ABOVE ALL
www.AboveAllLighting.com

Project Name_____
Product Code_____
SKU No._____
Memo_____
Data_____

GEN.2 LED UFO HIGH BAY

CONTRACTOR & DISTRIBUTOR SELECT

c(UL)us LISTED

LIMITED WARRANTY 5 YEAR

IK10

RoHS COMPLIANCE

PRODUCT DESCRIPTION

The GEN.2 LED UFO High Bay Light is for workshop, warehouse, indoor stadium and other industrial applications. It is an ideal replacement for Induction lamp, metal halide or HID lamp, pure aluminum heat sink enables the lumen efficacy higher with excellent thermal management in one-piece structure by die-casting technology.

FEATURE

- Compact die-casting aluminum body design
- 60 and 90 degree reflector for option
- Microwave Motion Sensor available
- 347/480V for option
- Cold temperature rated

ELECTRICAL SYSTEM

- Input Voltage: 120-277V,347/480V , 50/60Hz
- Minimum ambient -40˚F, maximum ambient 104˚F
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

PERFORMANCE

CRI

80

CCT

4000K, 5000K

Dimming

1-10V Dimming Standard

Projected Lifetime

L70 - 100,000 Hours

Working Temperature

-40-104˚F (-40-40˚C)

Certifications

- **cULus Listed**
- **IP65 rated**
- **RoHS compliant**

SPECIFICATION
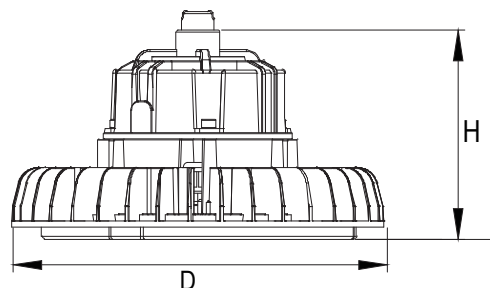
100W
Diameter: 10.23''
Height: 5.33''

150W/200W
Diameter: 10.23''
Height: 5.90''

240W
Diameter: 12.60''
Height: 5.53''

H

D

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved

866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

, 1

Ordering Information   Example: HBG2-100501

Series	-	Watts	CCT	Voltage	-	Controls	-	Installation	-	Distribution	-	Options
HBG2	-	**100** -100 Watts **150** -150 Watts **200** -200 Watts **240** -240 Watts	**40** - 4000K **50** - 5000K	**1** -120-277VAC **6** -347/480VAC	-	**Blank** - No Controls Order and Shipped Separately[1] MSW-JBOX	-	**Blank**-Hook Order and Shipped Separately[1] HBG2-P1 HBG2-P2 HBG2-TR	-	**Blank**-120° Order and Shipped Separately[1] HBG2-AL60 HBG2-AL90 HBG2-PC60	-	**Blank** - Glass Clear Lens[2] **PCL**-Polycarbonate Clear Lens[2] **PFL**-Polycarbonate Frosted lens[2]

Notice:

1. Order and shipped separately as accessory. More detials in the following accessory table.
2. Glass clear lens is standard. For PFL and PCL please ask Customer Service for MOQ and lead time.
*   Fixture comes with a 10" cord, if a longer cord is required, must purchase 10Ft Extension Cord separately.

Accessories (Ordered separately)
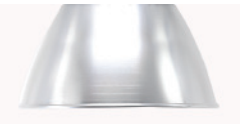
HBG2-AL60

60 degree aluminum reflector for HBG2

HBG2-AL90

90 degree aluminum reflector for HBG2

HBG2-PC60

60 degree polycarbonate reflector for HBG2

HBG2-P1

3/4'' pendant adapter for 100W/150W/200W HBG2

HBG2-P2

3/4'' pendant adapter for 240W HBG2

MSW-JBOX

Microwave motion sensor with junction box

HBG2-TR

Trunnion Mount Bracket

10 feet extension wire cord

Notice: Regarding 3/4'' pendant adaptor, please check with Customer Service for MOQ and lead time.

WITH sensor

WITH 60D aluminum reflector

WITH 60D polycarbonate reflector

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved

866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com
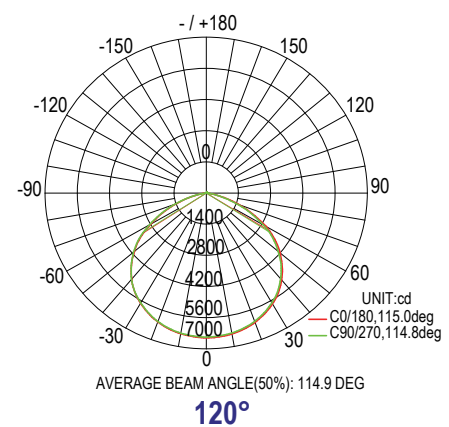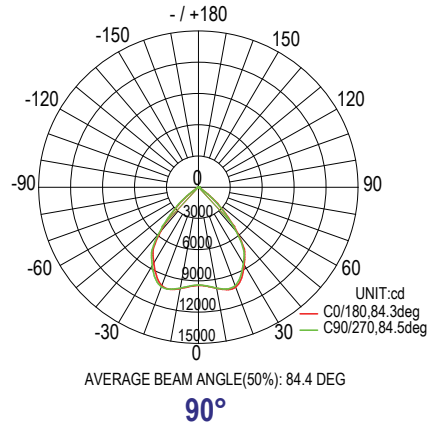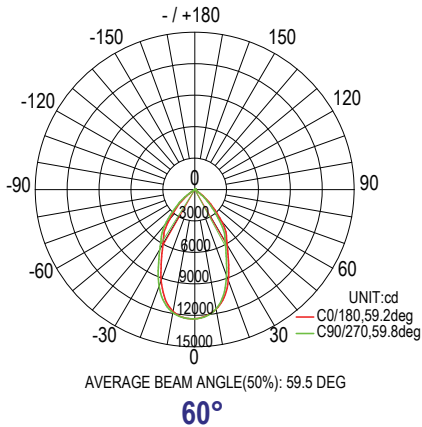
2

INSTALLATION

Hook Mount

Stem Pendent Mount

Trunnion Mount

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

UNIT:cd
— C0/180,59.2deg
— C90/270,59.8deg

AVERAGE BEAM ANGLE(50%): 59.5 DEG
60°

UNIT:cd
— C0/180,84.3deg
— C90/270,84.5deg

AVERAGE BEAM ANGLE(50%): 84.4 DEG
90°

UNIT:cd
— C0/180,115.0deg
— C90/270,114.8deg

AVERAGE BEAM ANGLE(50%): 114.9 DEG
120°

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Watts	Measured Watts	Lumen Output	AC Input 120V	CRI	CCT	LPW
100W	100W	13600	0.83A	>80	5000K	**136**
150W	145W	20000	1.20A	>80	5000K	**138**
200W	200W	26800	1.67A	>80	5000K	**134**
240W	236W	30680	1.97A	>80	5000K	**130**

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved

866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

3

MOTION SENSOR

Motion Sensor (MS) Option

1. Microware Motion Sensor

2. 3 Step dimming function, 100% --Low Light--off

3. Wide detection area, range up to 16m (52.4ft) in diameter and mounting height 15m(49.2ft) max

Notes:

To guarantee normal operation, the recommended mounting height is 12m (40ft) Max.
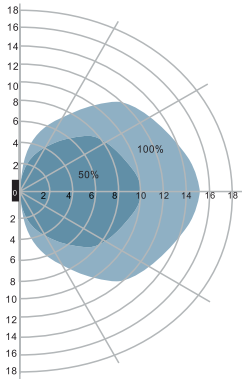
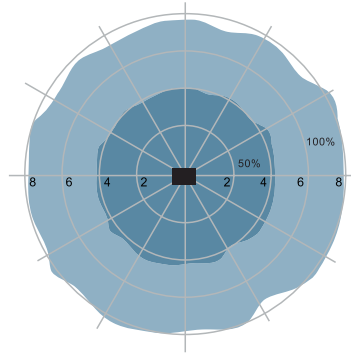| Max.8M **(26.2ft)**	Hold Time 5s~30min	Mounting Height 15m Max. **(49.2ft)**	Automatic Dimming

DETECTION PATTERN

Wall mounting pattern (Unit: m)   Ceiling mounting pattern (Unit: m)

MSW DIP SWITCH SETTING

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.
The sensor can not be installed in the room of long-time vibration because the vibration signal will be regarded as the moving signal to trigger sensor.

ON	1		
	I	ON	100%
	II	–	50%

Detection area
Detection area can be reduced by selecting the combination on the DIP switches to fit precissly each application.
Factory Setting: 100%

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved

866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

4

		2	3	4	
ON	I	ON	ON	ON	5S
	II	—	ON	ON	30s
	III	ON	—	ON	90s
	IV	—	—	ON	3min
	V	ON	ON	—	20min
	VI	—	—	—	30min

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.
Factory Setting: 3min

		5	6	7	
ON	I	ON	ON	ON	+∞
	II	—	ON	ON	60min
	III	ON	—	ON	30min
	IV	—	—	ON	10min
	V	ON	ON	—	5min
	VI	—	—	—	5s

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.
Factory Setting: 10min

		8	9	
ON	I	ON	ON	50%
	II	—	ON	30%
	III	ON	—	20%
	IV	—	—	10%

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.
Factory Setting: 20%

		10	11	12	
ON	I	ON	ON	ON	Disable
	II	—	ON	—	200lux
	III	ON	—	—	100lux
	IV	—	—	—	50lux

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.
When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.
200lux: twilight operation, 50lux, 30lux: darkness operation only.
Note that daylight sensor is active only when lamp totally switches off.
Factory Setting: Disable

Warranty

Five year limited warranty is based on the maximum working temperature of 77˚F.

Note:

Specifications subject to change without notice.

866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com