

PERIMETER WALL PACK

NRG®300B SERIES

Cat.#

Job

Type



HUBBELL
Outdoor Lighting

Approvals

INTENDED USES

- Entry or perimeter security lighting applications for commercial buildings, shopping centers, schools, and apartment complexes

CONSTRUCTION

- Full polycarbonate front provides vandal resistance and efficient spread Lateral coverage on HID units is 5 times the typical mounting height up to 10 feet
- Internally painted bronze finish for lasting appearance (except white CFL models)
- LED unit is an excellent upgrade from HID systems featuring a 18w, 12 LED system with a 1120 lumen output, 5000K CCT, 5 year warranty - 60,500 hr rated life at L94⁷
- Rugged cast aluminum back housing for rigid mounting; Bottom 1/2" conduit knockout for surface conduit wiring (except on 'MS' unit). Back hub allows access to recessed wiring boxes; Two point mounting; Additional center-pin torx screws provided for tamper-resistant applications
- Motion controlled unit has 180° detection range—saves energy by providing illumination only when needed

ELECTRICAL

- Units available with or without 120V button photocontrol (except white) for automatic on/off as needed for energy savings
- Lamp Included: Vertical medium base HID socket or universal 4-pin CFL
- Motion sensor unit senses presence and provides light and auto cutoff after 1, 5 or 10 minutes
- LED units are 19w, 120-277V (PC-120V), 63 LPW, CRI 73, 5000K CCT, single driver 50Hz

LISTINGS

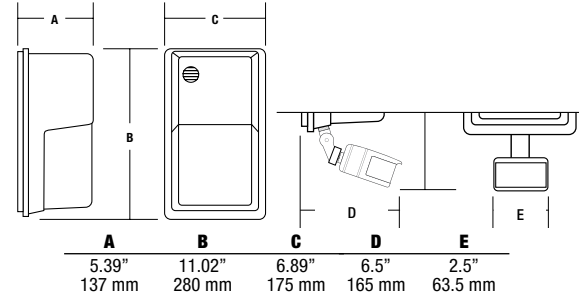
- Listed to UL 1598 for use in wet locations

PRODUCT IMAGE(S)



NRG-304B-MS NRG-312LU-5K-BZ

DIMENSIONS



CERTIFICATIONS/LISTINGS



SHIPPING INFORMATION

| Catalog Number | G.W(kg)/CTN | Carton Dimensions | | | Carton Qty. per Master Pack |
|----------------|-------------|-------------------|-----------------|------------------|-----------------------------|
| | | Length Inch (cm) | Width Inch (cm) | Height Inch (cm) | |
| NRG312LU5KBZ | 5.33 (2.42) | 11.8 (30) | 7.4 (19) | 6.1 (15.5) | 1 |
| NRG312LU5KBZPC | 5.40 (2.45) | 11.8 (30) | 7.4 (19) | 6.1 (15.5) | 1 |

ORDERING INFORMATION

| Catalog Number ¹ | | Wattage | Voltage | Max Input Amps | Color | Weight lbs. (kg) |
|---|-----------------------------------|---------|-------------------|----------------|--------|------------------|
| Without Photocontrol | With Photocontrol | | | | | |
| High Pressure Sodium | | | | | | |
| NRG-301B | NRG-301B-PC ^{2,3} | 50w | 120V | 1.2 | Bronze | 5 (2.3) |
| NRG-307B | NRG-307B-PC ^{2,3} | 70w | 120V | 1.6 | Bronze | 5 (2.3) |
| Pulse Start Metal Halide | | | | | | |
| NRG-350B | NRG-350B-PC ^{2,3} | 50w | 120V | 1.1 | Bronze | 6.5 (2.9) |
| Electronic Fluorescent⁴ | | | | | | |
| N/A | NRG-306B-PCW ² | 26w | 120-277V (-PC120) | .2 | White | 4.2 (1.9) |
| NRG-306B | NRG-306B-PC ² | 26w | 120-277V (-PC120) | .2 | Bronze | 4.2 (1.9) |
| N/A | NRG-304B-PCW ² | 42w | 120-277V (-PC120) | .3 | White | 4.2 (1.9) |
| NRG-304B | NRG-304B-PC ² | 42w | 120-277V (-PC120) | .3 | Bronze | 4.2 (1.9) |
| Motion Controlled Electronic Fluorescent⁴ | | | | | | |
| N/A | NRG-304B-MS ⁵ | 42w | 120V | .3 | Bronze | 6 (2.7) |
| 12 LED – 1120 lumens – 5000K | | | | | | |
| NRG-312LU-5K-BZ ⁶ | NRG-312LU-5K-BZ-PC ^{2,6} | 18w | 120-277V (-PC120) | .1 | Bronze | 6 (2.7) |

1 Lamp included
 2 120V only when ordered with photocontrol
 3 120V NPF ballast for HID
 4 CFL lamps are 4-Pin, 3500K, GX24q-4
 5 Motion sensor has 180° detection range, adjustable time-on and sensitivity settings
 6 LED units feature five year limited warranty
 7 Lumen maintenance performance references IESNA LM-80 data based on 10,000 hrs testing and projected per IESNA TM-21-11

PHOTOMETRIC REPORTS

| Catalog Number | Description |
|----------------|----------------|
| NRG307B | NRG307B.IES |
| NRG304B | NRG304B.IES |
| NRG312LU | NRG312LU5K.IES |

ACCESSORIES - ORDER SEPARATELY

| Catalog Number | Description |
|----------------|-------------------------------------|
| PBT-1 | Button photocontrol, 120V |
| PBT-234 | Button photocontrol, 208, 240, 277V |

REPLACEMENT PART - ORDER SEPARATELY

| Catalog Number | Description |
|----------------|-----------------------------------|
| SM352-COVER | Polycarbonate front cover, Bronze |
| SM352-F/LENS | LED front cover, bronze |



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Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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NRG300X-SPEC 9/13