

COMMERCIAL HIGH BAY



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

FEATURES

- Aluminum body
- Tool-less hinged bottom ballast access door
- Frosted acrylic or polycarbonate lens options
- Riveted construction and vented ballast channel
- V-Clips for dual point chain or cable hanging (std)
- Multiple dimming & sensor options to fully control occupied and unoccupied light levels
- 3000K, 3500K, 4000K and 5000K color options
- 0-10V Dimmable Driver (100% - 5%)
- 120V-277V Universal Voltage
- 5 year warranty
- ETL Damp listed
- DesignLights Consortium® Premium Qualified Luminaire

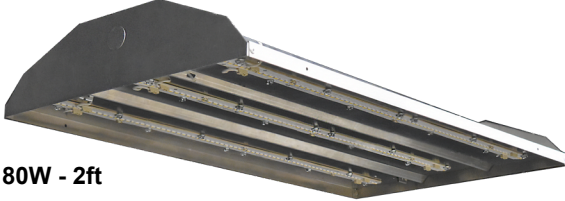


CHB 120W - 4ft



SUITABLE APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Gymnasium



CHB 80W - 2ft

LED SYSTEMS INFO	80W	80W FRL	120W	120W FRL	170W	170W FRL
L ₇₀	>100K	>100K	>100K	>100K	>100K	>100K
Delivered Lumens	12,400 lm	10,621 lm	17,840 lm	14,675 lm	25,184 lm	21,327 lm
Watts	84 W	84 W	118 W	118 W	170 W	169 W
LER	147 lm/W	126 lm/W	151 lm/W	124 lm/W	148 lm/W	126 lm/W
CCT	5000K	5000K	5000K	5000K	5000K	5000K
CRI	>80	>80	>80	>80	>80	>80
Ambient Temp Range	-40°F - 120°F	-40°F - 120°F	-40°F - 135°F	-40°F - 135°F	-40°F - 120°F	-40°F - 120°F

LED System data above based on CHB-80WLED-UNIV-50, CHB-80WLED-UNIV-50-FRL, CHB-120WLED-UNIV-50, CHB-120WLED-UNIV-50-FRL, CHB-170WLED-UNIV-50, & CHB-170WLED-UNIV-50-FRL.
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient.

ORDERING GUIDE:

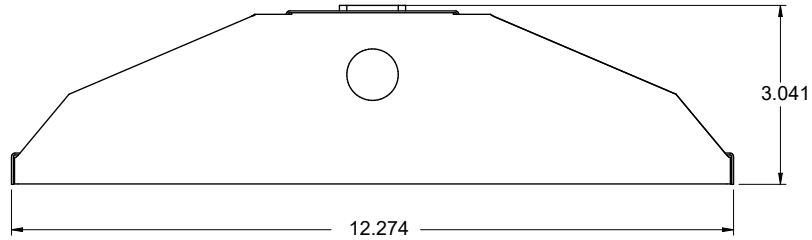
Series	Watts	Driver	Color	Options	
CHB High Bay 2ft	80WLED	UNIV120-277V Driver	50	FRL**	Frosted Acrylic Lens
			40	PCL*	Impact Resistant Clear Polycarbonate Lens 0.125"
			35	WC*	Wire Cage
			30	CORDx	Cord (x = ft)
				QDCx	Quick Disconnect Cord (x=ft)
CHB High Bay 4ft	120WLED 170WLED	UNIV120-277V Driver		USB	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
				DHPC	Daylight Harvesting
				FIOS	On/Off Occupancy Sensor Installed
				FIOS/PC/DLH	On/Off Occupancy Sensor w/ Daylight Harvesting
				ES	EasySense Control
				ES/PCD	Pre-installed app on controlled device for commissioning
				ES/HB	EasySense High Bay Control
				ES/IR†	EasySense Commissioning IR Blaster
				HB-XX-18Y-PAD	Y-Toggle Cable System (XX = in)
				SMBZKIT	Surface Mount Bracket Kit
				FMB	Fixture Mounting Box
				HUB 3/4	Conduit Hub 3/4" for Pendant Mounts
				HOOK	Cast Iron Hook for Single Point Mounting
	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			
	SD347*	347V Step Down Transformer			
	SD480*	480V Step Down Transformer			

WHIP/6FT/5WIRE/600V 6ft 5 Wire MC Cable Whip, 3 leads attached to power, 2 leads attached to dimming

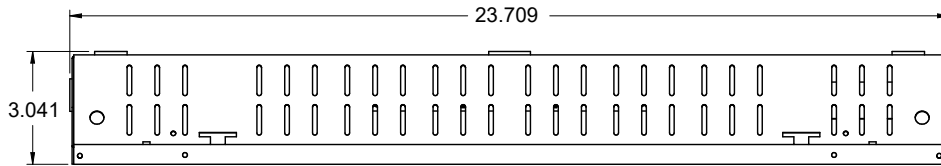
* Not listed on DLC
** DLC Standard
† One needed per project

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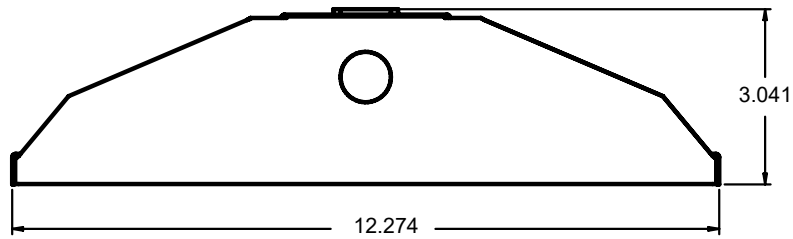
LINE DRAWING



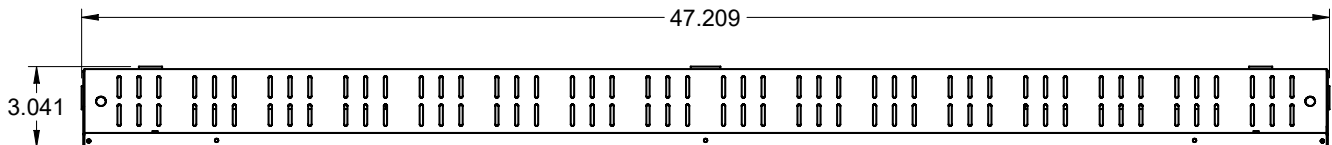
80W End View



80W Side View



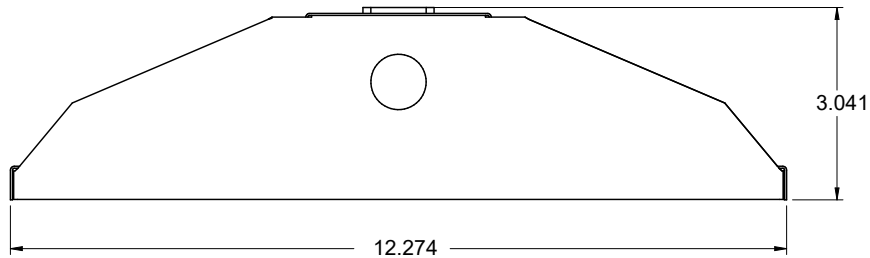
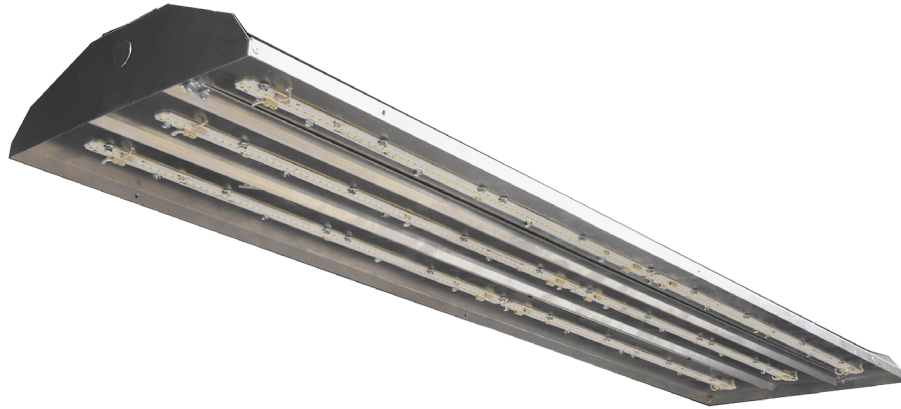
120W End View



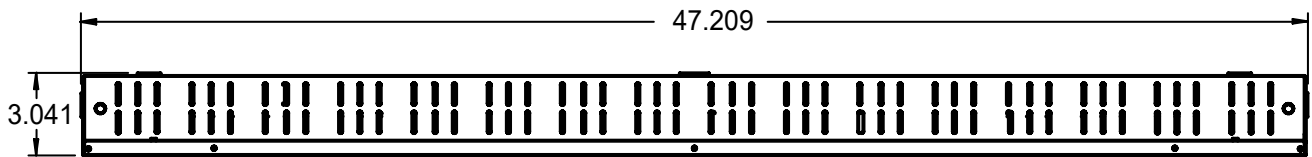
120W Side View

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LINE DRAWING



170W End View



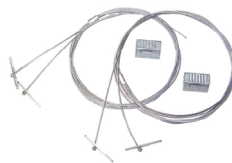
170W Side View

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.
- **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).
- **HUB 3/4"** - Conduit Hub 3/4" for Pendant Mounting
- **HOOK** - Cast iron hook for Single Point Mounting



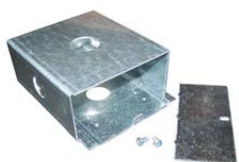
V-CLIPS



HB-XX-PAD



SMBZKIT



FMB



HUB 3/4" CONDUIT

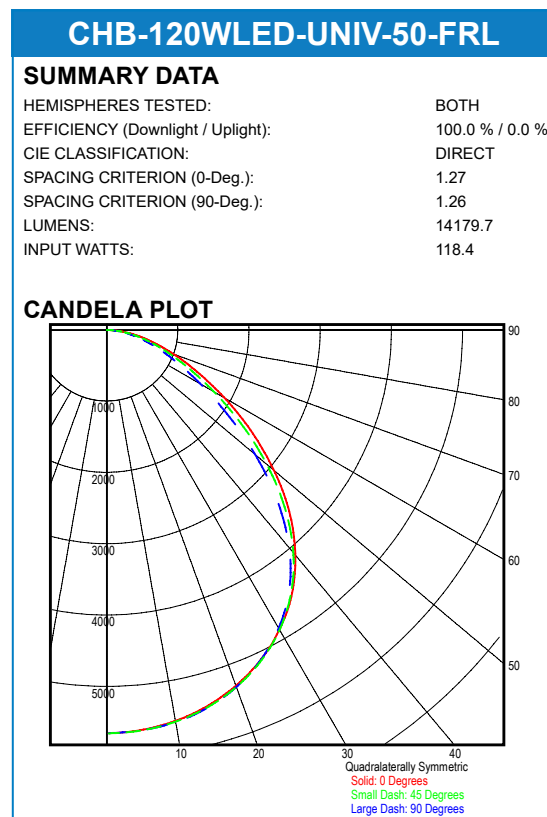
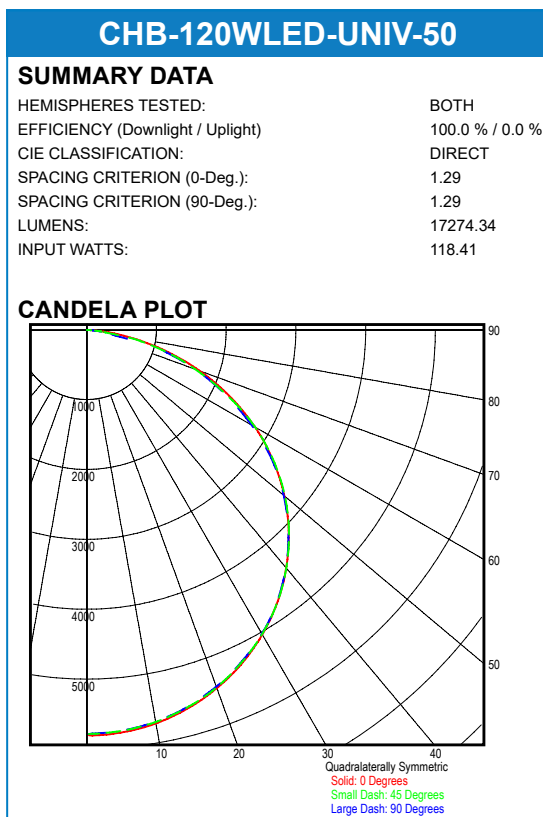
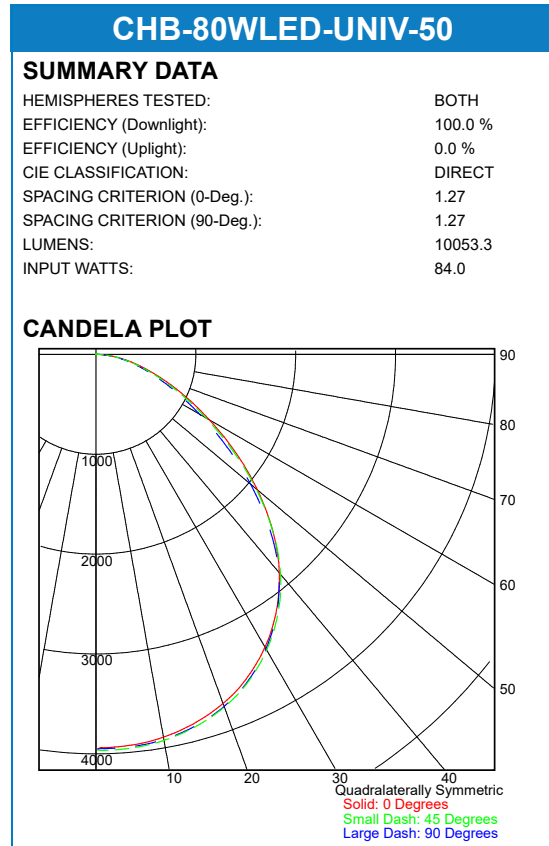
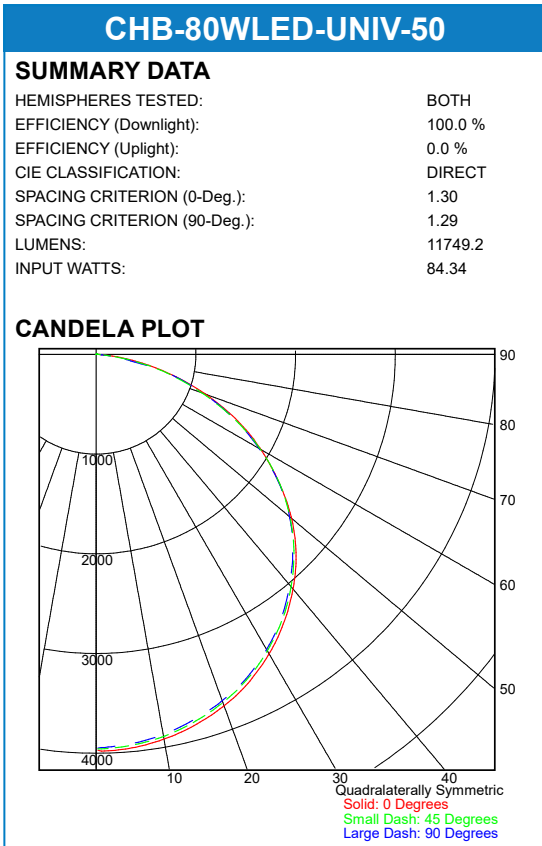


HOOK

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PHOTOMETRIC REPORTS

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



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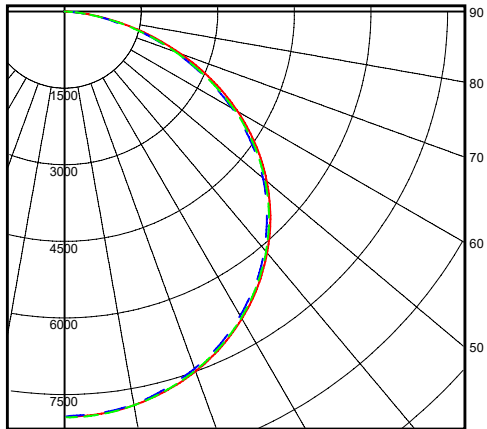
Photometric values based upon tests performed in compliance w/ LM-79. Download IES files at www.ilp-inc.com

CHB-170WLED-UNIV-50

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	100.0 %
EFFICIENCY (Uplight):	0.0 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.30
SPACING CRITERION (90-Deg.):	1.29
LUMENS:	23826.18
INPUT WATTS:	169.84

CANDELA PLOT



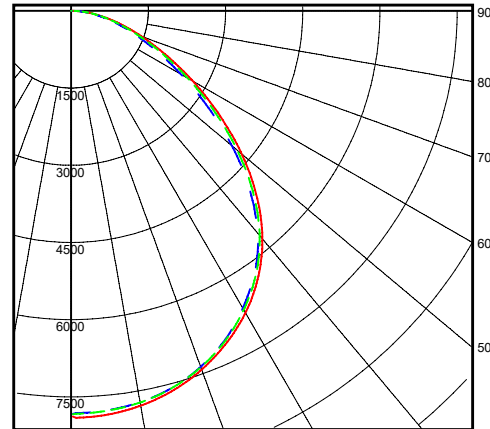
Quadrilaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees

CHB-170WLED-UNIV-50-FRL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	100.0 %
EFFICIENCY (Uplight):	0.0 %
CIE CLASSIFICATION:	DIRECT
SPACING CRITERION (0-Deg.):	1.28
SPACING CRITERION (90-Deg.):	1.26
LUMENS:	20187.31
INPUT WATTS:	169.45

CANDELA PLOT



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