

INTENDED USE

The 12000 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. High bay 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

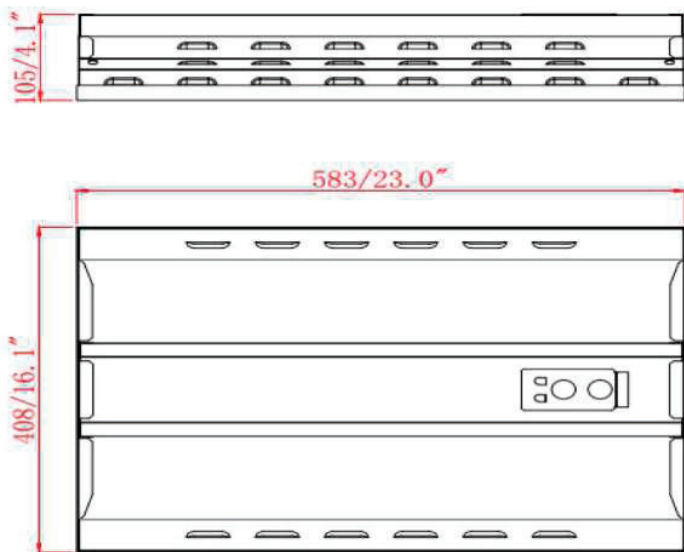
Warranty

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.
90W	120904	120-277V	11700 lm	130	4000k	80	UL, DLC	Philips high brightness LOMILERS/3030 2D	1
	120905				5000k				
130W	121304		16700 lm		4000k				
	121305				5000k				
180W	121804		23400 lm		4000k				
	121805				5000k				

PHOTOMETRIC DATA LUMINAIRE DATA

Luminaire	120904 BOX Led, Lifting LED construction 1x2 lifting LED construction lamps
Ballast	DIM100A12S-2500mA
Ballast Factor	1
Lamp	LED
Fixture Lumens	12428
Watts	96.87
Mounting	Lifting type
Shielding Angle	0°=90 90°=90
Spacing Criterion	0°=1.19 90°=1.10
Luminous Opening In Feet	Length: 23" Width: 16.1" Height: 4.1"

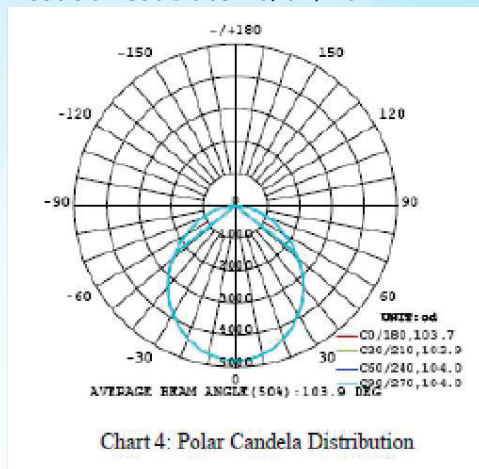
Zonal Lumen Tabulation

r(°)	Lumens	%Total
0-60	10070.3	81.03%
60-90	2328.4	18.73%
0-90	12398.7	99.76%
90-180	29.6	0.24%
0-180	12428.3	100.00%

Energy Data

Total Luminaire Efficiency	100%
Total Lumens Per Watt	128.3
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



LUMINAIRE DATA

Luminaire	121305 BOX Led, Lifting LED construction 1x2 lifting LED construction lamps
Ballast	DIM100A12S-1750mA
Ballast Factor	2
Lamp	LED
Fixture Lumens	16920
Watts	132.33
Mounting	Lifting type
Shielding Angle	0°=90 90°=90
Spacing Criterion	0°=1.19 90°=1.10
Luminous Opening In Feet	Length: 23" Width: 16.1" Height: 4.1"

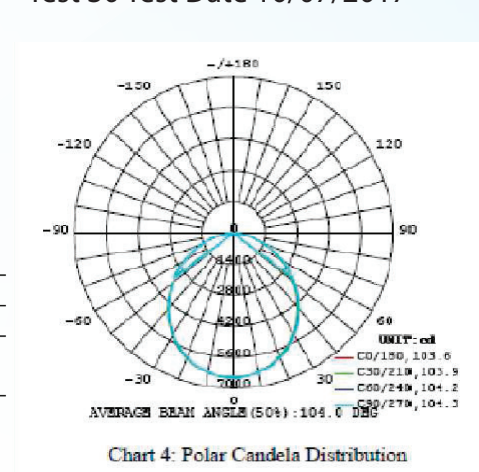
Zonal Lumen Tabulation

r(°)	Lumens	%Total
0-60	13713.0	81.05%
60-90	3173.9	18.76%
0-90	16887.0	99.80%
90-180	33.2	0.20%
0-180	16920.2	100.00%

Energy Data

Total Luminaire Efficiency	100%
Total Lumens Per Watt	127.9
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



LUMINAIRE DATA

Luminaire	121805 BOX Led, Lifting LED construction 1x2 lifting LED construction lamps
Ballast	DIM100A12S-2500mA
Ballast Factor	2
Lamp	LED
Fixture Lumens	24620
Watts	192
Mounting	Lifting type
Shielding Angle	0°=90 90°=90
Spacing Criterion	0°=1.19 90°=1.10
Luminous Opening In Feet	Length: 23" Width: 16.1" Height: 4.1"

Zonal Lumen Tabulation

r(°)	Lumens	%Total
0-60	19964.7	81.09%
60-90	4589.9	18.64%
0-90	24554.6	99.73%
90-180	65.9	0.27%
0-180	24620.4	100.00%

Energy Data

Total Luminaire Efficiency	100%
Total Lumens Per Watt	128
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

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