

LUNABAY2 SERIES DECORATIVE LED HIGH BAY



HUBBELL
Industrial Lighting

CAT.#	APPROVALS
JOB	TYPE

SPECIFICATIONS

Applications -

The Hubbell Industrial LUNABAY™2 LED High Bay is specifically designed for retail, gyms and industrial spaces that are difficult to light.

Construction -

- High performance LED design delivering up to 128 lumens per watt
- Drivers include 2.5kV surge protection
- ¾" hub for pendant or hook/loop mounting

Optics/Electrical System -

- Consistent color by fixture design
- Low glare
- Smooth, even distribution
- Uplight component varies by refractor (see photometry reports)
- Up to 22,638 lumens

LED Light Engine -

- Mid-Power LEDs
- L70 at 60,000 hours, L80 at 41,000 hours, and L90 at 19,000 hours (reported)
- 2700°K, 3000°K, 3500°K and 4000°K @ 80CRI
- 5000°K @ 70CRI

LED Driver -

- 120V-277V Universal Voltage Drivers
- 347V available
- Dimming to 1% capable with 0 to 10V control
- Power factor greater than 0.90

Ambient Operating Temperature -

- -40 °C to 35 °C

Listings -

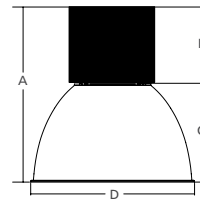
- CSA damp location listed

Warranty -

- Five years from date of purchase



DIMENSIONS



LBX2	A	B	C	D
	22"	8"	14"	23"



ORDERING INFORMATION

ORDERING EXAMPLE: LBX2-MO-U-4K-A2-CD1-PS-WA22

LBX2	-		-		-	A2	-		-		-			
Series		Output		Voltage		Color Temp		Mount		Dimming		Color	Optics	Options

SERIES

LBX2	Lunabay™2 LED High Bay
------	------------------------

OUTPUT

LO	Low Output
MO	Medium Output
HO	High Output

VOLTAGE

U	Universal Voltage 120 - 277V
1	120V
2	208V
3	240V
4	277V
F	347V

Note: Use specific voltages only when fusing or cord with plug are being specified.

COLOR TEMPERATURE

27K	2700° Kelvin - 80 CRI
3K	3000° Kelvin - 80 CRI
35K	3500° Kelvin - 80 CRI
4K	4000° Kelvin - 80 CRI
5K	5000° Kelvin - 70 CRI

MOUNT/HUB

A2	Pendant ¾"
----	------------

DIMMING

ND	Non Dimming
CD1	Continuous Dimming to 1%

COLOR

BL	Black
GR	Grey
WH	White
RD	Red
FG	Forest Green
PS	Platinum Silver
DB	Dark Bronze

Note: Custom colors available on request. Please consult factory for details.

OPTICS

WA22	22" Wide acrylic refractor
WW22	22" Wide translucent acrylic reflector
SB22	22" Suspended bead reflector
AL23	23" Aluminum reflector

OPTIONS

F(x²)	Fusing
SCD	No light output when dimmed/On/Off control
SC50	50% light output when dimmed/50% energy savings
C(x¹)HL	Cord
C(x¹)HLP(x²)	Cord, Hook/Loop, and Plug [Twist Lock]
15A	15 Amp Plug
20A	20 Amp Plug
TLR(x¹)	Top Luminaire Retainer

Notes:

1. 4-4' Cord, 6-6' Cord, 8-8' Cord, 10-10' Cord, 12-12' Cord
2. Plug 1-120V, 2-208V, 3-240V, 4-277V
3. Fusing 1-120V, 2-208V, 3-240V, 4-277V, FF-347V
4. TLR[x] = 6, 10, 12, 16

ACCESSORIES

WG23A	Wire Guard
-------	------------

ELECTRICAL DATA

OUTPUT	FIXTURE DRIVER CURRENT [mA]	# OF DRIVERS	INPUT VOLTAGE	FIXTURE CURRENT (AMPS)	SYSTEM POWER [W]	AMBIENT OPERATING TEMP [°C]	DIMMING RANGE
LO	1240 mA	2	120	0.861	102	-40°C to 35°C	100% to 1%
			208	0.496			
			240	0.433			
			277	0.379			
			347	0.293			
MO	1240 mA	3	120	1.371	152	-40°C to 35°C	100% to 1%
			208	0.784			
			240	0.685			
			277	0.599			
			347	0.474			
HO	1240 mA	4	120	1.880	202	-40°C to 35°C	100% to 1%
			208	1.076			
			240	0.937			
			277	0.818			
			347	0.650			

PHOTOMETRIC DATA: LBX2-HO-U-5K-A2-ND-WA22 | 17.02101

LUMINAIRE DATA

LBX2-HO-U-5K-A2-ND-WA22

Luminaire - Lunabay LED Decorative high bay with 22" wide acrylic refractor

DRIVER D15CC55UNVTW-L

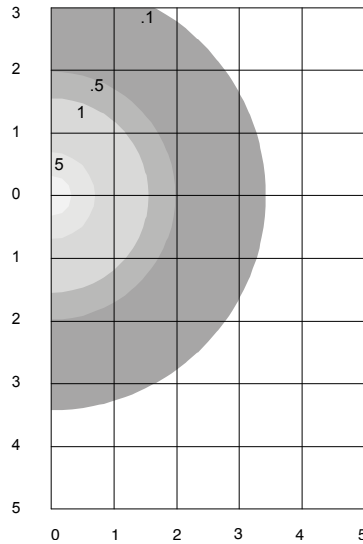
Driver Factor	1.00
Lamp	LED
Lumens	21,985
Watts	200.6
Efficacy	110
Mounting	Pendant
Spacing Criterion [0-90]	2.27

LUMINOUS OPENING IN FEET

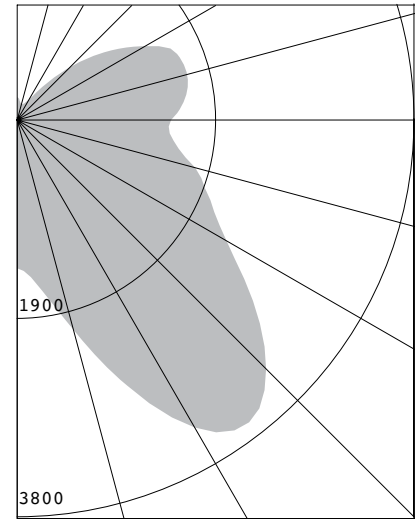
Length	1.83 ft. (Diameter)
Width	1.83 ft. (Diameter)

ZONE	LUMENS	% FIXT.
0-30	2,143	9.7
0-40	4,394	20.0
0-60	9,366	42.6
0-90	14,917	67.9
0-180	21,985	100.0

ISOMETRIC FOOT CANDLES



POLAR GRAPH



PHOTOMETRIC DATA: LBX2-MO-U-5K-A2-ND-WW22 | 17.01344

LUMINAIRE DATA

LBX2-MO-U-5K-A2-ND-WW22

Luminaire - Lunabay LED Decorative high bay with 22" wide translucent acrylic refractor

DRIVER D15CC55UNVTW-L

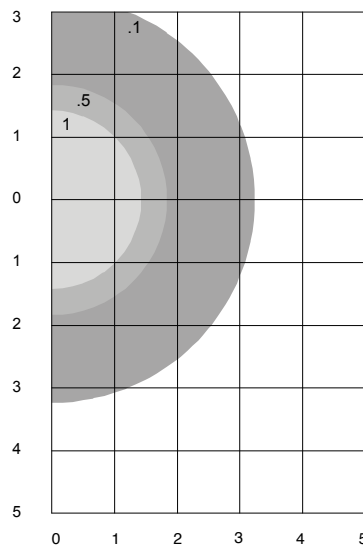
Driver Factor	1.00
Lamp	LED
Lumens	16,185
Watts	151.7
Efficacy	107
Mounting	Pendant
Spacing Criterion [0-90]	1.62

LUMINOUS OPENING IN FEET

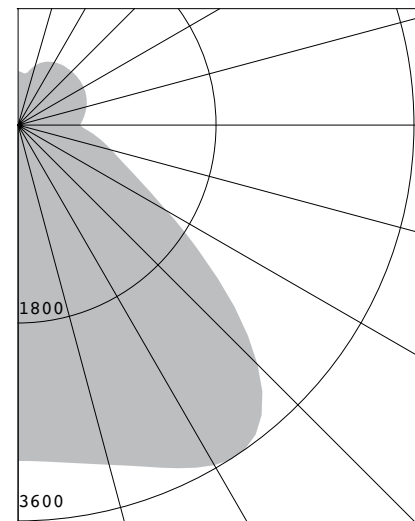
Length	1.75 ft. (Diameter)
Width	1.75 ft. (Diameter)

ZONE	LUMENS	% FIXT.
0-30	2,800	17.3
0-40	5,037	31.1
0-60	9,215	56.9
0-90	12,113	74.8
0-180	16,185	100.0

ISOMETRIC FOOT CANDLES



POLAR GRAPH



PRODUCT AVAILABILITY

OUTPUT	PART NUMBER	COLOR TEMP	OPTICS	LUMENS	INPUT WATTS	LPW
LO	LBX2-LO-U-27K-A2-ND-AL23-WH	27K	AL23	8,632	101.3	85.2
	LBX2-LO-U-27K-A2-ND-SB22-WH		SB22	10,304	101.7	101.3
	LBX2-LO-U-27K-A2-ND-WA22-WH		WA22	11,256	101.8	110.6
	LBX2-LO-U-27K-A2-ND-WW22-WH		WW22	9,539	101.9	93.6
	LBX2-LO-U-3K-A2-ND-AL23-WH	30K	AL23	9,024	101.3	89.1
	LBX2-LO-U-3K-A2-ND-SB22-WH		SB22	10,772	101.7	105.9
	LBX2-LO-U-3K-A2-ND-WA22-WH		WA22	11,509	101.8	113.1
	LBX2-LO-U-3K-A2-ND-WW22-WH		WW22	9,972	101.9	97.9
	LBX2-LO-U-35K-A2-ND-AL23-WH	35K	AL23	9,185	101.3	90.7
	LBX2-LO-U-35K-A2-ND-SB22-WH		SB22	10,964	101.7	107.8
	LBX2-LO-U-35K-A2-ND-WA22-WH		WA22	11,896	101.8	116.9
	LBX2-LO-U-35K-A2-ND-WW22-WH		WW22	10,150	101.9	99.6
	LBX2-LO-U-4K-A2-ND-AL23-WH	40K	AL23	9,295	101.3	91.8
	LBX2-LO-U-4K-A2-ND-SB22-WH		SB22	11,096	101.7	109.1
	LBX2-LO-U-4K-A2-ND-WA22-WH		WA22	12,077	101.8	118.6
	LBX2-LO-U-4K-A2-ND-WW22-WH		WW22	10,272	101.9	100.8
LBX2-LO-U-5K-A2-ND-AL23-WH	50K	AL23	10,049	101.3	99.2	
LBX2-LO-U-5K-A2-ND-SB22-WH		SB22	11,995	101.7	117.9	
LBX2-LO-U-5K-A2-ND-WA22-WH		WA22	13,055	101.8	128.2	
LBX2-LO-U-5K-A2-ND-WW22-WH		WW22	11,105	101.9	109.0	
MO	LBX2-MO-U-27K-A2-ND-AL23-WH	27K	AL23	12,256	150.8	81.3
	LBX2-MO-U-27K-A2-ND-SB22-WH		SB22	14,997	151.8	98.8
	LBX2-MO-U-27K-A2-ND-WA22-WH		WA22	14,883	152.2	97.8
	LBX2-MO-U-27K-A2-ND-WW22-WH		WW22	13,903	151.7	91.6
	LBX2-MO-U-3K-A2-ND-AL23-WH	30K	AL23	12,813	150.8	85.0
	LBX2-MO-U-3K-A2-ND-SB22-WH		SB22	15,678	151.8	103.3
	LBX2-MO-U-3K-A2-ND-WA22-WH		WA22	15,559	152.2	102.2
	LBX2-MO-U-3K-A2-ND-WW22-WH		WW22	14,534	151.7	95.8
	LBX2-MO-U-35K-A2-ND-AL23-WH	35K	AL23	13,041	150.8	86.5
	LBX2-MO-U-35K-A2-ND-SB22-WH		SB22	15,957	151.8	105.1
	LBX2-MO-U-35K-A2-ND-WA22-WH		WA22	15,836	152.2	104.0
	LBX2-MO-U-35K-A2-ND-WW22-WH		WW22	14,793	151.7	97.5
	LBX2-MO-U-4K-A2-ND-AL23-WH	40K	AL23	13,198	150.8	87.5
	LBX2-MO-U-4K-A2-ND-SB22-WH		SB22	16,149	151.8	106.4
	LBX2-MO-U-4K-A2-ND-WA22-WH		WA22	16,027	152.2	105.3
	LBX2-MO-U-4K-A2-ND-WW22-WH		WW22	14,971	151.7	98.7
LBX2-MO-U-5K-A2-ND-AL23-WH	50K	AL23	14,268	150.8	94.6	
LBX2-MO-U-5K-A2-ND-SB22-WH		SB22	17,458	151.8	115.0	
LBX2-MO-U-5K-A2-ND-WA22-WH		WA22	17,326	152.2	113.8	
LBX2-MO-U-5K-A2-ND-WW22-WH		WW22	16,185	151.7	106.7	
HO	LBX2-HO-U-27K-A2-ND-AL23-WH	27K	AL23	15,726	200.0	78.6
	LBX2-HO-U-27K-A2-ND-SB22-WH		SB22	19,446	201.8	96.4
	LBX2-HO-U-27K-A2-ND-WA22-WH		WA22	19,118	200.5	95.4
	LBX2-HO-U-27K-A2-ND-WW22-WH		WW22	17,933	202.1	88.7
	LBX2-HO-U-3K-A2-ND-AL23-WH	30K	AL23	16,440	200.0	82.2
	LBX2-HO-U-3K-A2-ND-SB22-WH		SB22	20,329	201.8	100.7
	LBX2-HO-U-3K-A2-ND-WA22-WH		WA22	19,538	200.5	97.4
	LBX2-HO-U-3K-A2-ND-WW22-WH		WW22	18,747	202.1	92.8
	LBX2-HO-U-35K-A2-ND-AL23-WH	35K	AL23	16,733	200.0	83.7
	LBX2-HO-U-35K-A2-ND-SB22-WH		SB22	20,691	201.8	102.5
	LBX2-HO-U-35K-A2-ND-WA22-WH		WA22	20,207	200.5	100.8
	LBX2-HO-U-35K-A2-ND-WW22-WH		WW22	19,081	202.1	94.4
	LBX2-HO-U-4K-A2-ND-AL23-WH	40K	AL23	16,934	200.0	84.7
	LBX2-HO-U-4K-A2-ND-SB22-WH		SB22	20,940	201.8	103.8
	LBX2-HO-U-4K-A2-ND-WA22-WH		WA22	20,513	200.5	102.3
	LBX2-HO-U-4K-A2-ND-WW22-WH		WW22	19,310	202.1	95.5
LBX2-HO-U-5K-A2-ND-AL23-WH	50K	AL23	18,307	200.0	91.5	
LBX2-HO-U-5K-A2-ND-SB22-WH		SB22	22,638	201.8	112.2	
LBX2-HO-U-5K-A2-ND-WA22-WH		WA22	21,985	200.6	109.6	
LBX2-HO-U-5K-A2-ND-WW22-WH		WW22	20,876	202.1	103.3	

Due to our continued efforts to improve our products, specifications are subject to change without notice.
 Copyright © 2018 Hubbell Lighting All Rights Reserved.