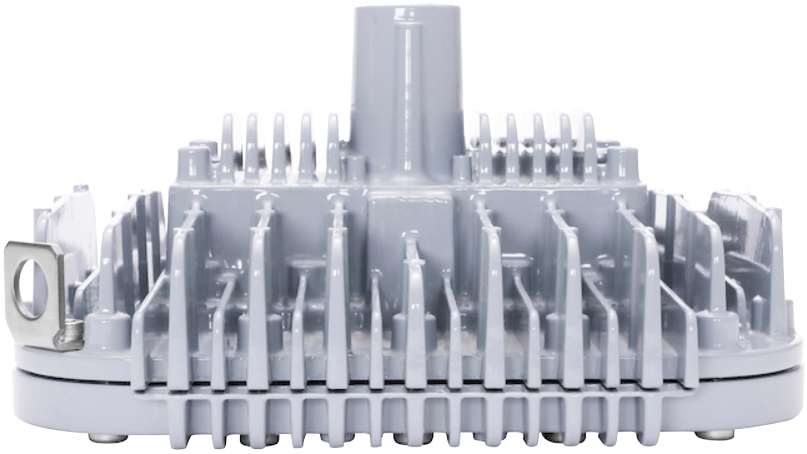
Dialight



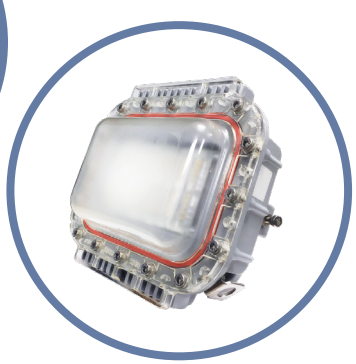
# Dialight® LED Area Light

## Technical Specification Sheet - Americas

MARCH 2025

# Vigilant® LED Area Light

## 100-277 VAC, 120-250 VDC

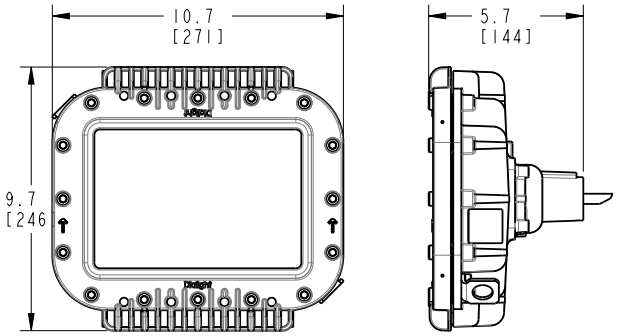


### Certifications & Ratings*

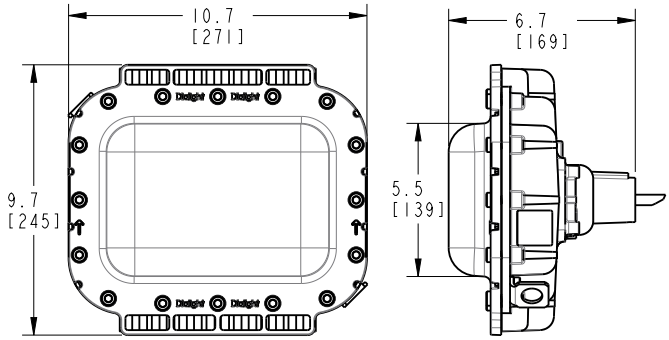
- 10 year warranty
- L70 > 150,000 hours @ 65°C
- UL 1598/A
- CSA C22.2 No. 250
- NOM
- IP66 / 67 / 69
- NEMA 4X
- Factory sealed

*ETL listed

### Tempered Glass Lens




### Polycarbonate Lens




Dimensions in inches [mm]
Additional dimensional drawings on pages 30-35

### Mechanical Information:

| | |
|---|---|
| **Fixture weight:** | 10 lb (4.5 kg) - Polycarbonate lens<br>12 lb (5.5 kg) - Tempered glass lens |
| with stainless steel bracket: | 13 lb (5.9 kg) - Polycarbonate lens<br>15 lb (6.8 kg) - Tempered glass lens |
| **Shipping weight:** | Add 2 lb (0.91 kg) to weights above |
| **Impact rating:** | IK10 - Polycarbonate lens<br>IK07 - Tempered glass lens |
| **Cabling:** | 10' STOOW 1.02 mm 18 AWG |

### Electrical Specifications:

| | |
|---|---|
| **Operating voltage:** | 100-277 VAC 50/60Hz, 120-250 VDC |
| **Operating temperature:** | -40°F to +149°F (-40°C to +65°C) |
| **EMC:** | FCC Title 47, Subpart B, Section 15, Class A device<br>RF Immunity 20V/m 80MHz-1GHz. |
| **Transient protection:** | 6 kV, 2 Ohm line-line and line-ground |
| **Harmonics:** | IEC 61000-3-2, Class C |
| **THD:** | < 20% |
| **Power factor:** | > 0.9 |

### Construction:

| | |
|---|---|
| **Housing:** | Copper-free aluminum |
| **Finish:** | Superior dual coat finish<br>- Sealed polyester topcoat<br>- Epoxy primer |
| **Lens:** | Hard-coated polycarbonate<br>Tempered glass |

### Photometric Information:

| | |
|---|---|
| **CRI:** | 80 |
| **CCT:** | 5000K (cool white)<br>4000K (neutral white)<br>2700K (warm white) |
| **Optics:** | 360°<br>180° forward throw for 45° mounting<br>Wide for 0° mounting |

All values typical unless otherwise stated (tolerance +/- 10%)

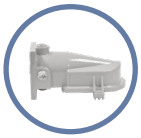
**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

# Vigilant® LED Area Light

## 100-277 VAC, 120-250 VDC with Universal Mounting Adapter

### Universal Mounting Adapter

For use with HZXW01, HZXW45, HZXS45 or HZXFM brackets sold separately


HZXW01

HZXS45

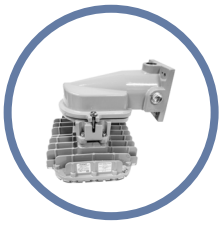
HZXS90 / HZXT90

HZXS25

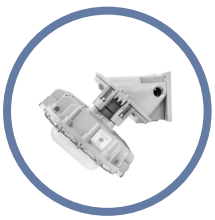
HZXW45

HZXFM

### Wall & Ceiling Mount



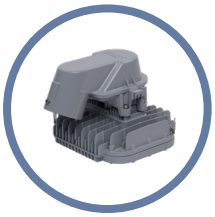
### 45° Wall Mount



### Ceiling Mount

### 45° Stanchion Mount

### 25° Stanchion Mount



### 90° Stanchion Mount

### Certifications & Ratings*

- 10 year warranty
- L70 > 150,000h @ 65°C
- UL 1598/A
- CSA C22.2 No. 250
- NOM
- IP66 / 67
- NEMA 4X
- Factory sealed

*ETL listed

### Mechanical Information:

**Fixture weight:**

| | |
|---|---|
| UMA models: | 12 lb (5.5 kg) - Polycarbonate lens<br>15 lb (6.8 kg) - Tempered glass lens |
| Wall mount models: | 15 lb (6.8 kg) - Polycarbonate lens<br>18 lb (8.2 kg) - Tempered glass lens |
| 45° wall mount models: | 14 lb (6.4 kg) - Polycarbonate lens<br>17 lb (7.7 kg) - Tempered glass lens |
| 45° stanchion mount: | 15 lb (6.8 kg) - Polycarbonate lens<br>18 lb (8.2 kg) - Tempered glass lens |
| Ceiling mount: | 14 lb (6.4 kg) - Polycarbonate lens<br>7 lb (7.7 kg) - Tempered glass lens |
| 90° stanchion mount: | 16 lb (7.2 kg) - Polycarbonate lens<br>19 lb (8.6 kg) - Tempered glass lens |

| | |
|---|---|
| **Shipping weight:** | Add 2 lb (0.91 kg) to weights above |
| **Impact rating:** | IK10 - Polycarbonate lens<br>IK07 - Tempered glass lens |
| **Cabling:** | 14" leads 1.02 mm 18 AWG |

### Electrical Specifications:

| | |
|---|---|
| **Operating voltage:** | 100-277 VAC 50/60 Hz, 120-250 VDC |
| **Operating temperature:** | -40°F to +149°F (-40°C to +65°C) |
| **EMC:** | FCC Title 47, Subpart B, Section 15, Class A device<br>RF Immunity 20V/m 80MHz-1GHz. |
| **Transient protection:** | 6 kV, 2 Ohm line-line and line-ground |
| **Harmonics:** | IEC 61000-3-2, Class C |
| **THD:** | < 20% |
| **Power factor:** | > 0.9 |

### Construction:

| | |
|---|---|
| **Housing:** | Copper-free aluminum |
| **Finish:** | Superior dual coat finish<br>- Sealed polyester topcoat<br>- Epoxy primer |
| **Lens:** | Hard-coated polycarbonate<br>Tempered glass |

### Photometric Information:

| | |
|---|---|
| **CRI:** | 80 |
| **CCT:** | 5000K (cool white)<br>4000K (neutral white)<br>2700K (warm white) |
| **Optics:** | 360°<br>180° forward throw for 45° mounting<br>Wide for 0° mounting |

All values typical unless otherwise stated (tolerance +/- 10%)

Additional dimensional drawings on pages 30-35

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

# Vigilant® LED Area Light

## 100-277 VAC, 120-250 VDC

| Project Information | | |
|---|---|---|
| Part Number: | | |
| Project: | | |
| Fixture Type: | | Date: |

| Specifications |
|---|
| |
| |
| |
| |

## Ordering Information

| AL | - | U | - | | - | | - | | - | 2 | - | | - | | - | | - | | - | N | - | G | - | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product Code | | Cert. | | Lens Material | | Beam Dist. | | CCT & CRI | | Oper. Voltage | | Lumen Type | | Controls | | Mounting Options | | HW Access. | | Elect. Access. | | Coatings | | Battery |

### Product Code

| | |
|---|---|
| AL | Area Light |

### Certification

| | |
|---|---|
| U | UL 1598/A CSA 22.2 No. 250.0 |

### Lens Material

| | |
|---|---|
| 5 | Polycarbonate - Diffused |
| 7 | Tempered Glass - Clear |

### Beam Distribution

| | |
|---|---|
| A | 180° |
| B | 360° |
| W | Wide |

### CCT & CRI

| | |
|---|---|
| C | Cool White 5000K - 80 CRI |
| N | Neutral White 4000K - 80 CRI |
| W | Warm White 2700K - 80 CRI |

### Operating Voltage

| | |
|---|---|
| 2 | 100-277 VAC, 120-250 VDC |

### Lumen Type

| | |
|---|---|
| 3 | 3,100 Lumens |
| 4 | 4,200 Lumens |
| 6 | 5,700 Lumens |
| 7 | 7,300 Lumens |
| 9 | 9,000 Lumens |

*For lumen output see page 21

### Controls

| | |
|---|---|
| D | Dimming (0-10V) |
| N | No Option |

### Mounting Options

| | |
|---|---|
| | Retro-fit Adapter |
| | Universal Mounting Adapter (UMA) |
| B | Swivel Bracket, Locking 0°- 90° 316 Stainless Steel |
| N | 3/4" NPT Pendant |
| A | Appleton Mercmaster III |
| C | Crouse-Hinds - Champ |
| E | GE Mini-Gard |
| G | GE Filtr-Gard |
| H | Thomas & Betts Hazlux |
| K | Killark Certilite & Certilite V |
| M | Appleton Mercmaster II |
| P | Holophane Petrolux II and III |
| F | Ceiling Mount |
| R | 90° Stanchion Mount (Slip) |
| S | 45° Stanchion Mount |
| T | 90° Stanchion Mount (NPT) |
| U | UMA - Mounting Hub |
| V | 0° Wall Mount |
| W | 45° Wall Mount |
| D | 25° Stanchion Mount |

### Hardware Accessories

| | |
|---|---|
| N | For Mounting Options - A, C, F, G, H, K, M, S, U, V, W, D (individual wire leads are terminated in adapter housing) |
| W | 10 ft (3 meter) Power Cable for Mounting Options - B, N |

### Electrical Accessories

| | |
|---|---|
| N | No Option |

### Coatings

| | |
|---|---|
| G | Gray (RAL 7040) |

### Battery

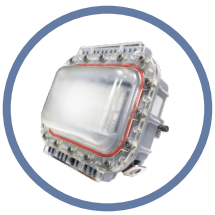
| | |
|---|---|
| N | No Option |

| Notes |
|---|
| 1) For DLC approved model, dimming option is required. |
| 2) When ordering Beam Distribution **W** - Wide: Lumen Type = **7.** |
| 3) When ordering Mounting Options "UMA" or "Retro-fit": Hardware Accessories = **N** |
| 4) When ordering Mounting Option **U** - UMA Mounting Hub HZXW01, HZXW45, HZXS45, HZXS90, HZXT90, HZXFM or HZXCV34 are required. See page 28 for details. |
| 5) Lumen outputs shown are for Tempered Glass lens, 360° optic. For additional options please see page 21. |
| 6) GE Mini-Gard retrofit adapter models are not UL1598/A Outside-Type certified. |

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Ordering Information

## Vigilant® LED Area Light - 100-277 VAC, 120-250 VDC



| 100-277 VAC, 120-250 VDC Model | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Initial Fixture Lumens | Wattage | lm/W | CCT | Lens | Beam Distribution | Controls Option | Mounting |
| ALU-7AC2-9NNW-NGN | 8,800 | 66 | 133 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AC2-9NNW-NGN | 8,100 | 66 | 123 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALU-7BC2-9NNW-NGN | 9,000 | 66 | 136 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BC2-9NNW-NGN | 8,300 | 66 | 126 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALU-7AC2-7NNW-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AC2-7NNW-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALU-7BC2-7NNW-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BC2-7NNW-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALU-7WC2-7NNW-NGN | 7,300 | 64 | 114 | CW | Tempered Glass | Wide | No Option | 3/4" NPT |
| ALU-5WC2-7NNW-NGN | 6,700 | 64 | 105 | CW | Polycarbonate Diffused | Wide | No Option | 3/4" NPT |
| ALU-7AC2-6NNW-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AC2-6NNW-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALU-7BC2-6NNW-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BC2-6NNW-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALU-7AC2-4NNW-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AC2-4NNW-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALU-7BC2-4NNW-NGN | 4,200 | 30 | 140 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BC2-4NNW-NGN | 3,900 | 30 | 130 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALU-7AC2-3NNW-NGN | 3,000 | 24 | 125 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AC2-3NNW-NGN | 2,800 | 24 | 117 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALU-7BC2-3NNW-NGN | 3,100 | 24 | 129 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BC2-3NNW-NGN | 2,800 | 24 | 117 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| **100-277 VAC, 120-250 VDC Model with Retro-fit Adapters - Crouse Hinds** | | | | | | | | |
| ALU-7BC2-7NCN-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | Retro-fit: Crouse Hinds |
| ALU-5BC2-7NCN-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: Crouse Hinds |
| ALU-7BC2-6NCN-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | Retro-fit: Crouse Hinds |
| ALU-5BC2-6NCN-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: Crouse Hinds |
| **100-277 VAC, 120-250 VDC Model with Retro-fit Adapters - GE** | | | | | | | | |
| ALU-7BC2-7NGN-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | Retro-fit: GE |
| ALU-5BC2-7NGN-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: GE |
| ALU-7BC2-6NGN-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | Retro-fit: GE |
| ALU-5BC2-6NGN-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: GE |

See ordering chart for additional options.
For DLC-approved products that require 0-10V dimming, replace the 9th character "N" with "D". ALU-7BC2-9NNW-NGN becomes ALU-7BC2-9DNW-NGN. 0-10V dimming products are supplied with a 5 conductor cable.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Ordering Information

## Vigilant® LED Area Light - 100-277 VAC, 120-250 VDC with Universal Mounting Adapter

| 100-277 VAC, 120-250 VDC with Universal Mounting Adapter | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Initial Fixture Lumens | Wattage | lm/W | CCT | Lens | Beam Distribution | Controls Option | Mounting |
| ALU-7AC2-7NUN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | UMA Hub |
| ALU-5AC2-7NUN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | UMA Hub |
| ALU-7BC2-7NUN-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | UMA Hub |
| ALU-5BC2-7NUN-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | UMA Hub |
| ALU-7AC2-6NUN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | UMA Hub |
| ALU-5AC2-6NUN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | UMA Hub |
| ALU-7BC2-6NUN-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | UMA Hub |
| ALU-5BC2-6NUN-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | UMA Hub |
| | | | | | | | | |
| ALU-7AC2-7NSN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 45° Stanchion |
| ALU-5AC2-7NSN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Stanchion |
| ALU-7AC2-6NSN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 45° Stanchion |
| ALU-5AC2-6NSN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 45° Stanchion |
| ALU-7AC2-4NSN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 45° Stanchion |
| ALU-5AC2-4NSN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Stanchion |
| | | | | | | | | |
| ALU-7AC2-7NWN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 45° Wall |
| ALU-5AC2-7NWN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Wall |
| ALU-7AC2-6NWN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 45° Wall |
| ALU-5AC2-6NWN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 45° Wall |
| ALU-7AC2-4NWN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 45° Wall |
| ALU-5AC2-4NWN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Wall |
| | | | | | | | | |
| ALU-7AC2-7NVN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 0° Wall |
| ALU-5AC2-7NVN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 0° Wall |
| ALU-7AC2-6NVN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 0° Wall |
| ALU-5AC2-6NVN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 0° Wall |
| ALU-7AC2-4NVN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 0° Wall |
| ALU-5AC2-4NVN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 0° Wall |
| | | | | | | | | |
| ALU-7BC2-7NFN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 360° | No Option | Ceiling Mount |
| ALU-5BC2-7NFN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 360° | No Option | Ceiling Mount |
| ALU-7BC2-6NFN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 360° | No Option | Ceiling Mount |
| ALU-5BC2-6NFN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 360° | No Option | Ceiling Mount |
| ALU-7BC2-4NFN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 360° | No Option | Ceiling Mount |
| ALU-5BC2-4NFN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 360° | No Option | Ceiling Mount |

See ordering chart for additional options.

For DLC-approved products that require 0-10V dimming, replace the 9th character “N” with “D”. ALU-7BC2-9NNW-NGN becomes ALU-7BC2-9DNW-NGN. 0-10V dimming products are supplied with a 5 conductor cable.

**DISCLAIMER.** All product information provided is, to the best of Dialight’s knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# DuroSite® LED Area Light

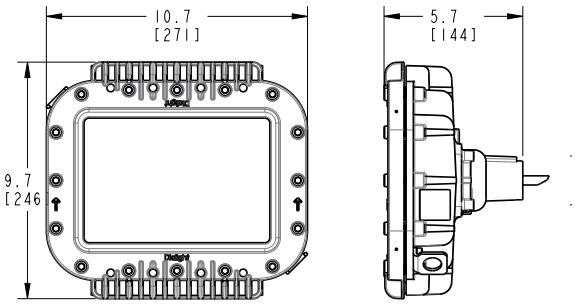
## 347/480 VAC

### Certifications & Ratings*

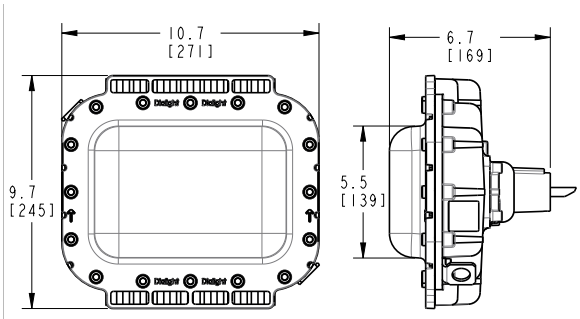
- 5 year warranty
- L70 > 100,000h @ 25°C
- UL 1598/A
- CSA C22.2 No. 250
- NOM
- IP66 / 67
- NEMA 4X

*ETL listed

## Tempered Glass Lens




## Polycarbonate Lens




Dimensions in inches [mm]
Additional dimensional drawings on pages 30-35

### Mechanical Information:

| | |
|---|---|
| **Fixture weight:** | 10 lb (4.5 kg) - Polycarbonate lens<br>12 lb (5.5 kg) - Tempered glass lens |
| with stainless steel bracket: | 13 lb (5.9 kg) - Polycarbonate lens<br>15 lb (6.8 kg) - Tempered glass lens |
| **Shipping weight:** | Add 2 lb (0.91 kg) to weights above |
| **Cabling:** | 10’ (3.5 m) 5 conductor SOOW<br>14” (0.4 m) 5 conductor SOOW<br>Terminal block option available for wall, wall 45° and stanchion 45° |
| **Impact rating:** | IK10 - Polycarbonate lens<br>IK07 - Tempered glass lens |
| **Cabling:** | 10’ STOOW 1.02 mm 18 AWG |

### Electrical Specifications:

| | |
|---|---|
| **Operating voltage:** | 347/480 VAC |
| **Total system power consumption:** | See table |
| **Operating temperature:** | -40°F to +149°F (-40°C to +65°C) |
| **EMC:** | FCC Title 47, Subpart B, Section 15, Class A device<br>CISPR-15<br>RF Immunity 20V/m 80MHz-1GHz. |
| **Transient protection:** | 6 kV, 2 Ohm line-line and line-ground |
| **Harmonics:** | IEC 61000-3-2, Class C |
| **THD:** | < 20% |
| **Power factor:** | > 0.9 |

### Construction:

| | |
|---|---|
| **Housing:** | Copper-free aluminum |
| **Finish:** | Superior dual coat finish<br>- Sealed polyester topcoat<br>- Epoxy primer |
| **Lens:** | Hard-coated polycarbonate<br>Tempered glass |

### Photometric Information:

| | |
|---|---|
| **CRI:** | 75 |
| **CCT:** | 5000K (cool white) |
| **Optics:** | 360°<br>180° forward throw for 45° mounting<br>Wide for 0° mounting |

All values typical unless otherwise stated (tolerance +/- 10%)

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

# DuroSite® LED Area Light

## 347/480 VAC

| Project Information | | |
|---|---|---|
| Part Number: | | |
| Project: | | |
| Fixture Type: | | Date: |

| Specifications |
|---|
| |
| |
| |
| |

## Ordering Information

| AL | - | U | - | | - | | - | B | - | 5 | - | | - | N | - | | - | | - | N | - | G | - | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product Code | | Cert. | | Lens Material | | Beam Dist. | | CCT & CRI | | Oper. Voltage | | Lumen Type | | Controls | | Mounting Options | | HW Access. | | Elect. Access. | | Coatings | | Battery |

### Product Code

| | |
|---|---|
| AL | Area Light |

### Certification

| | |
|---|---|
| U | UL 1598/A CSA 22.2 No. 250.0 |

### Lens Material

| | |
|---|---|
| 5 | Polycarbonate - Diffused |
| 7 | Tempered Glass - Clear |

### Beam Distribution

| | |
|---|---|
| A | 180° |
| B | 360° |

### CCT & CRI

| | |
|---|---|
| B | Cool White 5000K - 70 CRI |

### Operating Voltage

| | |
|---|---|
| 5 | 347/480 VAC |

### Lumen Type

| | |
|---|---|
| 2 | 2,200 Lumens |
| 4 | 4,000 Lumens |
| 5 | 5,000 Lumens |
| 6 | 6,000 Lumens |
| 7 | 7,200 Lumens |

*For lumen output see page 22

### Controls

| | |
|---|---|
| N | No Options |

### Mounting Options

| | |
|---|---|
| | Retro-fit Adapter |
| | Universal Mounting Adapter (UMA) |
| B | Swivel Bracket, Locking 0°- 90° 316 Stainless Steel |
| N | 3/4" NPT Pendant |
| A | Appleton Mercmaster III |
| C | Crouse-Hinds - Champ |
| E | GE Mini-Gard |
| G | GE Filtr-Gard |
| H | Thomas & Betts Hazlux |
| K | Killark Certilite & Certilite V |
| M | Appleton Mercmaster II |
| P | Holophane Petrolux II and III |
| F | Ceiling Mount |
| R | 90° Stanchion Mount (Slip) |
| S | 45° Stanchion Mount |
| T | 90° Stanchion Mount (NPT) |
| U | UMA - Mounting Hub |
| V | 0° Wall Mount |
| W | 45° Wall Mount |
| D | 25° Stanchion Mount |

### Hardware Accessories

| | |
|---|---|
| N | For Mounting Options - A, C, F, G, H, K, M, S, U, V, W, D (individual wire leads are terminated in adapter housing) |
| W | 10 ft (3 meter) Power Cable for Mounting Options - B, N |

### Electrical Accessories

| | |
|---|---|
| N | No Option |

### Coatings

| | |
|---|---|
| G | Gray (RAL 7040) |

### Battery

| | |
|---|---|
| N | No Option |

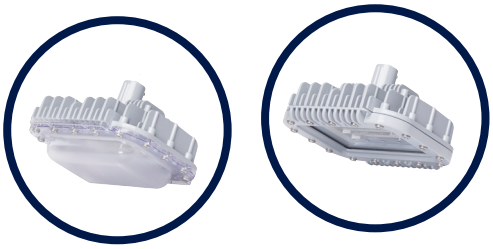
### Notes

1) When using "UMA" or "Retro-fit" mounting options, Hardware Accessories = **N**.
2) Not all lumen options available for all voltage options, consult table.
3) When ordering Mounting Option **U** - UMA Mounting Hub HZXW01, HZXW45, HZXS45, HZXS90, HZXT90, HZXFM or HZXCV34 are required. See page 28 for details.
4) Lumen outputs shown are for Tempered Glass lens, 360° optic. For additional options please see page 21.
5) GE Mini-Gard retrofit adapter models are not UL1598/A Outside-Type certified.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Ordering Information

## DuroSite® LED Area Light - 347/480 VAC



| 347/480 VAC Model | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Initial Fixture Lumens | Wattage | lm/W | CCT | Lens | Beam Distribution | Controls Option | Mounting |
| ALU-7BB5-7NNW-NGN | 7,000 | 68 | 103 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BB5-7NNW-NGN | 6,900 | 68 | 101 | CW | Poylcarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALU-7AB5-7NNW-NGN | 7,000 | 68 | 103 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AB5-7NNW-NGN | 6,900 | 68 | 101 | CW | Poylcarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALU-7BB5-6NNW-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BB5-6NNW-NGN | 5,700 | 58 | 98 | CW | Poylcarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALU-7AB5-6NNW-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AB5-6NNW-NGN | 6,000 | 58 | 103 | CW | Poylcarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALU-7BB5-4NNW-NGN | 4,000 | 38 | 105 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALU-5BB5-4NNW-NGN | 4,000 | 38 | 105 | CW | Poylcarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALU-7AB5-4NNW-NGN | 4,000 | 38 | 105 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALU-5AB5-4NNW-NGN | 4,000 | 38 | 105 | CW | Poylcarbonate Diffused | 180° | No Option | 3/4" NPT |
| **100-277 VAC, 120-250 VDC Model with Retro-fit Adapters - Crouse Hinds** | | | | | | | | |
| ALU-7BB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 360° | No Option | Retro-fit: Crouse Hinds |
| ALU-5BB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Poylcarbonate Diffused | 360° | No Option | Retro-fit: Crouse Hinds |
| ALU-7AB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 180° | No Option | Retro-fit: Crouse Hinds |
| ALU-5AB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Poylcarbonate Diffused | 180° | No Option | Retro-fit: Crouse Hinds |

See ordering chart for additional options.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# SafeSite® LED Area Light

## 100-277 VAC, 120-250 VDC

### Certifications & Ratings*

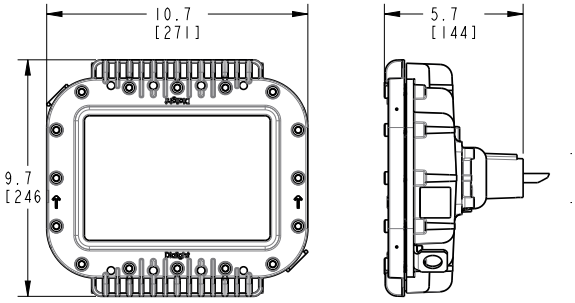
- 10 year warranty
- L70 > 150,000 hours @ 65°C
- UL 844, UL 1598/A
- CSA C22.2 No. 250
- CSA C22.2 No. 137-M81
- IP66 / 67 / 69
- NEMA 4X
- Factory sealed

### ALD/ALF:

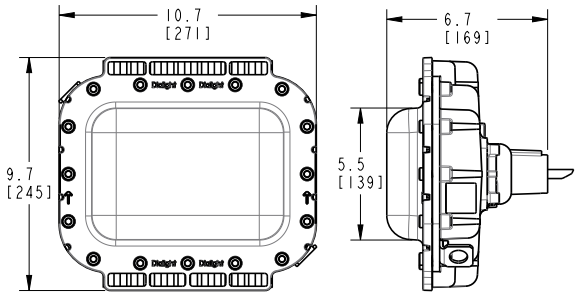
- Class I, Div. 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC
- Class II, Div. 1, Groups E, F, G
- Zone 20 and 21
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

*ETL listed

### Tempered Glass Lens




### Polycarbonate Lens




Dimensions in inches [mm]
Additional dimensional drawings on pages 30-35

### Mechanical Information:

| | |
|---|---|
| **Fixture weight:** | 10 lb (4.5 kg) - Polycarbonate lens<br>12 lb (5.5 kg) - Tempered glass lens |
| with stainless steel bracket: | 13 lb (5.9 kg) - Polycarbonate lens<br>15 lb (6.8 kg) - Tempered glass lens |
| **Shipping weight:** | Add 2 lb (0.91 kg) to weights above |
| **Impact rating:** | IK10 - Polycarbonate lens<br>IK07 - Tempered glass lens |
| **Cabling:** | 10' STOOW 1.02mm 18 AWG |

### Electrical Specifications:

| | |
|---|---|
| **Operating voltage:** | 100-277 VAC 50/60Hz, 120-250 VDC |
| **Total system power consumption:** | See table |
| **Operating temperature:** | -40°F to +149°F (-40°C to +65°C) |
| **EMC:** | FCC Title 47, Subpart B, Section 15, Class A device<br>RF Immunity 20V/m 80MHz-1GHz. |
| **Transient protection:** | 6 kV, 2 Ohm line-line and line-ground |
| **Harmonics:** | IEC 61000-3-2, Class C |
| **THD:** | < 20% |
| **Power factor:** | > 0.9 |

### Construction:

| | |
|---|---|
| **Housing:** | Copper-free aluminum |
| **Finish:** | Superior dual coat finish<br>- Sealed polyester topcoat<br>- Epoxy primer |
| **Lens:** | Hard-coated polycarbonate<br>Tempered glass |

### Photometric Information:

| | |
|---|---|
| **CRI:** | 80 |
| **CCT:** | 5000K (cool white)<br>4000K (neutral white)<br>2700K (warm white) |
| **Optics:** | 360°<br>180° forward throw for 45° mounting<br>Wide for 0° mounting |

All values typical unless otherwise stated (tolerance +/- 10%)

| Temperature Ratings | |
|---|---|
| Ambient Temperature Range T4A | Ambient Temperature Range T5 |
| -40°F to +149°F (-40°C to +65°C) | -40°F to +113°F (-40°C to +45°C) |

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

# SafeSite® LED Area Light

## 100-277 VAC, 120-250 VDC with Universal Mounting Adapter

### Universal Mounting Adapter

For use with HZXW01, HZXW45, HZXS45 or HZXFM brackets sold separately

HZXW01

HZXS45

HZXS90 / HZXT90

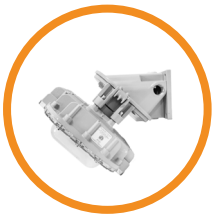
HZXS25

HZXW45

HZXFM

### Wall & Ceiling Mount

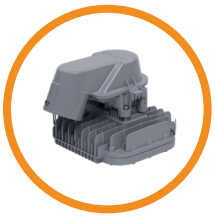
### 45° Wall Mount



### Ceiling Mount

### 45° Stanchion Mount

### 25° Stanchion Mount



### 90° Stanchion Mount

### Certifications & Ratings*

- 10 year warranty
- L70 > 150,000 hours @ 65°C
- UL 844, UL 1598/A
- CSA C22.2 No. 250
- CSA C22.2 No. 137-M81
- IP66 / 67
- NEMA 4X
- Factory sealed

### ALD/ALF:

- Class I, Div. 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC
- Class II, Div. 1, Groups E, F, G
- Zone 20 and 21
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

*ETL listed

Additional dimensional drawings on pages 30-35

### Mechanical Information:

| | |
|---|---|
| **Fixture weight:** | |
| UMA models: | 12 lb (5.5 kg) - Polycarbonate lens<br>15 lb (6.8 kg) - Tempered glass lens |
| Wall mount models: | 15 lb (6.8 kg) - Polycarbonate lens<br>18 lb (8.2 kg) - Tempered glass lens |
| 45° wall mount models: | 14 lb (6.4 kg) - Polycarbonate lens<br>17 lb (7.7 kg) - Tempered glass lens |
| 45° stanchion mount: | 15 lb (6.8 kg) - Polycarbonate lens<br>18 lb (8.2 kg) - Tempered glass lens |
| Ceiling mount: | 14 lb (6.4 kg) - Polycarbonate lens<br>7 lb (7.7 kg) - Tempered glass lens |
| 90° stanchion mount: | 16 lb (7.2 kg) - Polycarbonate lens<br>19 lb (8.6 kg) - Tempered glass lens |
| **Shipping weight:** | Add 2 lb (0.91 kg) to weights above |
| **Cabling:** | 14" leads 1.02 mm 18 AWG |
| **Impact rating:** | IK10 - Polycarbonate lens<br>IK07 - Tempered glass lens |

### Electrical Specifications:

| | |
|---|---|
| **Operating voltage:** | 100-277 VAC 50/60Hz, 120-250 VDC |
| **Operating temperature:** | -40°F to +149°F (-40°C to +65°C) |
| **EMC:** | FCC Title 47, Subpart B, Section 15, Class A device<br>RF Immunity 20V/m 80MHz-1GHz. |
| **Transient protection:** | 6 kV, 2 Ohm line-line and line-ground |
| **Harmonics:** | IEC 61000-3-2, Class C |
| **THD:** | < 20% |
| **Power factor:** | > 0.9 |

### Construction:

| | |
|---|---|
| **Housing:** | Copper-free aluminum |
| **Finish:** | Superior dual coat finish<br>- Sealed polyester topcoat<br>- Epoxy primer |
| **Lens:** | Hard-coated polycarbonate<br>Tempered glass |

### Photometric Information:

| | |
|---|---|
| **CRI:** | 80 |
| **CCT:** | 5000K (cool white)<br>4000K (neutral white)<br>2700K (warm white) |
| **Optics:** | 360°<br>180° forward throw for 45° mounting<br>Wide for 0° mounting |

All values typical unless otherwise stated (tolerance +/- 10%)

| Temperature Ratings | |
|---|---|
| Ambient Temperature Range T4A | Ambient Temperature Range T5 |
| -40°F to +149°F (-40°C to +65°C) | -40°F to +113°F (-40°C to +45°C) |

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

# SafeSite® LED Area Light

## 100-277 VAC, 120-250 VDC

| Project Information | | |
|---|---|---|
| Part Number: | | |
| Project: | | |
| Fixture Type: | | Date: |

| Specifications |
|---|
| |
| |
| |
| |

## Ordering Information

| AL | - | | - | | - | | - | | - | 2 | - | | - | | - | | - | | - | N | - | G | - | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product Code | | Cert. | | Lens Material | | Beam Dist. | | CCT & CRI | | Oper. Voltage | | Lumen Type | | Controls | | Mounting Options | | HW Access. | | Elect. Access. | | Coatings | | Battery |

### Product Code

| | |
|---|---|
| AL | Area Light |

### Certification

| | |
|---|---|
| D | UL 844 Class I, Div. 2<br>Class II, Div. 1, 2, Class III, Div. 1, 2<br>Class I, Zone 2, Group IIC,<br>CSA C22.2 No. 137-M81 |
| F | UL 844 Class II Div. 1, 2<br>Class I Div. 2, Class III, Div. 1,2<br>CSA C22.2 No. 137- M81 |

### Lens Material

| | |
|---|---|
| 5 | Polycarbonate - Diffused |
| 7 | Tempered Glass - Clear |

### Beam Distribution

| | |
|---|---|
| A | 180° |
| B | 360° |
| W | Wide |

### CCT & CRI

| | |
|---|---|
| C | Cool White 5000K - 80 CRI |
| N | Neutral White 4000K - 80 CRI |
| W | Warm White 2700K - 80 CRI |

### Operating Voltage

| | |
|---|---|
| 2 | 100-277 VAC, 120-250 VDC |

### Lumen Type

| | |
|---|---|
| 3 | 3,100 Lumens |
| 4 | 4,200 Lumens |
| 6 | 5,700 Lumens |
| 7 | 7,300 Lumens |
| 9 | 9,000 Lumens |

*For lumen output see page 21

### Controls

| | |
|---|---|
| D | Dimming (0-10V) |
| N | No Option |

### Mounting Options

| | |
|---|---|
| | Retro-fit Adapter |
| | Universal Mounting Adapter (UMA) |
| B | Swivel Bracket, Locking 0°- 90° 316 Stainless Steel |
| N | 3/4" NPT Pendant |
| A | Appleton Mercmaster III |
| C | Crouse-Hinds - Champ |
| E | GE Mini-Gard |
| G | GE Filtr-Gard |
| H | Thomas & Betts Hazlux |
| K | Killark Certilite & Certilite V |
| M | Appleton Mercmaster II |
| P | Holophane Petrolux II and III |
| F | Ceiling Mount |
| S | 45° Stanchion Mount |
| T | 90° Stanchion Mount (NPT) |
| U | UMA - Mounting Hub |
| V | 0° Wall Mount |
| W | 45° Wall Mount |
| D | 25° Stanchion Mount |

### Hardware Accessories

| | |
|---|---|
| N | For Mounting Options - A, C, F, G, H, K, M, S, U, V, W, Y (individual wire leads are terminated in adapter housing) |
| W | 10 ft (3 meter) Power Cable for Mounting Options - B, N |

### Electrical Accessories

| | |
|---|---|
| N | No Option |

### Coatings

| | |
|---|---|
| G | Gray (RAL 7040) |

### Battery

| | |
|---|---|
| N | No Option |

### Notes

1) For DLC approved model, dimming option is required.
2) GE Mini-Gard retrofit adapter models are not Class II, Div. 1 certified
3) When ordering Beam Distribution **W** - Wide: Lumen Type = **7.**
4) When ordering Mounting Options "UMA" or "Retro-fit": Hardware Accessories = **N.**
5) When ordering Mounting Option **U** - UMA Mounting Hub HZXW01, HZXW45, HZXS45, HZXT90, HZXFM or HZXCV34 are required. See page 28 for details.
6) Lumen outputs shown are for Tempered Glass lens, 360° optic. For additional options please see page 21.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Ordering Information

## SafeSite® LED Area Light - 100-277 VAC, 120-250 VDC

| 100-277 VAC, 120-250 VDC Model | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Initial Fixture Lumens | Wattage | lm/W | CCT | Lens | Beam Distribution | Controls Option | Mounting |
| ALD-7AC2-9NNW-NGN | 8,800 | 66 | 133 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AC2-9NNW-NGN | 8,100 | 66 | 123 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALD-7BC2-9NNW-NGN | 9,000 | 66 | 136 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BC2-9NNW-NGN | 8,300 | 66 | 126 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALD-7AC2-7NNW-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AC2-7NNW-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALD-7BC2-7NNW-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BC2-7NNW-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALD-7WC2-7NNW-NGN | 7,300 | 64 | 114 | CW | Tempered Glass | Wide | No Option | 3/4" NPT |
| ALD-5WC2-7NNW-NGN | 6,700 | 64 | 105 | CW | Polycarbonate Diffused | Wide | No Option | 3/4" NPT |
| ALD-7AC2-6NNW-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AC2-6NNW-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALD-7BC2-6NNW-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BC2-6NNW-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALD-7AC2-4NNW-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AC2-4NNW-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALD-7BC2-4NNW-NGN | 4,200 | 30 | 140 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BC2-4NNW-NGN | 3,900 | 30 | 130 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALD-7AC2-3NNW-NGN | 3,000 | 24 | 125 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AC2-3NNW-NGN | 2,800 | 24 | 117 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALD-7BC2-3NNW-NGN | 3,100 | 24 | 129 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BC2-3NNW-NGN | 2,800 | 24 | 117 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| **100-277 VAC, 120-250 VDC Model with Retro-fit Adapters - Crouse Hinds** | | | | | | | | |
| ALD-7BC2-7NCN-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | Retro-fit: Crouse Hinds |
| ALD-5BC2-7NCN-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: Crouse Hinds |
| ALD-7BC2-6NCN-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | Retro-fit: Crouse Hinds |
| ALD-5BC2-6NCN-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: Crouse Hinds |
| **100-277 VAC, 120-250 VDC Model with Retro-fit Adapters - GE** | | | | | | | | |
| ALD-7BC2-7NGN-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | Retro-fit: GE |
| ALD-5BC2-7NGN-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: GE |
| ALD-7BC2-6NGN-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | Retro-fit: GE |
| ALD-5BC2-6NGN-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: GE |

See ordering chart for additional options.
For DLC-approved products that require 0-10V dimming, replace the 9th character "N" with "D". ALU-7BC2-9NNW-NGN becomes ALU-7BC2-9DNW-NGN. 0-10V dimming products are supplied with a 5 conductor cable.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Ordering Information

## SafeSite® LED Area Light - 100-277 VAC, 120-250 VDC with Universal Mounting Adapter

| 100-277 VAC, 120-250 VDC with Universal Mounting Adapter | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Initial Fixture Lumens | Wattage | lm/W | CCT | Lens | Beam Distribution | Controls Option | Mounting |
| ALD-7AC2-7NUN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | UMA Hub |
| ALD-5AC2-7NUN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | UMA Hub |
| ALD-7BC2-7NUN-NGN | 7,300 | 52 | 140 | CW | Tempered Glass | 360° | No Option | UMA Hub |
| ALD-5BC2-7NUN-NGN | 6,700 | 52 | 129 | CW | Polycarbonate Diffused | 360° | No Option | UMA Hub |
| ALD-7AC2-6NUN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | UMA Hub |
| ALD-5AC2-6NUN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | UMA Hub |
| ALD-7BC2-6NUN-NGN | 5,700 | 40 | 143 | CW | Tempered Glass | 360° | No Option | UMA Hub |
| ALD-5BC2-6NUN-NGN | 5,300 | 40 | 133 | CW | Polycarbonate Diffused | 360° | No Option | UMA Hub |
| | | | | | | | | |
| ALD-7AC2-7NSN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 45° Stanchion |
| ALD-5AC2-7NSN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Stanchion |
| ALD-7AC2-6NSN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 45° Stanchion |
| ALD-5AC2-6NSN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 45° Stanchion |
| ALD-7AC2-4NSN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 45° Stanchion |
| ALD-5AC2-4NSN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Stanchion |
| | | | | | | | | |
| ALD-7AC2-7NWN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 45° Wall |
| ALD-5AC2-7NWN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Wall |
| ALD-7AC2-6NWN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 45° Wall |
| ALD-5AC2-6NWN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 45° Wall |
| ALD-7AC2-4NWN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 45° Wall |
| ALD-5AC2-4NWN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 45° Wall |
| | | | | | | | | |
| ALD-7AC2-7NVN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 180° | No Option | 0° Wall |
| ALD-5AC2-7NVN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 0° Wall |
| ALD-7AC2-6NVN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 180° | No Option | 0° Wall |
| ALD-5AC2-6NVN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 180° | No Option | 0° Wall |
| ALD-7AC2-4NVN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 180° | No Option | 0° Wall |
| ALD-5AC2-4NVN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 180° | No Option | 0° Wall |
| | | | | | | | | |
| ALD-7BC2-7NFN-NGN | 7,100 | 52 | 137 | CW | Tempered Glass | 360° | No Option | Ceiling Mount |
| ALD-5BC2-7NFN-NGN | 6,600 | 52 | 127 | CW | Polycarbonate Diffused | 360° | No Option | Ceiling Mount |
| ALD-7BC2-6NFN-NGN | 5,500 | 40 | 138 | CW | Tempered Glass | 360° | No Option | Ceiling Mount |
| ALD-5BC2-6NFN-NGN | 5,100 | 40 | 128 | CW | Polycarbonate Diffused | 360° | No Option | Ceiling Mount |
| ALD-7BC2-4NFN-NGN | 4,100 | 30 | 137 | CW | Tempered Glass | 360° | No Option | Ceiling Mount |
| ALD-5BC2-4NFN-NGN | 3,800 | 30 | 127 | CW | Polycarbonate Diffused | 360° | No Option | Ceiling Mount |

See ordering chart for additional options.
For DLC-approved products that require 0-10V dimming, replace the 9th character "N" with "D". ALU-7BC2-9NNW-NGN becomes ALU-7BC2-9DNW-NGN. 0-10V dimming products are supplied with a 5 conductor cable.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# SafeSite® LED Area Light

## Class I, Div. 1

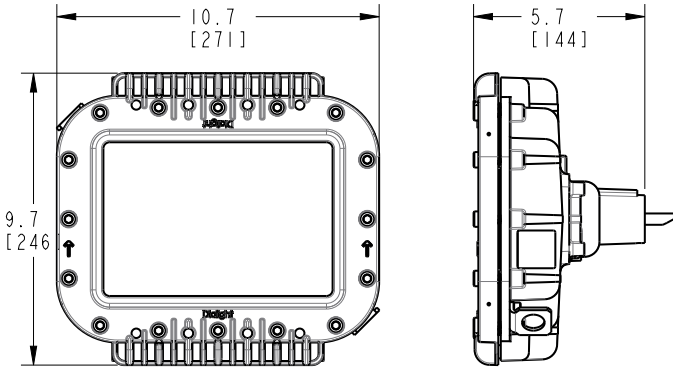
### Certifications & Ratings*

- 10 year warranty
- L70 > 150,000 hours @ 65°C
- UL 844, UL 1598/A
- CSA C22.2 No. 250
- CSA C22.2 No. 137-M81
- IP66 / 67 / 69
- NEMA 4X
- Factory sealed
- Class I, Division 1, Group B-D Locations
- Class I, Zone 1, Group IIB + Hydrogen
- Class II, Division 1, Groups E-G Locations
- Zone 21, Zone 22

### OR

- Class I, Division 1, Groups C-D Locations
- Class I, Zone 1, Group IIB
- Class II, Division 1, Groups E-G Locations
- Zone 21, Zone 22

*ETL listed




Dimensions in inches [mm]
Additional dimensional drawings on pages 30-35

### Mechanical Information:

| | |
|---|---|
| **Fixture weight:** | 15 lb (6.8 kg) |
| **Shipping weight:** | Add 2 lb (0.91 kg) to weights above |
| **Cabling:** | 10' (3.5 m) 5 conductor SOOW |
| **Impact rating:** | IK07 - Tempered glass lens |
| **Cabling:** | 10' STOOW 1.02mm 18 AWG |

### Electrical Specifications:

| | |
|---|---|
| **Operating voltage:** | 100-277 VAC 50/60Hz, 120-250 VDC |
| **Total system power consumption:** | See table |
| **Operating temperature:** | -40°F to +149°F (-40°C to +65°C) |
| **EMC:** | FCC Title 47, Subpart B, Section 15, Class A device<br>CISPR-15<br>RF Immunity 20V/m 80MHz-1GHz. |
| **Transient protection:** | 6 kV, 2 Ohm line-line and line-ground |
| **Harmonics:** | IEC 61000-3-2, Class C |
| **THD:** | < 20% |
| **Power factor:** | > 0.9 |

### Construction:

| | |
|---|---|
| **Housing:** | Copper-free aluminum |
| **Finish:** | Superior dual coat finish<br>- Sealed polyester topcoat<br>- Epoxy primer |
| **Lens:** | Tempered glass |

### Photometric Information:

| | |
|---|---|
| **CRI:** | 80 |
| **CCT:** | 5000K (cool white)<br>4000K (neutral white)<br>2700K (warm white) |
| **Optics:** | 360°<br>180° forward throw for 45° mounting<br>Wide for 0° mounting |

All values typical unless otherwise stated (tolerance +/- 10%)

| Temperature Ratings | |
|---|---|
| Ambient Temperature Range T4A | Ambient Temperature Range T5 |
| -40°F to +149°F (-40°C to +65°C) | -40°F to +113°F (-40°C to +45°C) |

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

# SafeSite® LED Area Light

## Class I, Div. 1

| Project Information | | |
|---|---|---|
| Part Number: | | |
| Project: | | |
| Fixture Type: | | Date: |

| Specifications |
|---|
| |
| |
| |
| |

## Ordering Information

| AL | - | C | - | 7 | - | | - | | - | 2 | - | | - | | - | | - | W | - | N | - | G | - | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product Code | | Cert. | | Lens Material | | Beam Dist. | | CCT & CRI | | Oper. Voltage | | Lumen Type | | Controls | | Mounting Options | | HW Access. | | Elect. Access. | | Coatings | | Battery |

### Product Code

| | |
|---|---|
| AL | Area Light |

### Certification

| | |
|---|---|
| C | Class I, Division 1, Group B-D Locations<br>Class I, Zone 1, Group IIB + Hydrogen<br>Class II, Division 1, Groups E-G Locations<br>Zone 21, Zone 22<br>OR<br>Class I, Division 1, Groups C-D Locations<br>Class I, Zone 1, Group IIB<br>Class II, Division 1, Groups E-G Locations<br>Zone 21, Zone 22 |

### Lens Material

| | |
|---|---|
| 7 | Tempered Glass - Clear |

### Beam Distribution

| | |
|---|---|
| A | 180° |
| B | 360° |
| W | Wide |

### CCT & CRI

| | |
|---|---|
| C | Cool White 5000K - 80 CRI |
| N | Neutral White 4000K - 80 CRI |
| W | Warm White 2700K - 80 CRI |

### Operating Voltage

| | |
|---|---|
| 2 | 100-277 VAC, 120-250 VDC |

### Lumen Type

| | |
|---|---|
| 3 | 3,001 - 4,000 Lumens |
| 4 | 4,001 - 5,000 Lumens |
| 6 | 5,001 - 6,000 Lumens |
| 7 | 6,001 - 7,000 Lumens |
| 9 | 8,001 - 9,000 Lumens |

### Controls

| | |
|---|---|
| D | Dimming (0-10V) |
| N | No Option |

### Mounting Options

| | |
|---|---|
| B | Swivel Bracket, Locking 0°- 90° 316 Stainless Steel |
| N | 3/4" NPT |

### Hardware Accessories

| | |
|---|---|
| W | 10 ft (3 meter) Power Cable |

### Electrical Accessories

| | |
|---|---|
| N | No Option |

### Coatings

| | |
|---|---|
| G | Gray (RAL 7040) |

### Battery

| | |
|---|---|
| N | No Option |

### Notes

1) When ordering Beam Distribution **W** - Wide: Lumen Type = **7.**

2) For lumen output see page 21.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Ordering Information

## SafeSite® LED Area Light - Class I, Div. 1

| Class I, Div. 1 Model | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Initial Fixture Lumens | Wattage | lm/W | CCT | Lens | Beam Distribution | Controls Option | Mounting |
| ALC-7BC2-9NNW-NGN | 8,600 | 66 | 130 | CW | Tempered Glass | 360 | No Option | 3/4" NPT |
| ALC-7AC2-9NNW-NGN | 8,400 | 66 | 127 | CW | Tempered Glass | 180 | No Option | 3/4" NPT |
| ALC-7BC2-7NNW-NGN | 7,000 | 52 | 135 | CW | Tempered Glass | 360 | No Option | 3/4" NPT |
| ALC-7AC2-7NNW-NGN | 6,800 | 52 | 131 | CW | Tempered Glass | 180 | No Option | 3/4" NPT |
| ALC-7BC2-6NNW-NGN | 5,400 | 40 | 135 | CW | Tempered Glass | 360 | No Option | 3/4" NPT |
| ALC-7AC2-6NNW-NGN | 5,300 | 40 | 133 | CW | Tempered Glass | 180 | No Option | 3/4" NPT |
| ALC-7BC2-4NNW-NGN | 4,000 | 30 | 133 | CW | Tempered Glass | 360 | No Option | 3/4" NPT |
| ALC-7AC2-4NNW-NGN | 3,900 | 30 | 130 | CW | Tempered Glass | 180 | No Option | 3/4" NPT |
| ALC-7BC2-3NNW-NGN | 2,900 | 24 | 121 | CW | Tempered Glass | 360 | No Option | 3/4" NPT |
| ALC-7AC2-3NNW-NGN | 2,900 | 24 | 121 | CW | Tempered Glass | 180 | No Option | 3/4" NPT |
| **100-277 VAC, 120-250 VDC Model with Adjustable Bracket** | | | | | | | | |
| ALC-7BC2-9NBW-NGN | 8,600 | 66 | 130 | CW | Tempered Glass | 360 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7AC2-9NBW-NGN | 8,400 | 66 | 127 | CW | Tempered Glass | 180 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7BC2-7NBW-NGN | 7,000 | 52 | 135 | CW | Tempered Glass | 360 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7AC2-7NBW-NGN | 6,800 | 52 | 131 | CW | Tempered Glass | 180 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7BC2-6NBW-NGN | 5,400 | 40 | 135 | CW | Tempered Glass | 360 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7AC2-6NBW-NGN | 5,300 | 40 | 133 | CW | Tempered Glass | 180 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7BC2-4NBW-NGN | 4,000 | 30 | 133 | CW | Tempered Glass | 360 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7AC2-4NBW-NGN | 3,900 | 30 | 130 | CW | Tempered Glass | 180 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7BC2-3NBW-NGN | 2,900 | 24 | 121 | CW | Tempered Glass | 360 | No Option | Stainless Steel Adjustable Bracket |
| ALC-7AC2-3NBW-NGN | 2,900 | 24 | 121 | CW | Tempered Glass | 180 | No Option | Stainless Steel Adjustable Bracket |

See ordering chart for additional options.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# SafeSite® LED Area Light

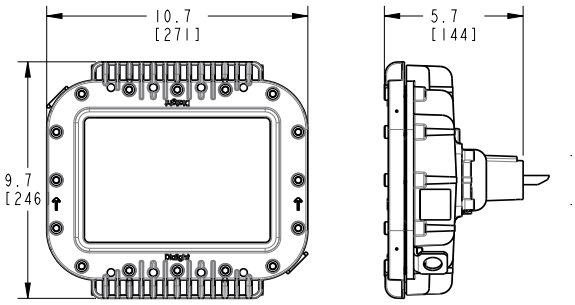
## 347/480 VAC

### Certifications & Ratings*

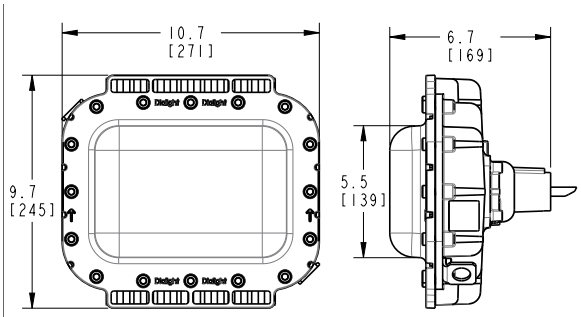
- 5 year warranty
- UL 1598/A, UL 844
- L70 > 100,000h @ 25°C
- Class I, Div. 1, Groups B, C, D
- Class I, Div. 2, Groups A, B, C, D
- Class II, Div. 1, Groups E, F, G
- Class III, Div. 1 & 2
- CSA C22.2 No. 137
- CSA C22.2 No. 250
- IP66 / 67
- NEMA 4X

*ETL listed

### Tempered Glass Lens




### Polycarbonate Lens




Dimensions in inches [mm]
Additional dimensional drawings on pages 30-35

### Mechanical Information:

| | |
|---|---|
| **Fixture weight:** | 10 lb (4.5 kg) - Polycarbonate lens<br>12 lb (5.5 kg) - Tempered glass lens |
| Wall mount models: | 15 lb (6.8 kg) - Polycarbonate lens<br>18 lb (8.2 kg) - Tempered glass lens |
| 45° wall mount models: | 14 lb (6.4 kg) - Polycarbonate lens<br>17 lb (7.7 kg) - Tempered glass lens |
| 45° stanchion mount: | 15 lb (6.8 kg) - Polycarbonate lens<br>18 lb (8.2 kg) - Tempered glass lens |
| 90° stanchion mount: | 16 lb (7.2 kg) - Polycarbonate lens<br>19 lb (8.6 kg) - Tempered glass lens |
| Class I, Div. 1 model: | 15 lb (6.8 kg) |
| **Shipping weight:** | Add 2 lb (0.91 kg) to weights above |
| **Impact rating:** | IK10 - Polycarbonate lens<br>IK07 - Tempered glass lens |
| **Cabling:** | 10' STOOW 1.02mm 18 AWG |

### Electrical Specifications:

| | |
|---|---|
| **Operating voltage:** | 347/480 VAC |
| **Total system power consumption:** | See table |
| **Operating temperature:** | -40°F to +149°F (-40°C to +65°C) |
| **EMC:** | FCC Title 47, Subpart B, Section 15, Class A device<br>RF Immunity 20V/m 80MHz-1GHz. |
| **Transient protection:** | 6 kV, 2 Ohm line-line and line-ground |
| **Harmonics:** | IEC 61000-3-2, Class C |
| **THD:** | < 20% |
| **Power factor:** | > 0.9 |

### Construction:

| | |
|---|---|
| **Housing:** | Copper-free aluminum |
| **Finish:** | Superior dual coat finish<br>- Sealed polyester topcoat<br>- Epoxy primer |
| **Lens:** | Tempered glass |

### Photometric Information:

| | |
|---|---|
| **CRI:** | 75 |
| **CCT:** | 5000K (cool white) |
| **Optics:** | 360°<br>180° forward throw for 45° mounting |

All values typical unless otherwise stated (tolerance +/- 10%)

| Temperature Ratings | |
|---|---|
| Ambient Temperature Range T4A | Ambient Temperature Range T5 |
| -40°F to +149°F (-40°C to +65°C) | -40°F to +113°F (-40°C to +45°C) |

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

# SafeSite® LED Area Light

## 347/480 VAC

| Project Information | | |
|---|---|---|
| Part Number: | | |
| Project: | | |
| Fixture Type: | | Date: |

| Specifications |
|---|
| |
| |
| |
| |

## Ordering Information

| AL | - | | - | | - | | - | B | - | 5 | - | | - | N | - | | - | | - | N | - | G | - | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product Code | | Cert. | | Lens Material | | Beam Dist. | | CCT & CRI | | Oper. Voltage | | Lumen Type | | Controls | | Mounting Options | | HW Access. | | Elect. Access. | | Coatings | | Battery |

### Product Code

| | |
|---|---|
| AL | Area Light |

### Certification

| | |
|---|---|
| C | Class I Div. 1 Groups C, D<br>Class II Div. 1 Groups E, F, G<br>CSA 22.2 No. 137 |
| D | UL 844 Class I Div. 2<br>CSA 22.2 No. 137 - M81 |
| F | UL 844 Class II Div. 1, 2<br>Class I Div. 2<br>CSA 22.2 No. 137 - M81 |
| P | Class I Div. 1 Groups B, C, D<br>Class II Div. 1 Groups E, F, G<br>CSA 22.2 No. 137 |

### Lens Material

| | |
|---|---|
| 5 | Polycarbonate - Diffused |
| 7 | Tempered Glass - Clear |

### Beam Distribution

| | |
|---|---|
| A | 180° |
| B | 360° |

### CCT & CRI

| | |
|---|---|
| B | Cool White 5000K - 70 CRI |

### Operating Voltage

| | |
|---|---|
| 5 | 347/480 VAC |

### Lumen Type

| | |
|---|---|
| 2 | 2,200 Lumens |
| 4 | 4,000 Lumens |
| 5 | 5,000 Lumens |
| 6 | 6,000 Lumens |
| 7 | 7,200 Lumens |

*For lumen output see page 22

### Controls

| | |
|---|---|
| N | No Options |

### Mounting Options

| | |
|---|---|
| | Retro-fit Adapter |
| | Universal Mounting Adapter (UMA) |
| B | Swivel Bracket, Locking 0°- 90° 316 Stainless Steel |
| N | 3/4" NPT Pendant |
| A | Appleton Mercmaster III |
| C | Crouse-Hinds - Champ |
| E | GE Mini-Gard |
| G | GE Filtr-Gard |
| H | Thomas & Betts Hazlux |
| K | Killark Certilite & Certilite V |
| M | Appleton Mercmaster II |
| P | Holophane Petrolux II and III |
| F | Ceiling Mount |
| S | 45° Stanchion Mount |
| T | 90° Stanchion Mount (NPT) |
| U | UMA - Mounting Hub |
| V | 0° Wall Mount |
| W | 45° Wall Mount |
| D | 25 Stanchion |

### Hardware Accessories

| | |
|---|---|
| N | For Mounting Options - A, C, F, G, H, K, M, S, U, V, W, Y (individual wire leads are terminated in adapter housing) |
| W | 10 ft (3 meter) Power Cable Mounting Options - B, N |

### Electrical Accessories

| | |
|---|---|
| N | No Option |

### Coatings

| | |
|---|---|
| G | Gray (RAL 7040) |

### Battery

| | |
|---|---|
| N | No Option |

### Notes

1) When using "UMA" or "Retro-fit" mounting options, Hardware Accessories = **N**.

2) GE Mini-Gard retrofit adapter models are not Class II, Div. 1 certified

3) When orderings Certification option **C** or **P**:
- Lens Material = **7** - Glass - Clear
- Mounting Option = **N** - 3/4" NPT or **B** - Swivel Bracket, Locking 0°- 90° 316 Stainless Steel
- Hardware Accessories = **W** 10 ft (3 meter) Power Cable for Mounting Options - B, N

4) Lumen outputs shown are for Tempered Glass lens, 360° optic. For additional options please see page 22.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Ordering Information

## SafeSite® LED Area Light - 347/480 VAC

| 347/480 VAC Model | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part Number | Initial Fixture Lumens | Wattage | lm/W | CCT | Lens | Beam Distribution | Controls Option | Mounting |
| ALD-7BB5-7NNW-NGN | 7,200 | 68 | 106 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BB5-7NNW-NGN | 7,000 | 68 | 103 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALD-7AB5-7NNW-NGN | 7,200 | 68 | 106 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AB5-7NNW-NGN | 7,000 | 68 | 103 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALD-7BB5-6NNW-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BB5-6NNW-NGN | 5,700 | 58 | 98 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALD-7AB5-6NNW-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AB5-6NNW-NGN | 6,000 | 58 | 103 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| ALD-7BB5-4NNW-NGN | 4,000 | 38 | 105 | CW | Tempered Glass | 360° | No Option | 3/4" NPT |
| ALD-5BB5-4NNW-NGN | 3,800 | 38 | 100 | CW | Polycarbonate Diffused | 360° | No Option | 3/4" NPT |
| ALD-7AB5-4NNW-NGN | 4,000 | 38 | 105 | CW | Tempered Glass | 180° | No Option | 3/4" NPT |
| ALD-5AB5-4NNW-NGN | 3,800 | 38 | 100 | CW | Polycarbonate Diffused | 180° | No Option | 3/4" NPT |
| 347/480 VAC Model with Retro-fit Adapters - Crouse Hinds | | | | | | | | |
| ALD-7BB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 360° | No Option | Retro-fit: Crouse Hinds |
| ALD-5BB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Polycarbonate Diffused | 360° | No Option | Retro-fit: Crouse Hinds |
| ALD-7AB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Tempered Glass | 180° | No Option | Retro-fit: Crouse Hinds |
| ALD-5AB5-6NCN-NGN | 6,000 | 58 | 103 | CW | Polycarbonate Diffused | 180° | No Option | Retro-fit: Crouse Hinds |

See ordering chart for additional options.

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Lumen Tables

## Vigilant® & SafeSite® LED Area Light - 100-277 VAC, 120-250 VDC

| 100-277 VAC, 120-250 VDC | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Output Family | Beam Distribution | Lens | Wattage | Lumens 5000 CCT | 5000 CCT lm/W | Lumens 4000 CCT | 4000 CCT lm/W | Lumens 2700 CCT | 2700 CCT lm/W |
| 9,000 | 360° | Tempered Glass | 66 | 9000 | 136 | 8800 | 134 | 8200 | 124 |
| | | Class I, Div 1 Glass | | 8600 | 131 | 8400 | 128 | 7900 | 120 |
| | | Polycarbonate | | 8300 | 127 | 8100 | 123 | 7600 | 115 |
| | 180° | Tempered Glass | | 8800 | 134 | 8600 | 131 | 8000 | 121 |
| | | Class I, Div 1 Glass | | 8400 | 128 | 8200 | 125 | 7700 | 117 |
| | | Polycarbonate | | 8100 | 124 | 7900 | 120 | 7400 | 112 |
| 7,300 | 360° | Tempered Glass | 52 | 7300 | 140 | 7100 | 138 | 6700 | 129 |
| | | Class I, Div 1 Glass | | 7000 | 135 | 6800 | 132 | 6400 | 123 |
| | | Polycarbonate | | 6700 | 131 | 6500 | 126 | 6100 | 117 |
| | 180° | Tempered Glass | | 7100 | 138 | 6900 | 134 | 6500 | 125 |
| | | Class I, Div 1 Glass | | 6800 | 132 | 6600 | 128 | 6200 | 119 |
| | | Polycarbonate | | 6600 | 128 | 6400 | 124 | 6000 | 115 |
| | Wide | Tempered Glass | 64 | 7300 | 114 | 7100 | 112 | 6700 | 105 |
| | | Class I, Div 1 Glass | | 7000 | 110 | 6800 | 107 | 6400 | 100 |
| | | Polycarbonate | | 6700 | 106 | 6500 | 103 | 6100 | 95 |
| 5,700 | 360° | Tempered Glass | 40 | 5700 | 143 | 5500 | 140 | 5200 | 130 |
| | | Class I, Div 1 Glass | | 5400 | 137 | 5200 | 132 | 4900 | 123 |
| | | Polycarbonate | | 5300 | 133 | 5100 | 130 | 4800 | 120 |
| | 180° | Tempered Glass | | 5500 | 140 | 5300 | 135 | 5000 | 125 |
| | | Class I, Div 1 Glass | | 5300 | 134 | 5100 | 130 | 4800 | 120 |
| | | Polycarbonate | | 5100 | 130 | 4900 | 125 | 4600 | 115 |
| 4,200 | 360° | Tempered Glass | 30 | 4200 | 140 | 4100 | 137 | 3800 | 127 |
| | | Class I, Div 1 Glass | | 4000 | 134 | 3900 | 131 | 3600 | 120 |
| | | Polycarbonate | | 3900 | 130 | 3800 | 127 | 3900 | 130 |
| | 180° | Tempered Glass | | 4100 | 137 | 4000 | 134 | 4100 | 137 |
| | | Class I, Div 1 Glass | | 3900 | 132 | 3800 | 127 | 3900 | 130 |
| | | Polycarbonate | | 3800 | 127 | 3700 | 124 | 3400 | 113 |
| 3,100 | 360° | Tempered Glass | 24 | 3100 | 129 | 3000 | 127 | 2800 | 117 |
| | | Class I, Div 1 Glass | | 2900 | 124 | 2900 | 121 | 2600 | 108 |
| | | Polycarbonate | | 2800 | 120 | 2700 | 114 | 2500 | 104 |
| | 180° | Tempered Glass | | 3000 | 127 | 2900 | 123 | 2700 | 113 |
| | | Class I, Div 1 Glass | | 2900 | 121 | 2800 | 118 | 2600 | 108 |
| | | Polycarbonate | | 2800 | 118 | 2700 | 114 | 2500 | 104 |

All values typical unless otherwise stated (tolerance +/- 10%)
For lighting layouts, please find IES files at www.dialight.com

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Lumen Tables

## DuroSite® & SafeSite® LED Area Light - 347/480 VAC

| 347/480 VAC | | | | | | | |
|---|---|---|---|---|---|---|---|
| Output Family | Beam Distribution | Lens | Wattage | Lumens 5000 CCT | 5000 CCT lm/W | Lumens 4000 CCT | 4000 CCT lm/W |
| 7,250 | 360° | Tempered Glass | 68 | 7200 | 107 | 7100 | 104 |
| | | Class I, Div 1 Glass | | 6900 | 102 | 6800 | 100 |
| | | Polycarbonate | | 6900 | 102 | 6800 | 100 |
| | 180° | Tempered Glass | | 7200 | 107 | 7100 | 104 |
| | | Class I, Div 1 Glass | | 6900 | 102 | 6800 | 100 |
| | | Polycarbonate | | 6900 | 102 | 6800 | 100 |
| 6,000 | 360° | Tempered Glass | 58 | 6000 | 103 | 5800 | 101 |
| | | Class I, Div 1 Glass | | 5700 | 99 | 5600 | 97 |
| | | Polycarbonate | | 5700 | 99 | 5600 | 97 |
| | 180° | Tempered Glass | | 6000 | 103 | 5800 | 101 |
| | | Class I, Div 1 Glass | | 5700 | 99 | 5600 | 97 |
| | | Polycarbonate | | 5700 | 99 | 5600 | 97 |
| 5,000 | 360° | Tempered Glass | 47 | 5000 | 106 | 4900 | 104 |
| | | Class I, Div 1 Glass | | 4800 | 102 | 4700 | 100 |
| | | Polycarbonate | | 4800 | 102 | 4700 | 100 |
| | 180° | Tempered Glass | | 5000 | 106 | 4900 | 104 |
| | | Class I, Div 1 Glass | | 4800 | 106 | 4700 | 100 |
| | | Polycarbonate | | 4800 | 102 | 4700 | 100 |
| 4,100 | Wide | Polycarbonate | 55 | 4100 | 75 | 4000 | 73 |
| 4,000 | 360° | Tempered Glass | 38 | 4000 | 105 | 3900 | 103 |
| | | Class I, Div 1 Glass | | 3800 | 101 | 3700 | 99 |
| | | Polycarbonate | | 3800 | 101 | 3700 | 99 |
| | 180° | Tempered Glass | | 4000 | 105 | 3900 | 103 |
| | | Class I, Div 1 Glass | | 3800 | 101 | 3700 | 99 |
| | | Polycarbonate | | 3800 | 101 | 3700 | 99 |
| 2,200 | 360° | Tempered Glass | 21 | 2200 | 105 | 2200 | 105 |
| | | Class I, Div 1 Glass | | 2200 | 105 | 2200 | 105 |
| | | Polycarbonate | | 2200 | 105 | 2200 | 105 |
| | 180° | Tempered Glass | | 2200 | 105 | 2200 | 105 |
| | | Class I, Div 1 Glass | | 2200 | 105 | 2200 | 105 |
| | | Polycarbonate | | 2200 | 105 | 2200 | 105 |

All values typical unless otherwise stated (tolerance +/- 10%)
For lighting layouts, please find IES files at www.dialight.com

Measured LED temperature for an ambient temperature range of 25°C to 65°C and calculated lumen maintenance using TM-21 calculator and LED LM80 data.
Data in the above tables relates to 100 – 277 VAC, 120-250 VDC product. For information about 347/480 VAC, 24-48 VDC, Battery back-up products please visit www.dialight.com.

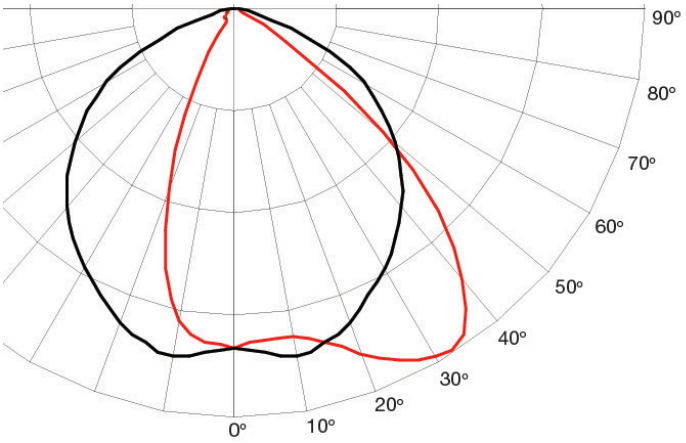
**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Beam Distribution

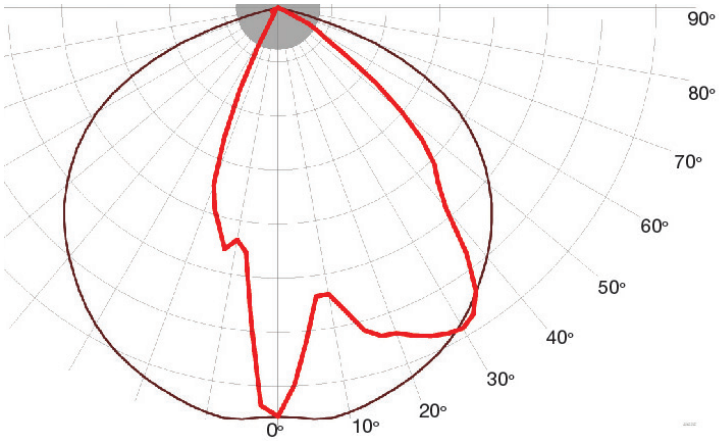
= 0°
= 90°

## 180° Beam Angle

100-277 VAC, 120-250 VDC

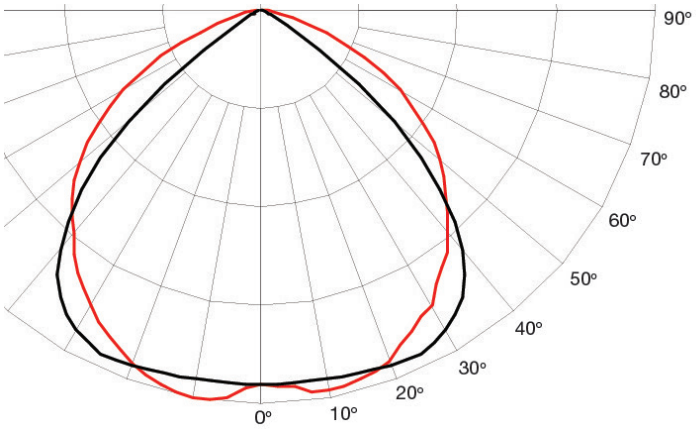



347/480 VAC, 24-48 VDC

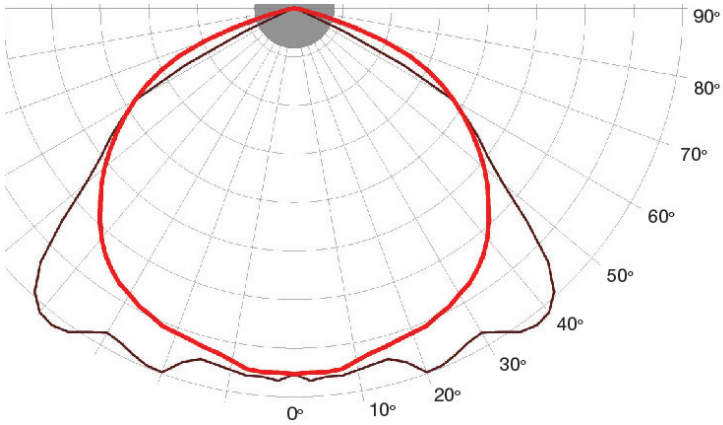



## 360° Beam Angle

100-277 VAC, 120-250 VDC

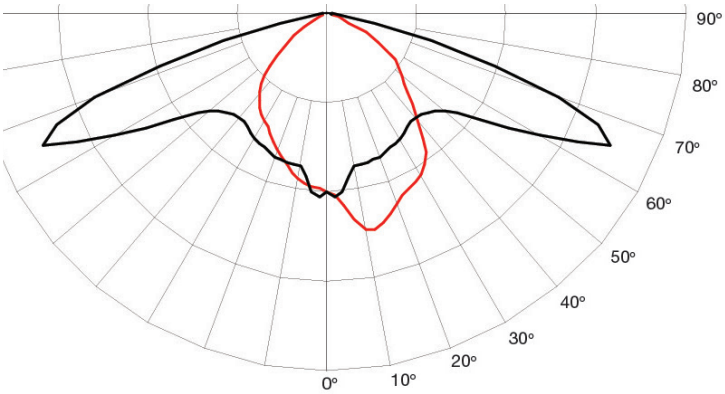



347/480 VAC, 24-48 VDC

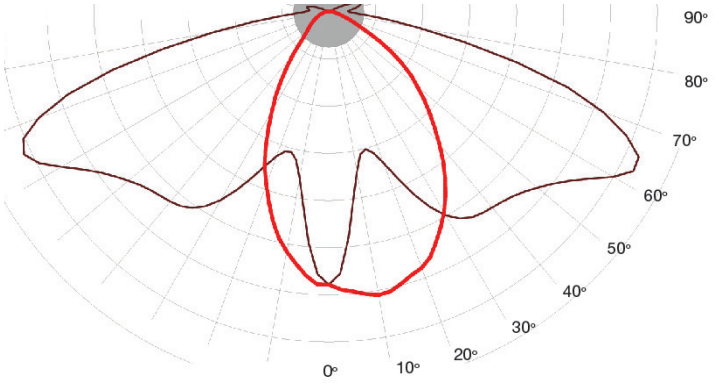



## Wide Beam Angle

100-277 VAC, 120-250 VDC



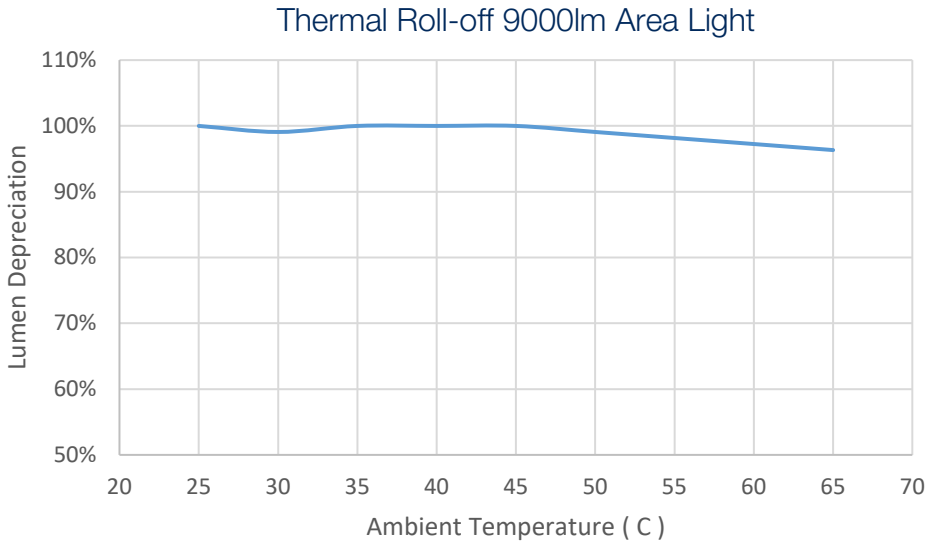

347/480 VAC, 24-48 VDC




**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Thermal Roll-Off

## Vigilant® & SafeSite® LED Area Light - 100-277 VAC, 120-250 VDC




| Ambient Temperature (°C) | Lumen Degradation |
|---|---|
| 25° | 100% |
| 30° | 99% |
| 35° | 100% |
| 40° | 100% |
| 45° | 100% |
| 50° | 99% |
| 55° | 98% |
| 60° | 97% |
| 65° | 96% |

All values typical unless otherwise stated (tolerance +/- 10%)

# In Rush Current / Circuit Breakers

## Vigilant® & SafeSite® LED Area Light - 100-277 VAC, 120-250 VDC

| Model | Wattage | In rush current @ input voltage | | | Time duration of in rush current @ input voltage | | |
|---|---|---|---|---|---|---|---|
| | | 120 VAC | 230 VAC | 277 VAC | 120 VAC | 230 VAC | 277 VAC |
| 9K | 66 | 8A | 15A | 18A | 1ms | 1ms | 1ms |
| 7K | 52 | 8A | 15A | 18A | 1ms | 1ms | 1ms |
| 7K Wide | 64 | 8A | 15A | 18A | 1ms | 1ms | 1ms |
| 5.5K | 40 | 8A | 15A | 18A | 1ms | 1ms | 1ms |
| 4K | 30 | 8A | 15A | 18A | 1ms | 1ms | 1ms |
| 3K | 24 | 8A | 15A | 18A | 1ms | 1ms | 1ms |

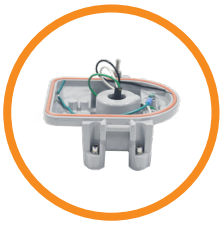
**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Mounting Options

## Universal Mounting Adapter

Area Light Base

+


HZXUMA

=

UMA Area Light

Our new Universal Mounting Adapter, now provides even greater flexibility by allowing you to modify stock you have on-hand to configure based on the needs of your customer without having to stock a lot of factory installed systems. All available in UL1598/A and UL844 Class I, Div. 2, Class II, and Class III certified options, as well as CSA and NOM certifications.

## **Area Lights** with Universal Mounting Adapter & Brackets Sold Separately

UMA Area Light
ALx-xxxx-xxUx-xxN

+

Stanchion 45°
HZXS45

Wall 45°
HZXW45

Wall 0°
HZXW01

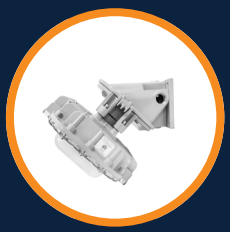
Stanchion 90°
HZXS90 / HZXT90

Ceiling
HZXFM

Stanchion 25°
HZXS25

## **Area Lights** with Purchased Brackets Factory Installed

Stanchion 45°


Wall 45°

Wall 0°

Stanchion 25°

Ceiling

Stanchion 90°

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Mounting Accessories

**HZXSAFECBLS**
- Safety cable kit

Certified to: UL 50E • CSA C22.2 No. 94.2-07

**HZXSTAN100S**
- 1.00" (1.315" Pole OD) Slip-fit stanchion mount

**HZXSTAN125S**
- 1.25" (1.660" Pole OD) Slip-fit stanchion mount

**HZXSTAN150S**
- 1.50" (1.900" Pole OD) Slip-fit stanchion mount

**HZXSTAN200S**
- 2.00" (2.375" Pole OD) Slip-fit stanchion mount

**HZXSTAN100T**
- 1.00" (1.315" Pole OD) NPT threaded stanchion mount

**HZXSTAN125T**
- 1.25" (1.660" Pole OD) NPT threaded stanchion mount

**HZXSTAN150T**
- 1.50" (1.900" Pole OD) NPT threaded stanchion mount

**HZXSTAN200T**
- 2.00" (2.375" Pole OD) NPT threaded stanchion mount

**HZXW3**
- 316 stainless steel bracket

**HZXW7**
- Aluminum bracket

**HZXW4**
- 316 stainless steel bracket with pipe clamp

**HZXW8**
- Aluminum bracket with pipe clamp

Certified to: UL 50E • CSA C22.2 No. 94.2-07

**HZXJB075**
- 0.75" Ceiling / Wall / Pole mount junction box

**HZXJB100**
- 1.00" Ceiling / Wall / Pole mount junction box

**HZXJB125**
- 1.25" Ceiling / Wall / Pole mount junction box

**HZXJB150**
- 1.50" Ceiling / Wall / Pole mount junction box

Certified to: UL 50E • UL 1203
ISA 12.12.01 • CSA C22.2 No. 94.2-07

**HBXC1**
- 0.75" NPT Ceiling mount

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Mounting Options

## Retro-fit Adapters

### **Area Lights** with Retro-fit Adapters

Killark® Certilite® & Certilite® V
HZXTHKL

Appleton® Mercmaster III
HZXTHAP

Crouse-Hinds Champ®
HZXTHCH

Holophane® Petrolux II, III
HZXTHP3

Appleton® Mercmaster II
HZXTHM2

Thomas & Betts Hazlux®
HZXTHTB

GE Filtr-Gard™
HZXTHGE

GE Mini-Gard™
HZXTHMG

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Retro-fit Options

Retro-fit adapters can be factory installed. See product ordering information for details.

Eaton's Crouse-Hinds – Champ®
GE Lighting Solutions – Filtr-Gard™
GE Lighting Solutions – Mini-Gard™
Holophane Petrolux® II, III
Thomas & Betts Hazlux®
Appleton® Mercmaster III
Appleton® Mercmaster II
Killark® Certilite® & Certilite® V

*Petrolux adapter available as a standalonne accessory only

| Eaton's Crouse-Hinds – Champ® - HZXTHCH | | | | |
|---|---|---|---|---|
| **Pendant** | **Ceiling** | **Wall** | **Stanchion** | **Quad Mount** |
| APM2 | CM2 | TWM2 | JM5 | QM25 |
| APM3 | CM3 | TWM3 | PM5 | |
| HPM2 | | | | |

| GE Lighting Solutions – Filtr-Gard™ - HZXTHGE | | | | |
|---|---|---|---|---|
| **Pendant** | **Ceiling** | **Wall** | **Stanchion** | **Quad Mount** |
| 3P | 3F | 3C | 3W | 5S |
| 4P | 4F | | 4W | 6S |
| | | | | 5J, 6J |

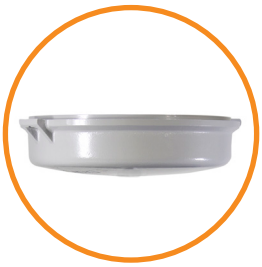
| Holophane® Petrolux II, III - HZXTHP3 | | | | |
|---|---|---|---|---|
| **Pendant** | **Universal** | **Stanchion** | **Ceiling** | **Wall** |
| PD | UN | SA | CD | WL |
| GH | | ST | CE | W |
| P | | A | B, C, D | |

| GE Lighting Solutions – Mini-Gard™ - HZXTHMG | | | |
|---|---|---|---|
| **Pendant** | **Ceiling** | **Stanchion** | **Wall** |
| 3P | 3C | 5S | 3W |
| 4P | 4C | 5J | 4W |
| | | 6S | |
| | | 6J | |

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Retro-fit Options

| Thomas & Betts Hazlux® - HZXTHTB | | | | |
|---|---|---|---|---|
| **Pendant** | **Pendant Cone** | **Flexible Pendant** | **Ceiling** | **Wall** |
| VP2 | VA2 | VF2 | VC2 | VB2 |
| VP3 | VA3 | VF3 | VC3 | VB3 |
| **Wall** | **25° Angle Stanchion** | **25° AngleStanchion** | **Straight Stanchion** | **Straight Stanchion** |
| VB2-VIB | VS4 | VS4-VIB | VL4 | VL4-VIB |
| VB3-VIB | VS5 | VS5-VIB | VL5 | VL5-VIB |



| Appleton® Mercmaster III - HZXTHAP | | | |
|---|---|---|---|
| **Pendant** | **Ceiling** | **Wall** | **Stanchion** |
| KPA- 75, 100 | KPC-75 | KPWB-75 | KPS-125 |
| KPAF-75, 100 | KPC-100 | KPWB-100 | KPS-150 |
| KPCH-75, 100 | | | KPST-125 |
| | | | KPST-150 |

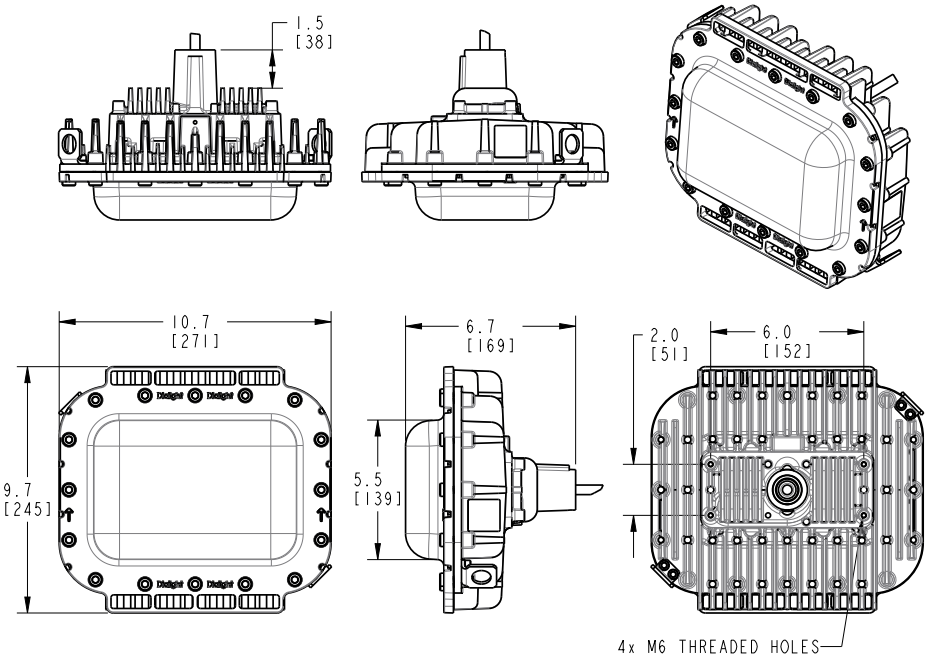
| Appleton® Mercmaster II - HZXTHM2 | | | |
|---|---|---|---|
| **Pendant** | **Ceiling** | **Wall** | **Stanchion** |
| LPA-75 | LPC-75 | LPWB-75 | LPS-125 |
| LPA-100 | LPC-100 | LPWB-100 | LPS-150 |

| Killark® Certilite® & Certilite® V - HZXTHKL | | | |
|---|---|---|---|
| **Pendant** | **Ceiling** | **Wall** | **Stanchion** |
| VMA2B & VMA-2 | VMX2B & VMX-2 | VMB2B & VMB-2 | VMD4B |
| VMA3B & VMA-3 | VMX3B & VMX-3 | VMB3B & VMB-3 | VMD5B |
| VMC2B & VMC-2 | VMX6B, 7B, 8B, 9B | | VMS5B |
| VMC3B & VMC-3 | | | |
| VMF2B, 3B | | | |

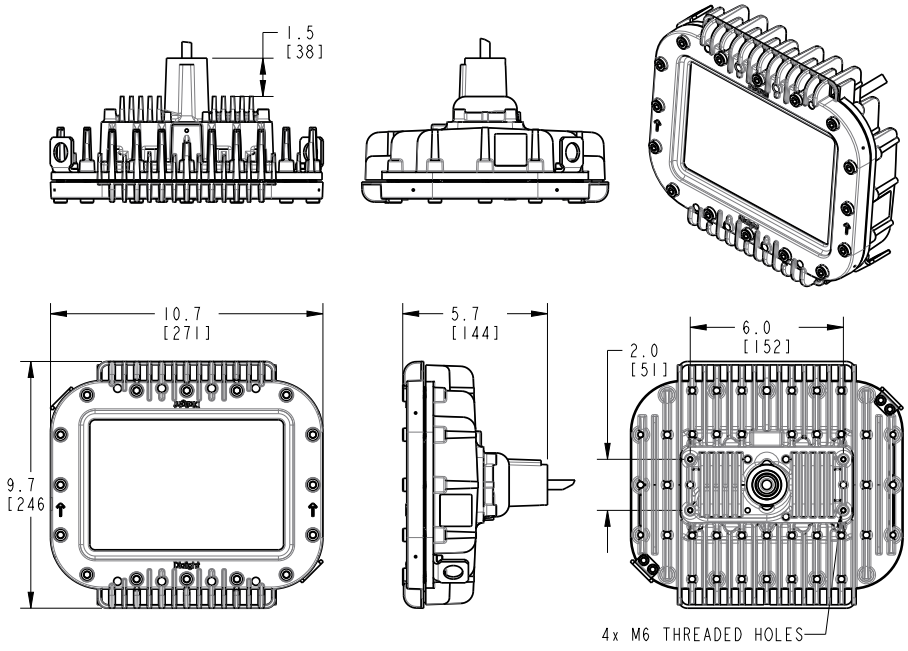
**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Dimensional Drawings - Area Light

## Polycarbonate Lens




## Tempered Glass Lens

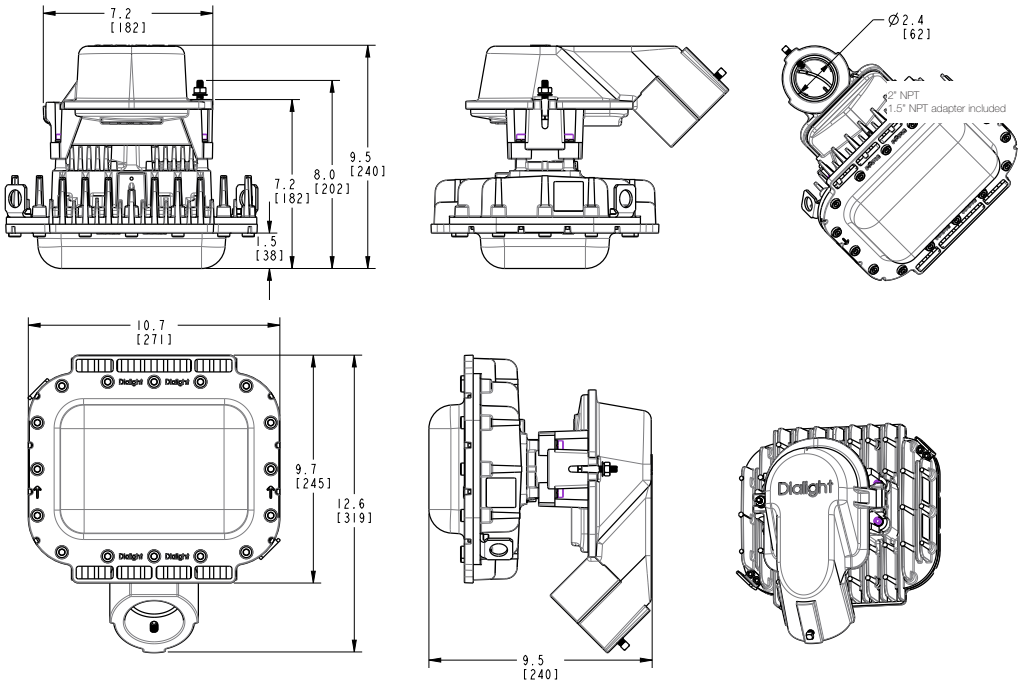



Dimensions in inches [mm]

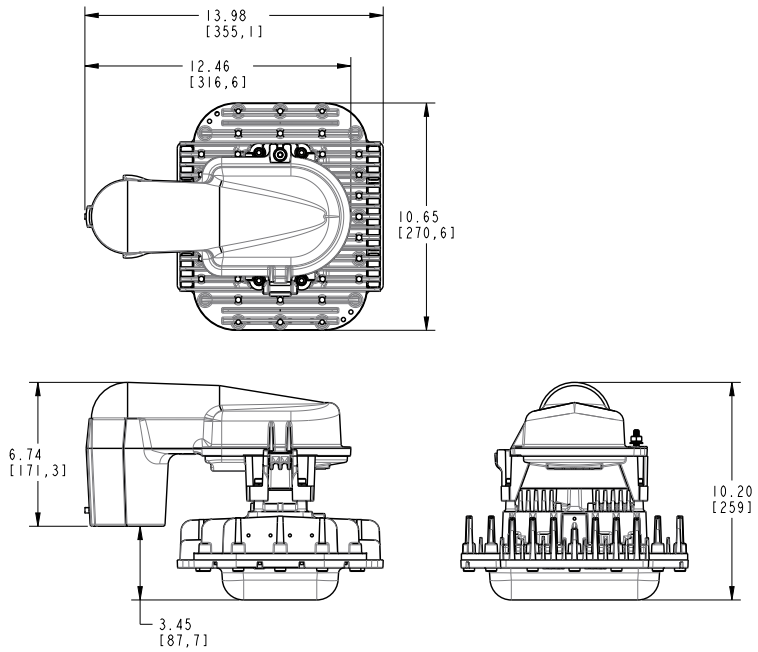
**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Dimensional Drawings - Universal Mounting Adapter

## 45° Stanchion Mount




## 90° Stanchion Mount

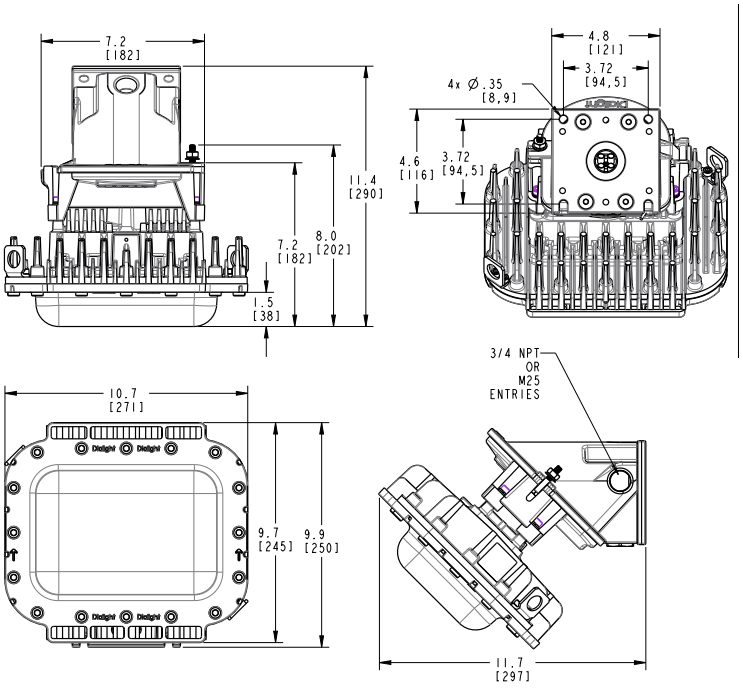



Dimensions in inches [mm]

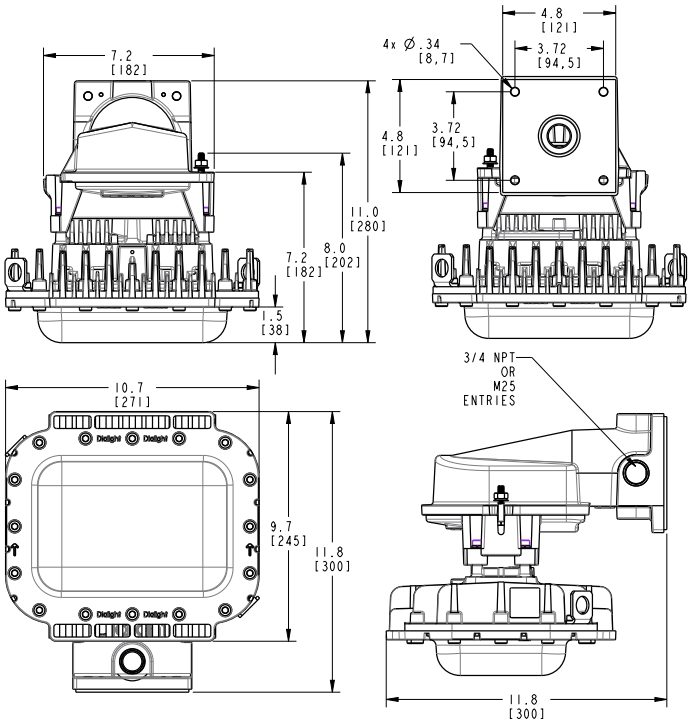
**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Dimensional Drawings - Universal Mounting Adapters

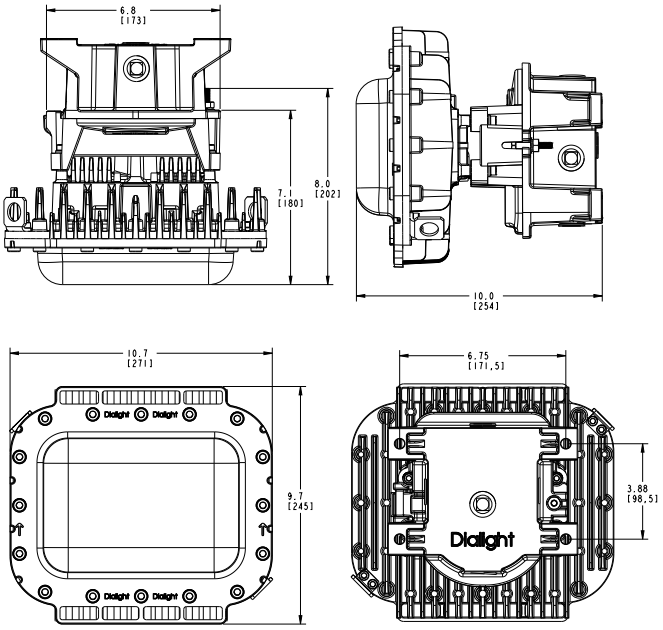
## 45° Wall Mount



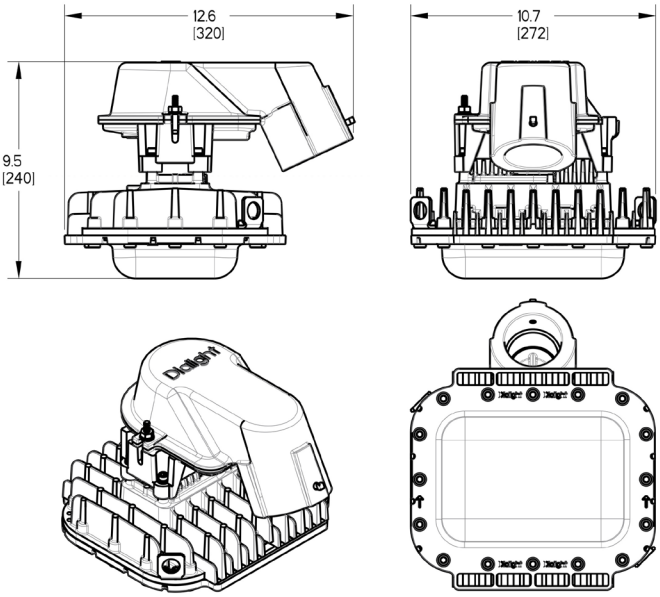

## Wall Mount




## Ceiling Mount




## 25° Stanchion Mountount

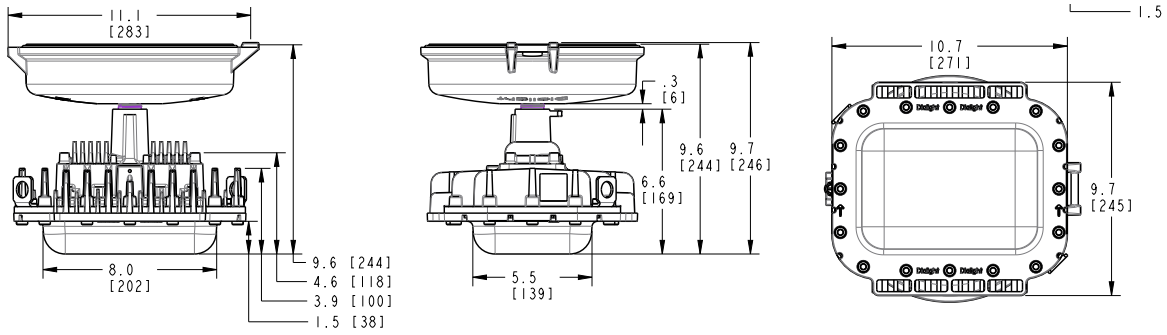



Dimensions in inches [mm]

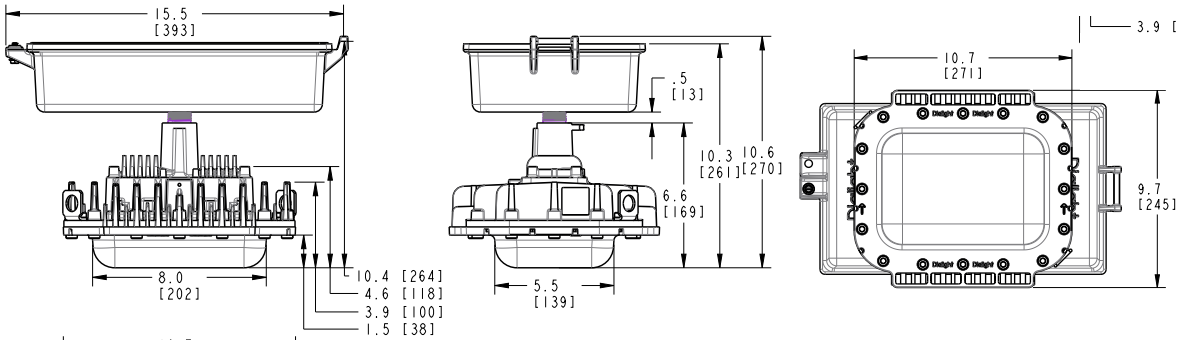
**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Dimensional Drawings - Retro-fit Kits

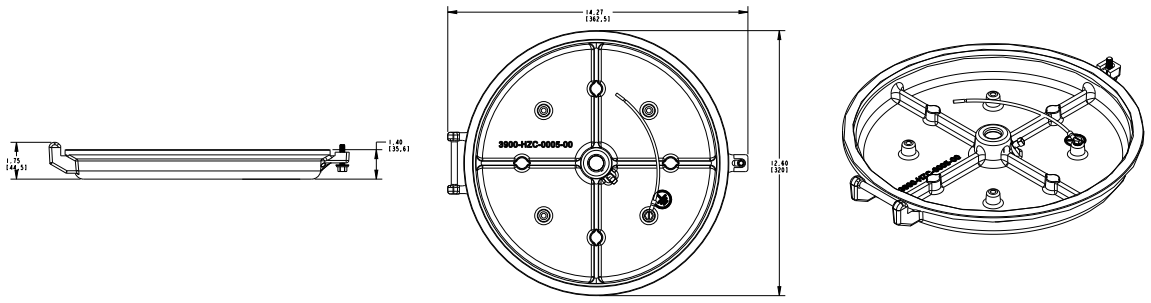
## Eaton's Crouse-Hinds – Champ® - HZXTHCH



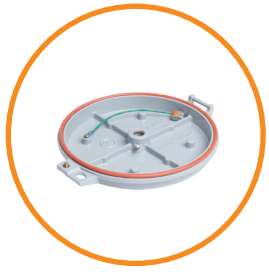

## GE Lighting Solutions – Filtr-Gard™ - HZXTHGE

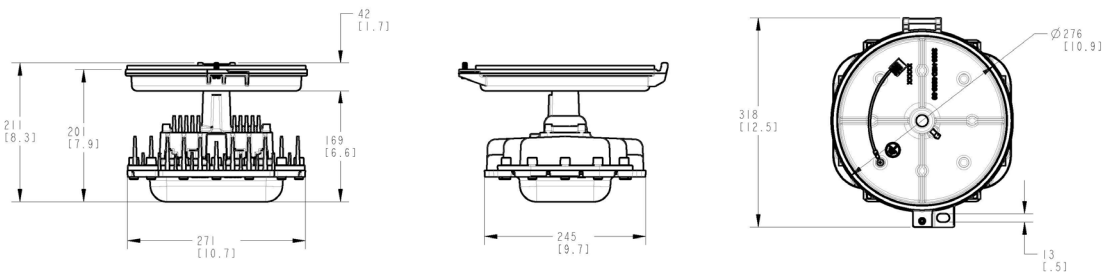



## Holophane® Petrolux II, III - HZXTHP3




## GE Lighting Solutions – Mini-Gard™ - HZXTHMG



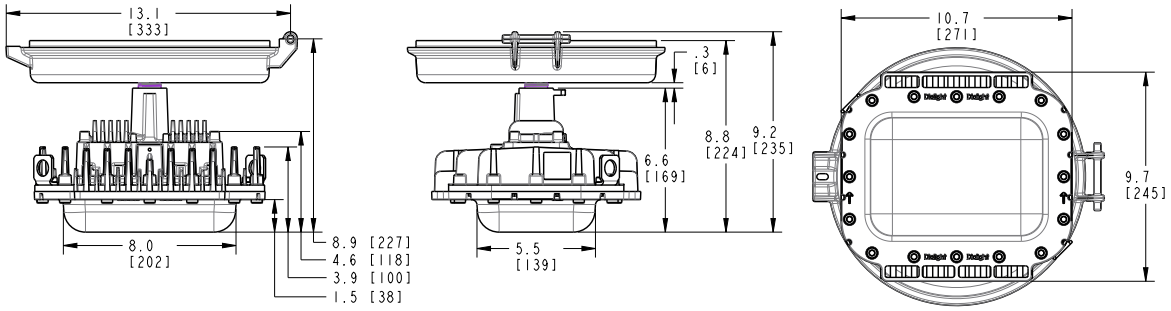



Dimensions in inches [mm]

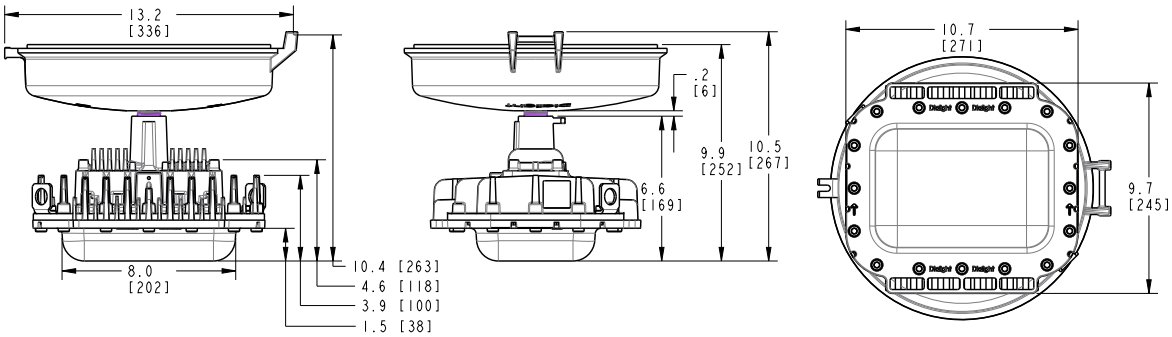
**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

# Dimensional Drawings - Retro-fit Kits

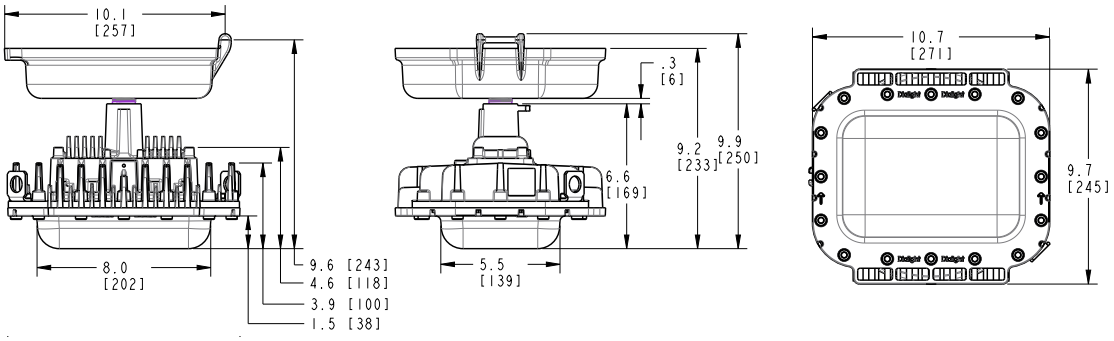
## Thomas & Betts Hazlux® - HZXTHTB



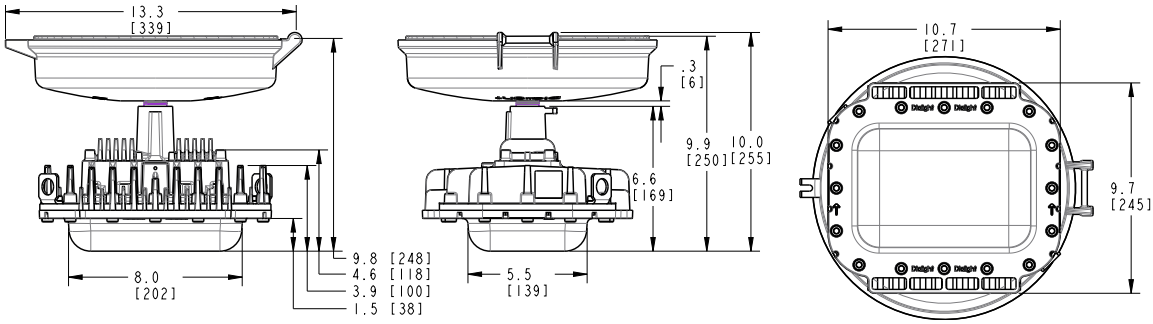

## Appleton® Mercmaster III - HZXTHAP




## Appleton® Mercmaster II - HZXTHM2




## Killark® Certilite® & Certilite® V - HZXTHKL

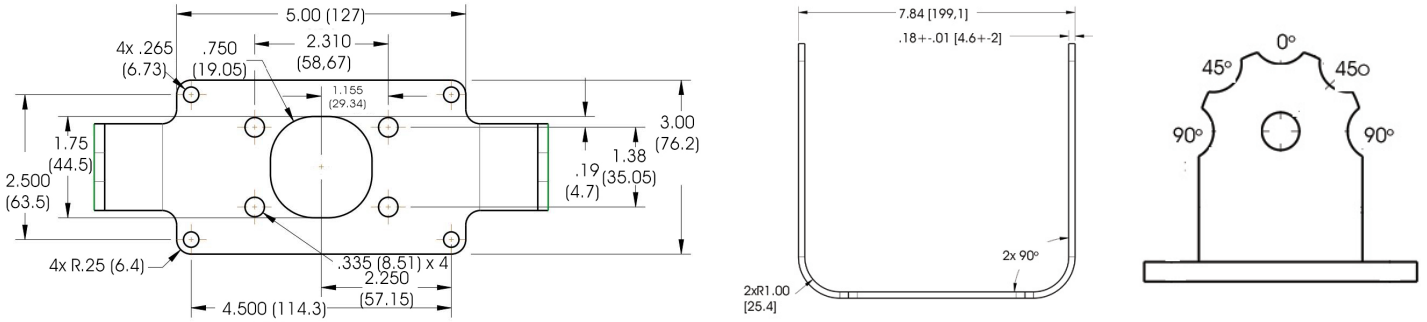



**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

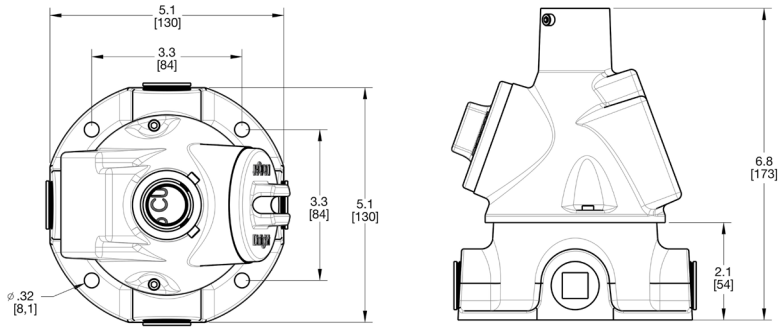
# Dimensional Drawings - Accessories

## HZXW3, HZXW4, HZXW7, AND HZXW8

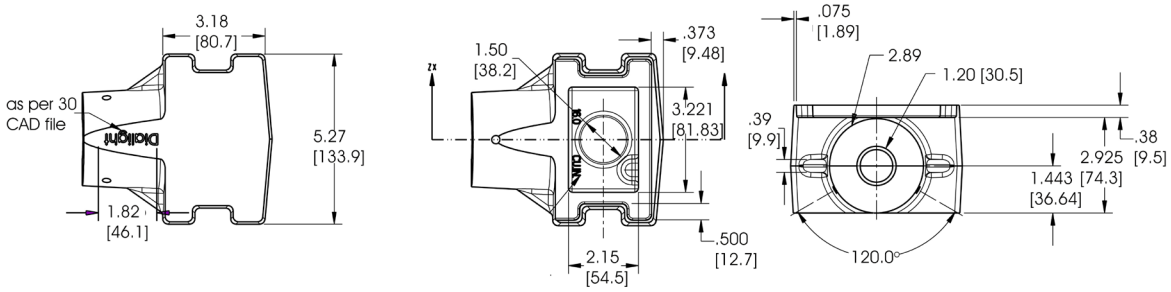
.25" thick; HZXW4 and HZWX8 will mount to 1.5" conduit and comes with pipe mount clamps.



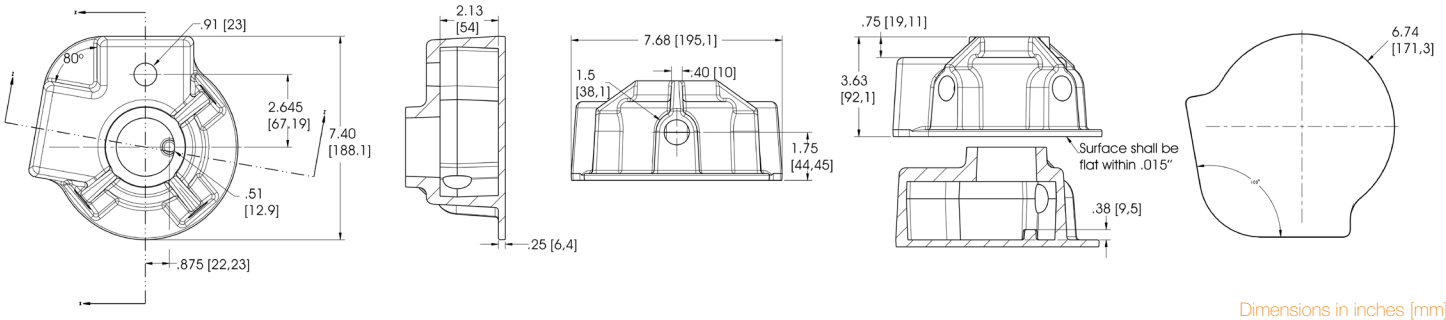

## HBXC1




## HZXSTANXXXX




## HZXJBXXX




Dimensions in inches [mm]

**DISCLAIMER.** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

**North American HQ**
1501 Route 34 South
Farmingdale, NJ 07727
Tel: 732-919-3119
Fax: 732-751-5778
info@dialight.com

**EMEA Technical Centre**
Ejby Industrivej 91 B
2600 Glostrup
Tel: +45 8877 4545 (Denmark)
Tel: +44 1638 666541 (UK)
Tel: +49 89 12089 5713 (Germany)
Tel: +33 3 23 22 62 58 (France)
sales-europe@dialight.com

**Middle East**
205, Clover Bay Tower,
Al Abraj Street, Business Bay
P.O. Box 123997 Dubai, U.A.E.
Tel: +971 (4) 818 31 56

**Australia**
108 Howe Street
Osborne Park, WA 6017
Tel: +61 (0) 8 9244 7600
Fax: +61 (0) 8 9244 7601
info@dialight.com.au

**Southeast Asia**
56 Kallang Pudding Road
#09 – 08 HH@Kallang
Singapore 349328
Tel: +65 6578 7271
Fax: +65 6578 7150
enquiry@dialight.com.sg

**Brazil**
Alameda Mercurio,
225 – American Park Empresarial NR
Indaiatuba – SP – 13347– 662
Tel: +55 (19) 3113-4300
Fax: +55 (19) 3113-4300
brasil@dialight.com

**WARNING / DISCLAIMERS:**
***Installation & secondary retention.*** The use of this product without proper installation (including secondary retention / netting) and periodic inspections, could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) as applicable. Dialight products are intended for ultimate purchase, installation and operation by knowledgeable persons trained in the functional assessment, installation, use and maintenance of such products and all customers (including but not limited to end customers) are responsible for assessing the suitability of Dialight products for any given installation requirement. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting as appropriate) and in compliance with all applicable laws and regulations.
***Product specifications & warranties.*** All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. All values and performance data herein are design or typical values when measured under laboratory conditions. The information herein is subject to change without notice. The products / software detailed herein are subject to applicable warranties and terms and conditions of use/purchase. Unless agreed otherwise in writing by an authorized representative of Dialight, Dialight does not represent that its products are fit for any particular purpose and accepts no liability for the installation and/or unauthorised use of its products. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranties. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document and information provided at *www.dialight.com*, the latter shall prevail.
***Exclusion of liability.*** To the extent permissible under the relevant law, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products. Whilst Dialight has used its reasonable endeavours to ensure the completeness and accuracy of information herein, Dialight does not assume any liability for damages resulting from use of this information or for any third-party representations made in relation to Dialight products.