

HC45

L70
25°C

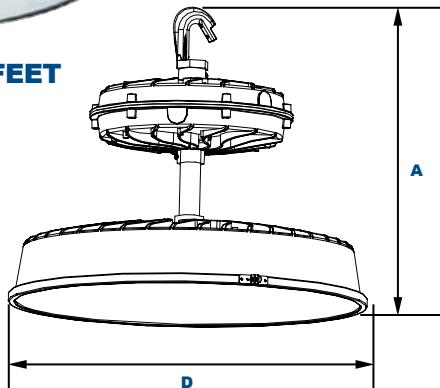
299,000 Hours

22" LED Narrow Beam Highbay


Microwave Sensor
Factory Installed "M3"
Option (120-277V Only)

MOUNTING up to 70 FEET
Dimensions

Diameter (D)	22 1/4" (565mm)
Height (A)	16 1/4" (413mm)


Order Information Example: HB45QI1X273U5KGWSP

HC45	I	1X273	5K	G			
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
HC45= EasyLED 22" LED Highbay	I=Narrow Beam	1X273=273w	U=120-277V H=347-480V	5K=5000K	G=Clear Flat Glass Lens	W=White C=Custom (Consult Factory)	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection M3 =Microwave Sensor for Mounting Heights of 20 Feet or Above.* CP6120W =6' White Cord, 3 Wire, L5-15P Twist-Lock Plug CP6277W =6' White Cord, 3 Wire, L7-15P Twist-Lock Plug C6600B =6' Black Cord, STW, 600VAC, 3 Wire, Leads C6600W =6' White Cord, STW, 600VAC, 3 Wire, Leads C4600B =4' Black Cord, SEOOW, 600VAC, 3 Wire, Leads BU =Battery Backup*

Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

Certification & Listings:

DesignLights Consortium™
Qualified Luminaires:
HB45QI1X273[U H]5KG**

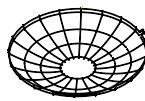

22" LED Narrow Beam Highbay

Lens Options:



HC45 Shown with Tempered Clear Flat Glass Lens (G)

Accessories & Replacement Parts:



HCAR22WG



P17116



CPSC

Accessories (Order Separately, Field Installed)

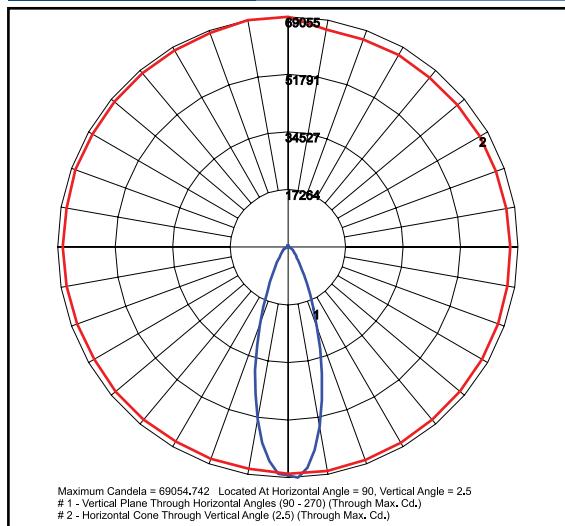
HCAR22WG Wire Guard, Fits HC45, for Use with Flat Glass Lenses.
CPSC Safety Cable, 3' Steel Cable with Clear Vinyl Coating, Steel Eye & Loop Ends.

Replacement Parts (Order Separately, Field Installed)

HBGL22	22" Tempered Clear Flat Glass Lens
HBCB22	22" Clampband
CPMH3	Die Cast Hook with 1" NPS Threads
P17116	Microwave Sensor for Mounting Heights of 20 Feet or Above (120-277V Only).

Replacement BU Available-Consult Factory.

Photometric Data



HC45QI1X273U5KG
 -Clear Glass Lens

Photometric Performance

5000 CCT 80 CRI					
LED Board Watts	Drive Current (mA)	Input Watts	Spacing Criteria	Lumens	LPW
EasyLED 273w with Clear Glass (G)	525	296	0.54	33,540	113

Projected Lumen Maintenance

Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	296	1.00	0.97	0.95	0.90	299,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	296	1.00	0.97	0.94	0.88	172,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	296	1.00	0.97	0.93	0.86	148,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.