

INTENDED USE

The 14000 series Highbay combines clean, fine lines with a unique design that complements any space. The completely luminous optical system provides a concave visual appearance while providing high fixture performance and even illumination. The Beelite® BFH14D series Highbay is also available with a number of control options thus providing the ability to dim or control the lighting providing the ability to save energy and operate with multiple control systems including daylight or occupancy sensors.

CONSTRUCTION

Rugged, one-piece cold-rolled steel reflector assembly with embossed steel for increased structural integrity and strength. White polyester powder-paint after fabrication.

OPTICS

Luminous optical system consists of a unique blend of high performance transmittance diffuser coupled with a concave, clear, ribbed refractor for a unique multistep appearance. To improve fixture performance and eliminate pixilation the diffuser uses a unique blend of high molecular weight polymer beads with unrelated refractive index.

ELECTRICAL

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. RAL is rated to deliver L80 performance for 50,000 hours. LED driver delivers full-range dimming from 0-10V control signal.

INSTALLATION

Lightweight and easy to install in any standard T-Bar system. LED boards include plug-in connectors for easy replacement or servicing. Suitable for damp locations.

REGULATORY & VOLUNTARY QUALIFICATIONS

UL listed. Tested to LM80 standards. DLC qualified. Please refer to the DLC QPL website for the latest and most complete information.
www.designlights.org/QPL

Warranty

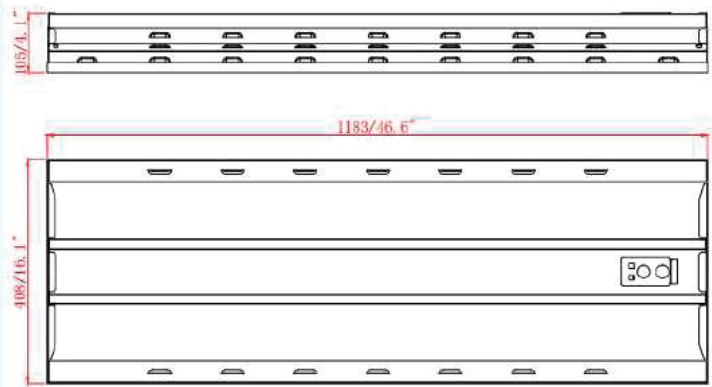
5 years limited warranty.

Note

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C.



Dimensions



Ordering Information

Wattage	Item Code	Voltage	Lumens	Lumens per Watt	Color Temperature	CRI	Certification	Chip	Standard Carton Qty.
226W	142264	120-277V	28800 lm	130	4000k	80	UL, DLC	Philips high brightness LOMILERS/3030 2D	1
	142265				5000k				
300W	143004		38300 lm		4000k				
	143005				5000k				

PHOTOMETRIC DATA

LUMINAIRE DATA

Luminaire	142264 BOX Led, Lifting LED construction 1x2 lifting LED construction lamps
Ballast	DIM100A12S-2100mA
Ballast Factor	3
Lamp	LED
Fixture Lumens	32353
Watts	248
Mounting	Lifting type
Shielding Angle	0°=90 90°=90
Spacing Criterion	0°=1.19 90°=1.10
Luminous Opening	Length: 46.6"
In Feet	Width: 16.1" Height: 4.1"

Zonal Lumen Tabulation

r(°)	Lumens	%Total
0-60	26011.6	80.40%
60-90	6288.7	19.44%
0-90	32300.7	99.84%
90-180	53.0	0.16%
0-180	32353.3	100.00%

Energy Data

Total Luminaire Efficiency	100%
Total Lumens Per Watt	130.3
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.76 based on 3000 hrs. and \$0.08 per KWH

Test 30 Test Date 10/07/2017

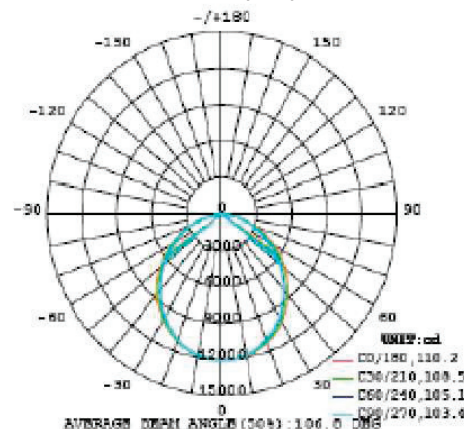


Chart 4: Polar Candela Distribution

LUMINAIRE DATA

Luminaire	142265 BOX Led, Lifting LED construction 1x2 lifting LED construction lamps
Ballast	DIM100A12S-2100mA
Ballast Factor	4
Lamp	LED
Fixture Lumens	42083
Watts	325.8
Mounting	Lifting type
Shielding Angle	0°=90 90°=90
Spacing Criterion	0°=1.19 90°=1.10
Luminous Opening	Length: 46.6"
In Feet	Width: 16.1" Height: 4.1"

Zonal Lumen Tabulation

r(°)	Lumens	%Total
0-60	33849.7	80.43%
60-90	8177.9	19.43%
0-90	42027.6	99.87%
90-180	55.8	0.13%
0-180	42083.4	100.00%

Energy Data

Total Luminaire Efficiency	100%
Total Lumens Per Watt	129.2
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.76 based on 3000 hrs. and \$0.08 per KWH

Test 30 Test Date 10/07/2017

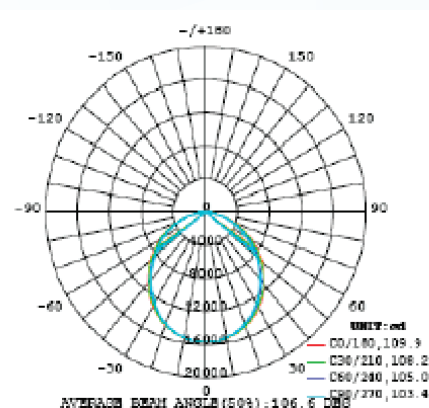


Chart 4: Polar Candela Distribution