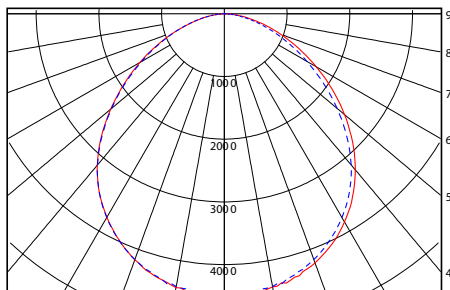
Totally Asy mmetric Solid: 180-0 Degrees Das hed: 270-90 Degrees

HHB-90WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	11548.23
INPUT WATTS:	88.6

PLANE AND CONE DIAGRAM



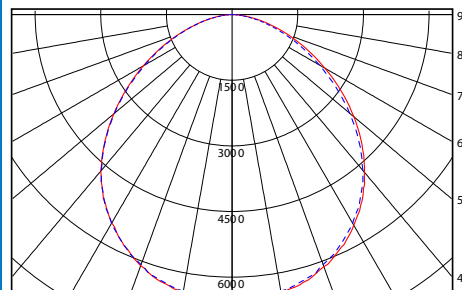
Totally Asy mmetric Solid: 180-0 Degrees Das hed: 270-90 Degrees

HHB-135WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	17014.83
INPUT WATTS:	132.1

PLANE AND CONE DIAGRAM



Totally Asy mmetric Solid: 180-0 Degrees Das hed: 270-90 Degrees

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PHOTOMETRIC REPORTS

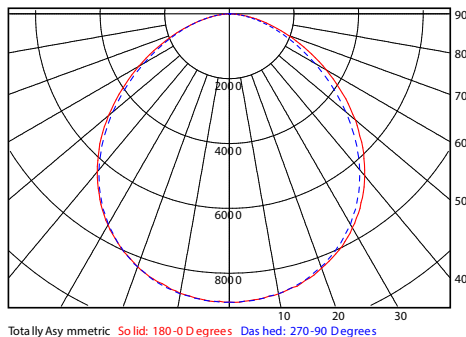
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

HHB-178WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	23220.44
INPUT WATTS:	176.9

PLANE AND CONE DIAGRAM

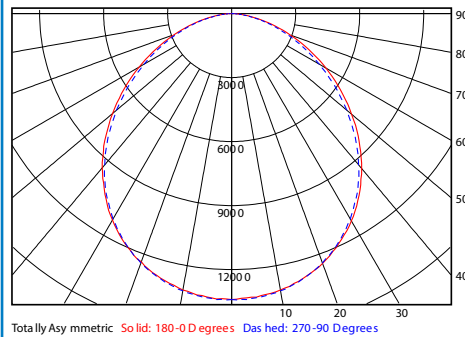


HHB-265WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	34789.05
INPUT WATTS:	266.1

PLANE AND CONE DIAGRAM

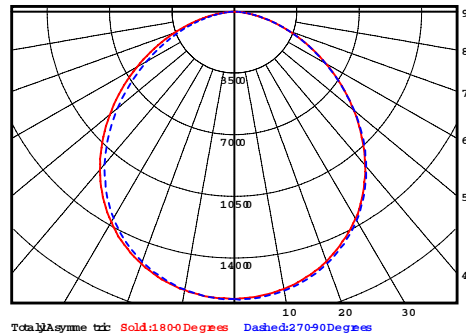


HHB-321WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	42674.31
INPUT WATTS:	318.2

PLANE AND CONE DIAGRAM



HHB-425WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0%
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	56661.9
INPUT WATTS:	421.1

PLANE AND CONE DIAGRAM

