

NHL-LHBF2-155W-XXK-UNV-DLR/OL LED HIGH BAY FIXTURE

DESCRIPTION

Complete Compact LED High Bay Fixture

APPLICATION

Used for commercial and industrial high bay lighting applications



PRODUCT FEATURES

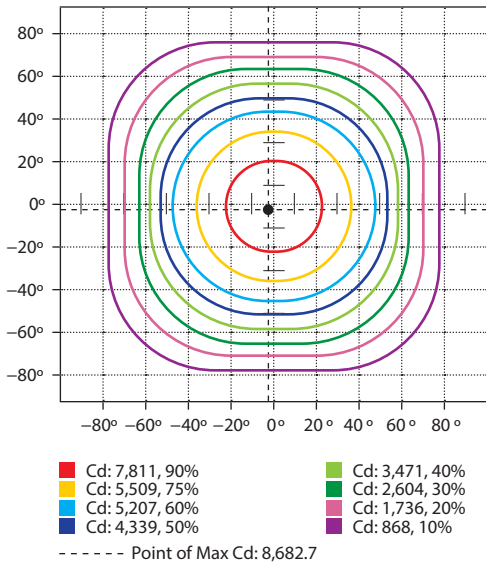
- Architectural grade compact design
- Designed to accept easy screw-in installation of optional sensors via 1/2" threaded receptacle in driver cover
- Compatible with emergency LED drivers (see accessories section for details)
- Powered by 0–10V dimming LED drivers with 12V Aux
- Frosted lens eliminates glare
- V-hook and chain mounting accessories included
- UL Listed 1598: Suitable for dry and damp locations
- Ambient operating temperature: –20°C/–4°F to 50°C/122°F
- THD: < 20%
- PF: > 0.90
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temp.

PERFORMANCE SPECIFICATIONS

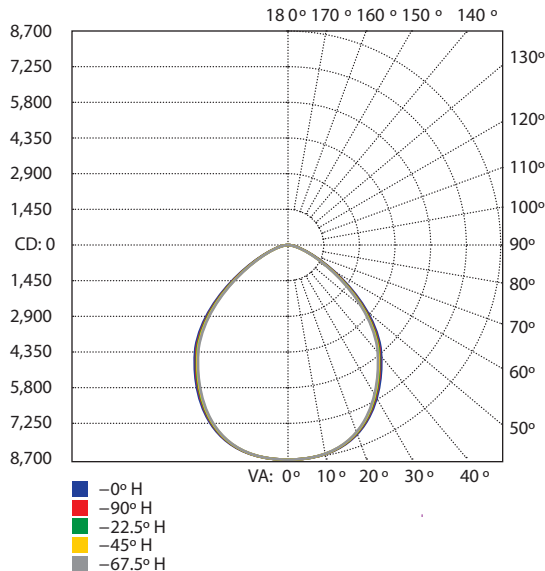
| CATALOG NUMBER | NOMINAL LENGTH | INPUT VOLTAGE | CCT | WATTAGE | LUMEN OUTPUT | EFFICACY | CRI | POWER FACTOR | LIFETIME |
|-------------------------------|----------------|---------------|-------|---------|--------------|----------|--------|--------------|------------|
| NHL-LHBF2-155W-40K-UNV-DLR/OL | 2 ft. | 120 –277V | 4000K | 155W | 23,250 | 150 lm/W | > 80.0 | >0.90 | 50,000 hrs |
| NHL-LHBF2-155W-50K-UNV-DLR/OL | 2 ft. | 120 –277V | 5000K | 155W | 23,405 | 151 lm/W | > 80.0 | >0.90 | 50,000 hrs |

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



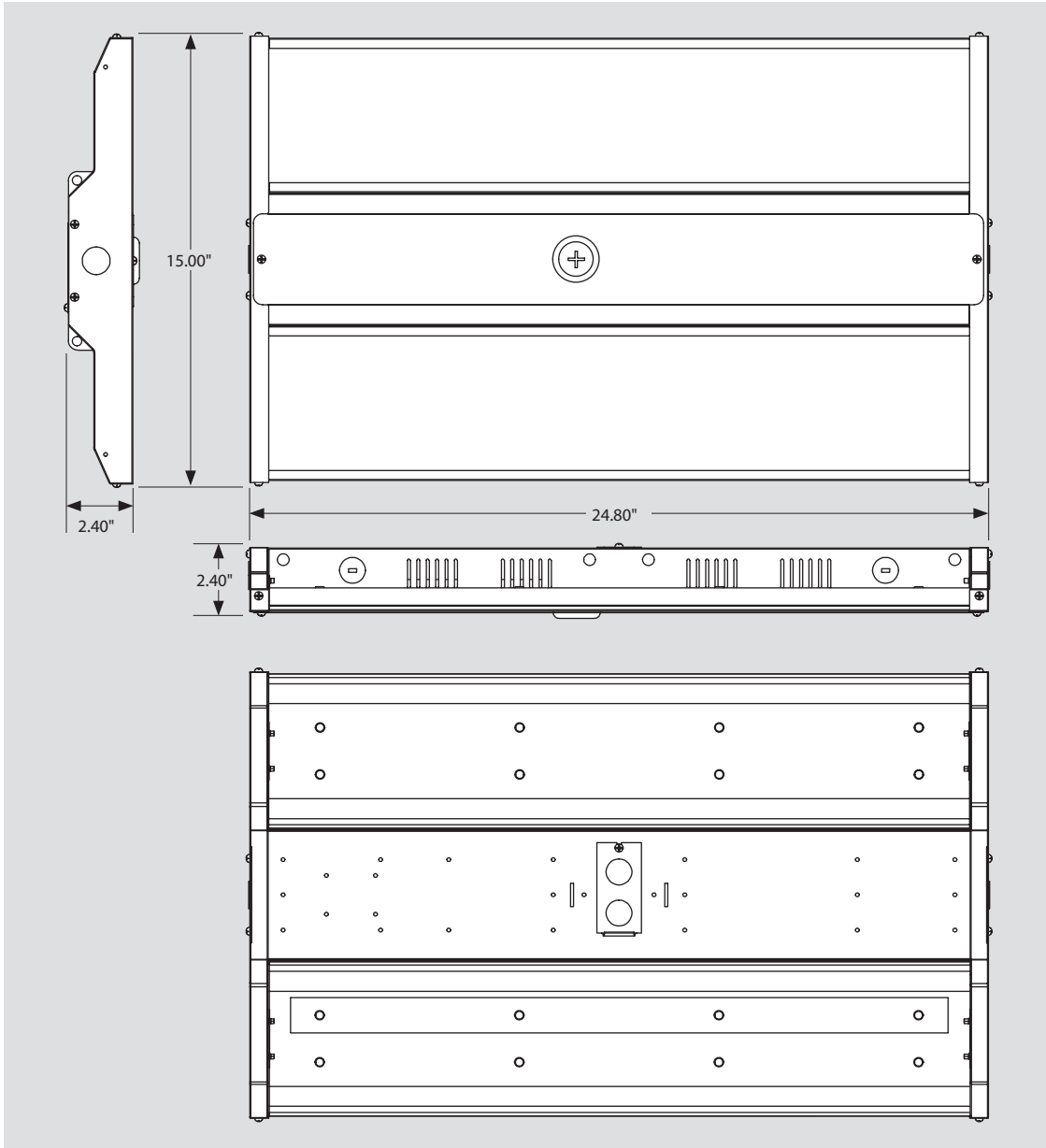
ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|--------|----------|-------------|
| 0–30 | 6,673.5 | 30.30% |
| 0–40 | 10,833.6 | 49.10% |
| 0–60 | 18,337.7 | 83.20% |
| 60–90 | 3,649.0 | 16.50% |
| 70–100 | 1,380.5 | 6.30% |
| 90–120 | 17.5 | 0.10% |
| 0–90 | 21,986.7 | 99.70% |
| 90–180 | 62.8 | 0.30% |
| 0–180 | 22,049.5 | 100% |

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LED HIGH BAY FIXTURE

PHYSICAL SPECIFICATIONS





NHL-LHBF2-155W-XXK-UNV-DLR/OL LED HIGH BAY FIXTURE

ACCESSORIES

SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

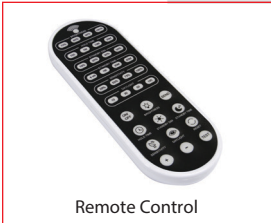
| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION |
|---|---------|----------------|---|
| | /HBFC1 | NHL-HBFC1 | Smart Loop Bluetooth mesh PIR occupancy sensor with built-in fixture controller  |
| | /FC3 | NHL-FC3 | Smart Loop Bluetooth mesh screw-in PIR occupancy sensor with built-in fixture controller. No wiring required.  |
| | /SEND | NHL-SEND | PIR sensor for high bay fixtures; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled |
| | /SENA | NHL-SENA | Smart Port PIR sensor for high bay fixtures; Preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled |
| | /SENB | NHL-SENB | Smart Port PIR sensor for high bay fixtures; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled |
| | /MW3-A | NHL-MW3-A | Smart Port Microwave sensor for high bay fixtures; Preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled |
| | /MW3-B | NHL-MW3-B | Smart Port Microwave sensor for high bay fixtures; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled |



* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

Field-Installable / Field-Use ONLY (purchased separately)

| CATALOG NUMBER | DESCRIPTION |
|----------------|--|
| NHL-SEN-RC | Remote control for MW3, SENA and SENB. Used to set and adjust all sensor settings. |



(Accessories continued on next page)

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LED HIGH BAY FIXTURE

FIXTURE ORDERING INFORMATION

| ORDER CODE | PACK QTY. | | |
|-------------------------------|-----------|--|--|
| NHL-LHBF2-155W-40K-UNV-DLR/OL | 1 | | |
| NHL-LHBF2-155W-50K-UNV-DLR/OL | 1 | | |

FIXTURE CATALOG NUMBER BREAKDOWN

NHL-LHBF2-155W-XXK-UNV-DLR/OL

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|


- 1 New Horizon Lighting
- 2 LED High Bay Fixture
- 3 Wattage
- 4 Color Temperature
- 5 Voltage
- 6 Frosted Lens

ACCESSORIES (continued)



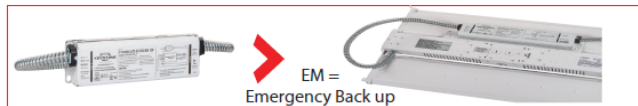
480 = Step Down

Note: Step-down transformers cannot be ordered in conjunction with standard SJTOW cord set options (contact factory for available custom options if needed).



CS = Cord Set

Cord Sets:
Factory-Installable OR Field-Installable (field-installable purchased separately)




EM = Emergency Back up

Emergency Backups:
Factory-Installable OR Field-Installable (field-installable purchased separately)

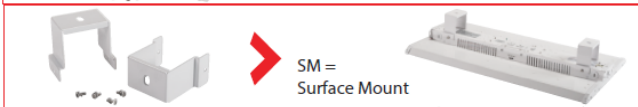


WG = Wire Guard

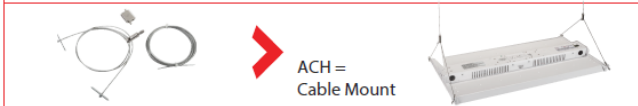
Mounts and Brackets:
Factory-Installable OR Field-Installable (field-installable purchased separately)



PM = Pendant Mount Kit



SM = Surface Mount



ACH = Cable Mount

* When ordering more than one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.
Note: All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.

| FIXTURE | |
|--------------------------------|--|
| CATALOG NUMBER | |
| NHL-LHBF2-155W-40K-UNV-DLR/OL- | |

| STEP-DOWN TRANSFORMERS | | |
|------------------------|--------|----------------|
| ✓ | SUFFIX | CATALOG NUMBER |
| ✓ | 480 | NHL-480 |

| CORD SETS | | |
|-----------|--------|----------------|
| ✓ | SUFFIX | CATALOG NUMBER |
| ✓ | CS | NHL-CS |

| EMERGENCY BACKUP | | |
|------------------|--------|----------------|
| ✓ | SUFFIX | CATALOG NUMBER |
| ✓ | EM | NHL-EM |

| MOUNTS AND BRACKETS | | |
|---------------------|--------|------------------------|
| ✓ | SUFFIX | CATALOG NUMBER |
| ✓ | WG | NHL-WG (Wire Guard) |
| ✓ | PM | NHL-PM (Pendant Mount) |
| ✓ | SM | NHL-SM (Surface Mount) |
| ✓ | ACH | NHL-ACH (Cable Mount) |