CORE

LED HIGH BAY

240W / 100-277V #HB3-2405-1

MOUNTING HOOK
with safety screw for quick installs

LIGHTWEIGHT FIXTURE
for ease of installation

PHOTOCELL COMPATIBLE
provides maximum energy savings

IP 65 RATED
for exposed environments

DIMMER COMPATIBLE
for additional power savings

COLD FORGED ALUMINUM
for exceptional thermal conductivity

240 WATTS
with a powerful 27440 lumens output

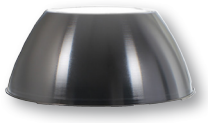
COMMERCIAL GRADE CHIP
means long-lasting 50,000 hour life

c UL us LISTED · RoHS COMPLIANT · MEAN WELL · NICHIA · 10 YEAR WARRANTY

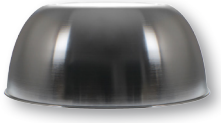
DESCRIPTION

The HB3-2405-1 LED HIGH BAY is unparalleled in the Canadian market: built to exacting standards, they are a true “one-for-one” LED alternative for any commercial or industrial space. Generation 3 brings a higher lumens output per watt, world-class Nichia chips, Mean Well drivers, and DLC Premium certification that meets even higher efficacy and lumen maintenance requirements.

OPTIONAL ADD-ONS



60° REFLECTOR
HB-AL60D



90° REFLECTOR
HB-AL90D

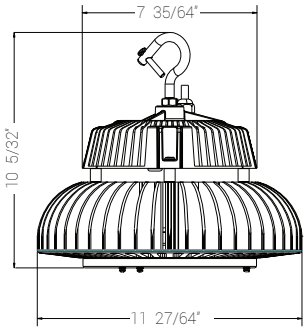
70° PRISMATIC REFLECTOR
HB-PC70D

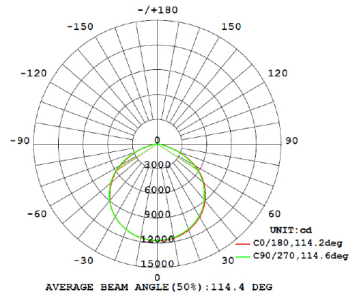
POPULAR APPLICATIONS

WAREHOUSES · FACTORIES · HANGARS · GYMS

PRODUCT DIMENSIONS / PHOTOMETRIC SPECS / ILLUMINANCE AT A DISTANCE

NO REFLECTOR

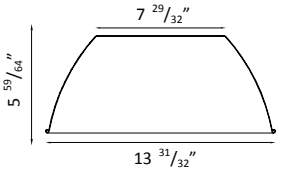


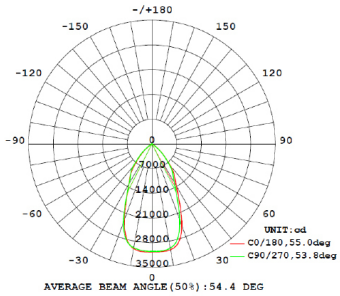


AVERAGE BEAM ANGLE(50%):114.4 DEG

3.281ft	11722Lux
6.562ft	2930Lux
9.843ft	1302Lux
13.12ft	732.6Lux
16.4ft	468.9Lux

60° REFLECTOR

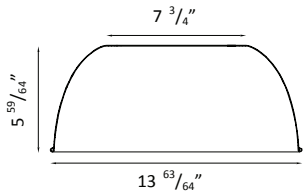


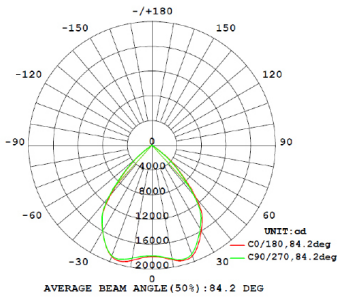


AVERAGE BEAM ANGLE(50%):54.4 DEG

3.281ft	30678Lux
6.562ft	7670Lux
9.843ft	3409Lux
13.12ft	1917Lux
16.4ft	1227Lux

90° REFLECTOR

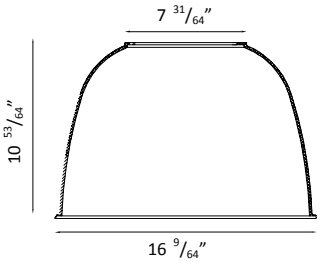


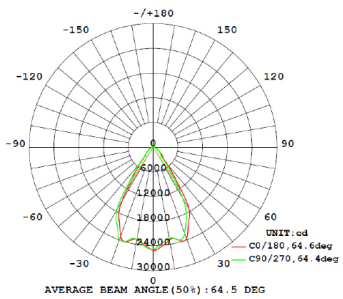


AVERAGE BEAM ANGLE(50%):84.2 DEG

3.281ft	18105Lux
6.562ft	4526Lux
9.843ft	2012Lux
13.12ft	1132Lux
16.4ft	724.2Lux

70° PRISMATIC REFLECTOR





AVERAGE BEAM ANGLE(50%):64.5 DEG

3.281ft	25062Lux
6.562ft	6266Lux
9.843ft	2785Lux
13.12ft	1566Lux
16.4ft	1002Lux

TECHNICAL DATA

LIGHT SPECIFICATIONS

Lumens	27440
CCT	5000K
CRI	≥80

DRIVER

Brand	Mean Well
Driver Type	Constant Current
Driver Output	28.9-48V
Dimmable	Yes
Dimming Type	1-10V
Driver Class	Class2

HOURS

Rated Hours	50,000

ELECTRICAL

Wattage	240W
System Watts	222W
Input Voltage	100-277V
THD	<10%
AMPS@120V	1.95A
AMPS@208V	1.13A
AMPS@240V	0.98A
AMPS@277V	0.87A

CONSTRUCTION

Housing Material	1070 Pure Aluminum
Lens Material	Polycarbonate Drop Lens
Reflector Material	Pure Aluminum or Polycarbonate
IP Rating	IP65

LED CHIP

Chip Brand	NICHIA 757G
Chip Type	SMD 3030

TEMPERATURE

Minimum Start	-40°C
Ambient Temp	50°C

DIMENSIONS & WEIGHT

Dimensions	10 5/32" x 7 35/64" x 11 27/64"
Weight	6.8 KGS

APPROVALS & LISTINGS

cUL	E473127
DLC Premium	PHQTUYT5
IESNA	LM-79 & LM-80