Type	Job Ref.

HBB-16A

Traditional High Bay, Polycarbonate Refractor

6,000 to 20,000 Lumens

Traditional high bay form with polycarbonate refractor that provides optimal distribution with uplight and specular highlights.

MECHANICAL
- 16.4” wide, 18.9” high
- Hook, 6” stem, pendant and cable mounting options

OPTICAL
- Open or enclosed polycarbonate refractor
- Multiple distribution options, including narrow and medium.

ELECTRICAL
- Standard with 0-10V dimming to 10%
- 120/277 voltage
- Power supply is overload and short circuit protected

PERFORMANCE
- 6,000 to 20,000 delivered lumens for variety of applications
- CCT: 3000K, 3500K, 4000K at 80+ CRI (90 CRI option)
- LED COB module L70 rated lifetimes of at least 50,000 hours

LISTINGS
- Conforms to UL Standard 1598
- Certified to CSA Standard C22.2 No. 250.0
- Suitable for damp location

Consult factory for alternative configurations. | 5 year limited warranty.

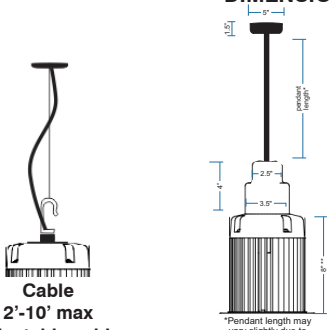
Dimension and specifications in literature subject to change.

HBB-16A – High Bay with COB LED Module and Polycarbonate Refractor

HBB-16A-O
16” Polycarbonate, Open Refractor

HBB-16A-E
16” Polycarbonate, Enclosed Refractor

DIMENSIONS

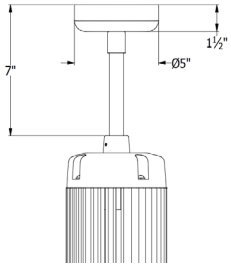


*Pendant length may vary slightly due to mounting components.
**For -200 lumen package, add 2 inches.

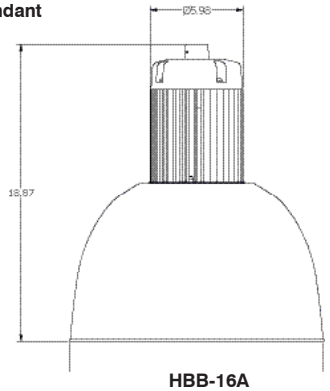
Pendant

Cable
2’-10’ max
adjustable cable

Hook
2 3/8” x 1 1/2”



6” Stem



HBB-16A

See the HBB Mounting Options sheet for more details.

HBB-16A

	DELIVERED LUMENS @ 35K	DISTRIBUTION	COLOR TEMPERATURE	CRI	REFRACTOR	MOUNTING	VOLTAGE
High Bay COB 16” LED Module and Polycarbonate Refractor	**-60** 6233 lumens **-80** 8103 lumens **-100** 10128 lumens **-120** 11998 lumens **-160** 15893 lumens **-200** 18864 lumens	**-DX** No Optical Lense (85°) **-D25** 25° Fresnel Lense	**-30K** 3000K **-35K** 3500K **-40K** 4000K	**-80** **-90**	**-O** 16” Polycarbonate, Open **-E** 16” Polycarbonate, Enclosed	**-HK** Hook **-ST** 6” Stem Mount **-PND-HBB** Pendant _____ ” * **-CAB-C-10** Cable w/ straight cord. Adj. 2’-10’ *Specify Pendant Length (e.g. -PND24)	**-120/277**

Made In The USA

HBB-16A

16” LED Traditional High Bay

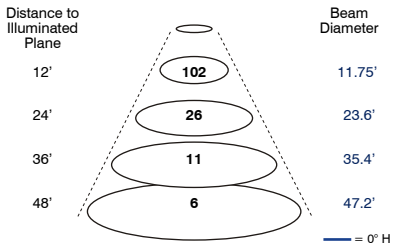
PHOTOMETRY

HBB-16P-160-DX , **Report No:** CRT18111201006-003-002, 11/28/2018, 16,510 delivered lumens, 115 input watts, 143.57 lm/W, 3500K, 80 CRI

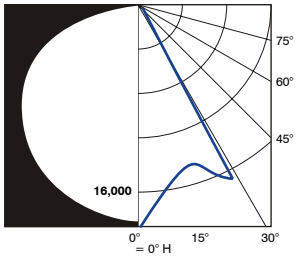
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	10,381.4	62.9%
0-40	13,517.1	81.9%
0-60	15,410.8	93.3%
60-90	891.4	5.4%
70-100	344.1	2.1%
90-120	79.4	0.5%
0-90	16,302.2	98.7%
90-180	207.6	1.3%
0-180	16,509.8	100%

CONE OF LIGHT
Initial Nadir Footcandles



CANDLEPOWER DISTRIBUTION CURVE

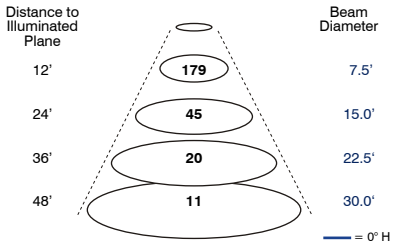


HBB-16P-160-D25 , **Report No:** CRT18111201006-003-001, 11/28/2018, 15,000 delivered lumens, 131 input watts, 114.50 lm/W, 3500K, 80 CRI

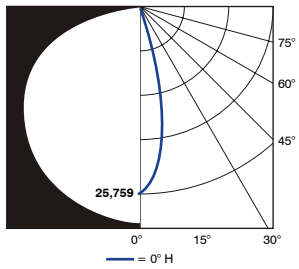
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	10,174.6	67.8%
0-40	12,599.8	84%
0-60	13,563.0	90.4%
60-90	1,195.9	8%
70-100	741.3	4.9%
90-120	139.5	0.9%
0-90	14,758.9	98.4%
90-180	241.4	1.6%
0-180	15,000.3	100%

CONE OF LIGHT
Initial Nadir Footcandles



CANDLEPOWER DISTRIBUTION CURVE



PEFORMANCE DATA

Model	Input Watts	Delivered Lumens	Efficacy (lm/W)
HBB-16P-60-D25	45	5,639	125
HBB-16P-60-DX	45	6,207	138
HBB-16P-80-D25	64	7,557	118
HBB-16P-80-DX	64	8,317	130
HBB-16P-100-D25	71	9,361	132
HBB-16P-100-DX	71	10,303	145
HBB-16P-120-D25	97	11,278	116
HBB-16P-120-DX	97	12,413	128
HBB-16P-160-D25	131	15,000	115
HBB-16P-160-DX	115	16,510	143
HBB-16P-200-D25	163	18,835	116
HBB-16P-200-DX	163	20,730	127

COLOR TEMPERATURE CONVERSIONS

Peachtree performance data is presented as delivered lumens. Standard photometric test data is based on 3500K CT and 80 CRI. For other CCTs and CRIs, use the following conversion factors:

CCT/CRI	Conversion Factor
3000K at 80 CRI	0.99
3000K at 90 CRI	0.81
3500K at 80 CRI	1.00
3500K at 90 CRI	0.83
4000K at 80 CRI	1.01
4000K at 90 CRI	0.86
5000K at 80 CRI	1.04
5000K at 90 CRI	0.89

770-787-8490 | www.peachtreelighting.com
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