INDOOR

tgs

Date:	
Project Name:	
Sku #:	

CHB-E™

Circular Select High Bay

Power Selectable

APPLICATIONS

Commercial and Industrial

FEATURES

Construction

- Die-cast Aluminum Alloy Housing

Finish

- Black
- White

Electrical & Technical

- Input Voltage: 100-277V
- Input Frequency: 50/60Hz
- Projected Life: L70 > 54,000 hrs
- Power Cord Length: 6' [Standard]
- PF: >0.95
- CRI: 80
- THD: <20%
- Adjustable Lument Output
- CCT: 4000K or 5000K
- Operating Temp.: -22°F~122°F
- IP Rating: IP65
- IK Rating: IK08
- UGR Level: 26
- Surge Protection: 4kV
- 60W Emergency Inverter [Option]

Optical

- PC Optical Lens
- Beam Angle:
  - 120°[Standard]
  - 90°
  - 60°
- PC Reflectors [Option]
- Aluminum Reflectors [Option]
- Wire Guard [Option]

Installation/Mounting

- Loop Mount [Standard] [Chain Not Provided]
- Surface Mount Bracket [Option]
- Pendant Mount [¾" NPT]
- Safety Chain Length:19.685" [Option]

Controls

- 0-10V Dimming [Dims to10%]
- Bi-level Occupancy/Daylight Harvesting Sensor IP65 [Option]

Lumen Output

- 200W: 28,000lm

Warranty

- 5 Year Warranty
- 7/10 Year Warranty Available. See warranty documentation for more information.

IP65 IK08 Intertek

ORDERING INFORMATION

EXAMPLE: CHB-E-L-40-WD-U-D-B-LM

CHB-E

Series	Wattage	CCT	Beam Angle	Input Voltage	Dimming	Finish	Mounting Option	Controls Option
CHB-E	L - 200W/150W/120W/100W	40 - 4000K 50 - 5000K	WD - 120°	U - 100-277V	D - 0-10V Dimming	B - Black W - White	LM - Loop Mount SM - Surface Mount PM - Pendant Mount ¾"	M - Bi-level Occupany /Daylight Harvesting Sensor [IP65]

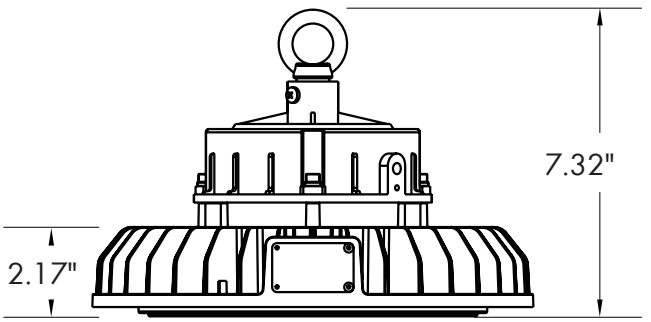
Accessories	Distribution Options
TGS-60W-HB-INT (60W Emergency Inverter) SAFETY-SC (Safety Chain) CHB-E-L-WG-B (Wire Guard - Black) CHB-E-L-WG-W (Wire Guard - White)	CHB-E-L-AM (Aluminum Reflector [80°]) CHB-E-L-PM (PC Reflector [100°]) CHB-E-L-MD (Medium Distribution Optic [90°]) CHB-E-L-ND (Narrow Distribution Optic [60°]) CHB-E-L-LC (Lens Cover For PC Reflector [90°])

9601 Variel Ave, Chatsworth, CA 91311
(818) - 206 - 4404

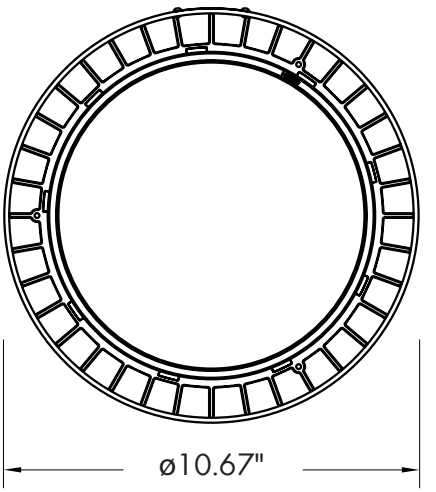
Specifications & dimensions subject to change without notice.
*MOQ & longer lead times may apply, please contact customer service for more information.

DIMENSIONS

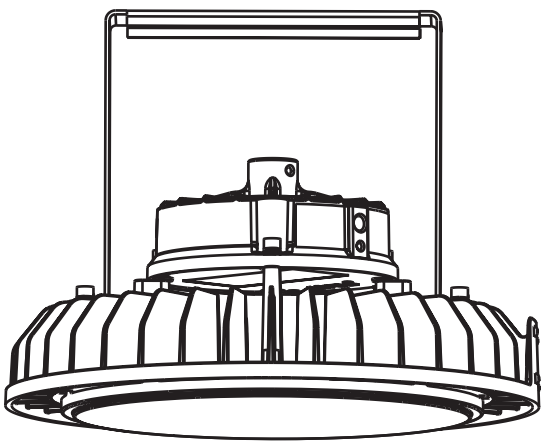
Loop Mount

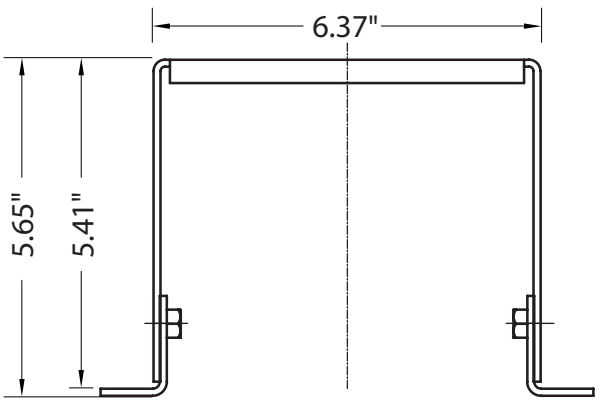


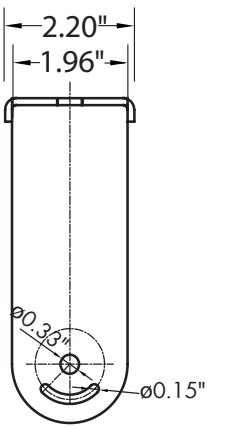
Weight: 7 lb.

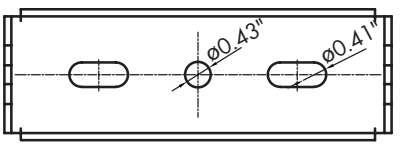


Surface Mount









LUMEN OUTPUT

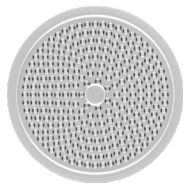
SKU	Wattage (W)	Delivered Lumens (lm) 100%	Efficacy (lm/W)	Delivered Lumens (lm) 75%	Efficacy (lm/W)	Delivered Lumens (lm) 60%	Efficacy (lm/W)	Delivered Lumens (lm) 50%	Efficacy (lm/W)
CHB-E-L-50-WD-U-D-HM-X	200/150/120/100	28000	140	21000	140	16800	140	14000	140

ACCESSORIES

Loop Mount
(Chain Not Included)
(Standard)
[LM]

Surface Mount
(Tilt 30°)
(Option)
[SM]

Pendant Mount
[¾" NPT]
(Option)
[PM]



90° or 60° Optic Lens
(Option)
[CHB-E-L-MD]
[CHB-E-L-ND]

80° Aluminum Reflector
(Option)
[CHB-E-L-AM]

100° PC Reflector
(Option)
[CHB-E-L-PM]

PC Reflector
Lens Cover
(Option)
[Turns PC Reflector 90°]
[CHB-E-L-LC]

60W
Emergency
Battery Backup
(Option)
[TGS-60W-HB-INT]

Bi-level Occupancy/
Daylight Harvesting
Sensor [IP65]
[M]

Safety Chain
[19.685"]
(Option)
[SAFETY-SC]

Wire Guard
(Option)
[CHB-E-L-WG-B]
[CHB-E-L-WG-W]

CONTROL PRE-COMMISSIONING

Default setting are indicated by*

High-End Trim/ Tuning	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
20% - 8' Height (48' Dia.)	10s	**Light Sensor Disabled***	0%	∞
50% - 20' Height (40' Dia.)	1min	1FC (10lux)	**10%***	1min
75% - 40' Height (60' Dia.)	**10min***	3FC (30lux)	30%	30min
100% - 40' Height (100' Dia.)*	15min	5FC (50lux)	50%	**60min***

High-End Trim/Tuning:
Setting that determines the maximum lumen output through high-end trim tuning, can be reduced by up to 30 percent.

Sensitivity Range:
Setting that determines the sensitivity range of the motion sensor when the daylight sensor is disabled.

Time Delay:
The light can be set to stay ON for any period of time between approx. 10 sec. to a maximum of 60 min.
Any movement detected before this time elapse will re-start the timer.

Daylight Harvesting:
The chosen light response threshold can be disabled or respond when photocell detects foot candle levels 1-5 FC

Stand-by Light Level:
Setting determines how much lumen output is dimmed down to when no motion is detected.

Stand-by Time:
Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.