

HORNET® HP DOWNLIGHT

3.5" ROUND PINHOLE ADJUSTABLE LED INTERNATIONAL

I-HDL-HP-RPA-A14
LED



APPLICATIONS:

Retail and commercial accent & display lighting

CONSTRUCTION:

Die-cast aluminum trim ring
Die-cast optical head construction
Spring steel retaining clips
Formed steel faceplate

ELECTRICAL:

Electronic constant current LED driver, 240v input
ELV & Triac dimming standard
This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

OPTICS:

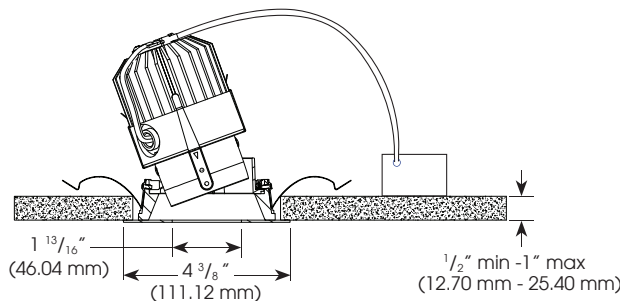
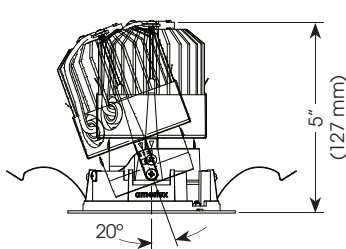
LED:
Color Temp Options: 2200K, 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
90+ typ. (2200K, 2700K, 3000K)
Optional Amerlux CrispWhite technology (16W max)
R9 Value: 11 (83CRI), 55 (90+CRI)
Binning: 3 MacAdam (SDMC)
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen Output (at 3000K):
16W:SP 989 typ 18W:SP 1099 typ
 NF 863 typ NF 959 typ
 MFL 809 typ MFL 899 typ
 FL 788 typ FL 876 typ
0-20° tilt, 358° rotation

LABELING:

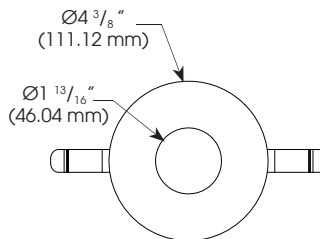
CE
For indoor use only

PROJECT:

TYPE:



Ceiling Cut Out Dimension: 3 5/16" (98 mm)




Electrostatic sensitive device,
observe precautions for
handling


98 mm

ELECTRICAL

Electronic driver

| | 11W | | 16W | | 18W | |
|-------|--------------|------|--------------|------|--------------|------|
| | System Watts | Amps | System Watts | Amps | System Watts | Amps |
| 240 v | 11 | 0.05 | 16 | 0.07 | 18 | 0.08 |

3 year limited warranty
AMERLUX INTERNATIONAL
(see website for details)

ORDERING INFORMATION:

| Model | Wattage | Lamp Type | Voltage | Trim Finish | Beam Spread | Color Temp (CCT-CRI) | Listing Code | Options/Accessories |
|------------------|----------------|-----------|---------|---|--|--|--------------|--|
| I-HDL-HP-RPA-A14 | 11 16 18 | LED | 240 | MW - matte white MB - matte black SLV - matte silver PC - polished chrome BSS - brushed stainless steel | SP - spot, 15° NF - narrow flood, 20° MFL - medium flood, 24° FL - flood, 28° | 27 - 2700K-83 30 - 3000K-83 35 - 3500K-83 40 - 4000K-83 229 - 2200K-90+ 279 - 2700K-90+ 309 - 3000K-90+ CRISP - CrispWhite (16W max) 3CLA - 3K Class A | CE | HEX - hexcell louver SOL - solite beam softening lens DALI - DALI driver |

Example: I-HDL-HP-RPA-A14-18-LED-120-MW-FL-30-CE

Cat #:

Amerlux reserves the right to change details that do not affect overall function and performance.



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RPA-A14
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TYPE:



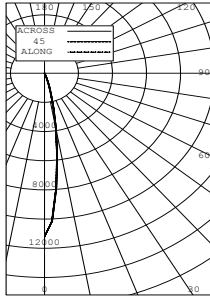
FIXTURE DATA: For 11W data, multiply by 0.62; For 16W data, multiply by 0.88

Complete photometric data (ies format) available upon request.

CCT Conversion Factor: 2700K-83 = 0.96; 3500K-83 = 1.02; 4000K-83 = 1.04; 2200K-90+ = 0.71; 2700-90+ = 0.80; 3000K-90+ = 0.83; CRISP = 0.65; 3CLA = 0.75

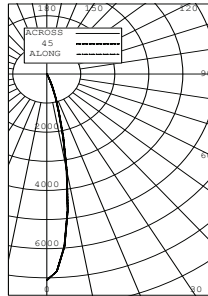
18W LED 3000K-83

SPOT
DISTRIBUTION
LTL # 818216



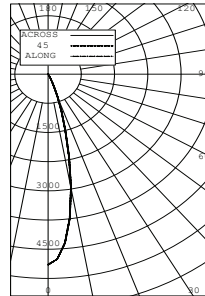
| Candelas at Nadir | |
|-------------------|---------|
| Deg | Candela |
| 0 | 11209 |
| 5 | 7888 |
| 15 | 1423 |
| 25 | 64 |
| 35 | 6 |
| 45 | 1 |

NARROW FLOOD
DISTRIBUTION
LTL # 818217



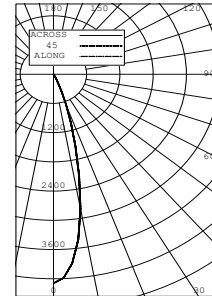
| Candelas at Nadir | |
|-------------------|---------|
| Deg | Candela |
| 0 | 7083 |
| 5 | 5941 |
| 15 | 1387 |
| 25 | 99 |
| 35 | 8 |
| 45 | 0 |

MEDIUM FLOOD
DISTRIBUTION
LTL # 818218



| Candelas at Nadir | |
|-------------------|---------|
| Deg | Candela |
| 0 | 4898 |
| 5 | 4358 |
| 15 | 1508 |
| 25 | 176 |
| 35 | 10 |
| 45 | 0 |

FLOOD
DISTRIBUTION
LTL # 818219

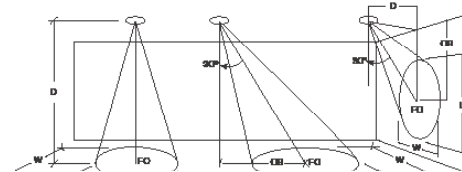


| Candelas at Nadir | |
|-------------------|---------|
| Deg | Candela |
| 0 | 4293 |
| 5 | 3897 |
| 15 | 1526 |
| 25 | 198 |
| 35 | 11 |
| 45 | 0 |

APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).
 D=Distance to floor or wall.
 FC=Footcandles on floor or wall at center beam aiming location.
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).
 CB=Distance across or down to center beam location.



| | 0° Aiming Angle Horizontal Footcandles | | | |
|-----------------|--|-----|-----|-----|
| | D | FC | L | W |
| SPOT | 5.0' | 265 | 1.8 | 1.8 |
| | 7.5' | 148 | 2.5 | 2.5 |
| | 10.0' | 92 | 3.1 | 3.1 |
| | 12.5' | 63 | 3.7 | 3.7 |
| NARROW FLOOD | 5.0' | 201 | 2.0 | 2.0 |
| | 7.5' | 106 | 2.8 | 2.8 |
| | 10.0' | 64 | 3.5 | 3.5 |
| | 12.5' | 42 | 4.4 | 4.4 |
| MEDIUM FLOOD | 5.0' | 153 | 2.3 | 2.3 |
| | 7.5' | 77 | 3.2 | 3.2 |
| | 10.0' | 45 | 4.2 | 4.2 |
| | 12.5' | 30 | 5.1 | 5.1 |
| FLOOD | 5.0' | 138 | 2.4 | 2.4 |
| | 7.5' | 69 | 3.4 | 3.4 |
| | 10.0' | 40 | 4.4 | 4.4 |
| | 12.5' | 26 | 5.4 | 5.4 |