



Dialight LED SafeSite[®] Bulkhead

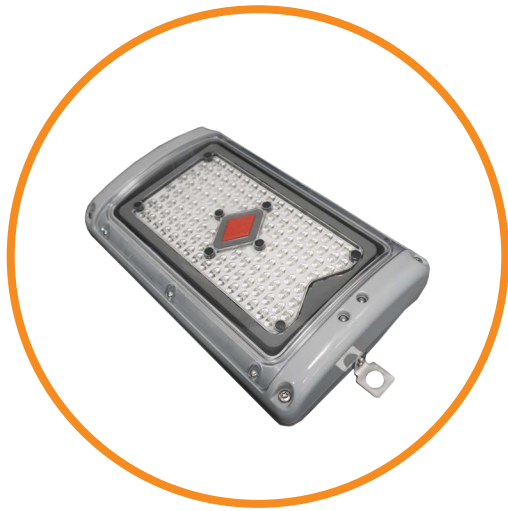
Technical Specification Sheet - APAC



DECEMBER 2023

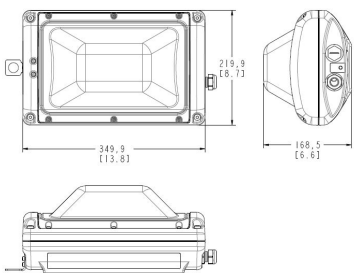
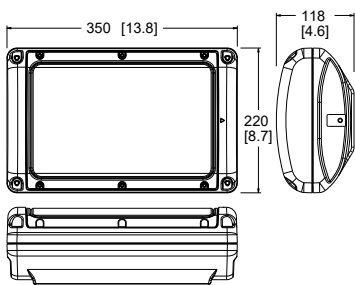
SafeSite® LED Bulkhead

100-277 VAC Model



Certifications & Ratings

- 10 year warranty
- ATEX / IECEx Zone 1, 21
 - Ex eb mb IIC T4 Gb
 - EX tb IIIC T130°C Db
- ATEX / IECEx Zone 2, 22
 - Ex ec IIC T4 Gc
 - Ex tc IIIC T130°C Dc
- Ta = -40°C to +65°C for standard models
- Ta = -20°C to +55°C for battery backup models
- IP66/67
- IK10
- L70 > 150,000 hours @ 65°C (149°F)



Dimensions in mm (inches)

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.

Mechanical Information:

| | |
|--------------------------|----------------------------|
| Fixture weights: | |
| Standard models: | 6.8 kg (15.0 lb) |
| Battery backup models: | 7.7 kg (17 lb) |
| Shipping weights: | |
| Standard models: | 7.3 kg (16.1 lb) |
| Battery backup models: | 8.4 kg (18.5 lb) |
| Cable entry: | (2) M20 - optional (4) M20 |

Materials:

| | |
|------------------|--|
| Housing: | A360 Die-cast aluminium |
| Finish: | Superior dual coat finish - Sealed polyester topcoat - Epoxy primer |
| Lens: | Polycarbonate clear Polycarbonate diffused (optional) Polycarbonate domed diffused |
| Hardware: | 316 Stainless Steel |

Electrical Specifications:

| | |
|-------------------------------|--|
| Operating voltage: | |
| Standard models: | 100-277 VAC / 120-250 VDC |
| Battery backup models: | 110/120 VAC, 230/240 VAC |
| Operating temperature: | |
| Standard models: | -40°C to +65°C (-40°F to +149°F) |
| Battery backup models: | -20°C to +55°C (-4°F to +131°F) |
| Surge protection: | 6kV/3kA, 1.2/50, 8/20us Combination Wave Line-line and line-ground |
| THD: | < 18% |
| Power factor: | > 0.9 |
| Dimming: | DALI 1.0 and 2.0 0-10 VDC continuous dimming to <10% |

Battery Backup Models: (integral battery)

Battery duration* (circular optic, clear lens):

| | |
|---------------------|---|
| 6.5k lumen outputs: | 180 mins ~ 900 lm 90 mins ~ 1100 lm 60 mins ~ 1140 lm |
| 3k lumen outputs: | 180 mins ~ 800 lm 90 mins ~ 1100 lm 60 mins ~ 1140 lm |

Expected battery life: 4 years

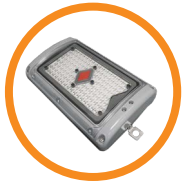
Photometric Information:

| | |
|-----------------------|---|
| Lumen output*: | 3,000 & 6,500 lm (white light) |
| CRI: | > 80 (white light) |
| CCT: | 5000K (cool white) 4000K (neutral white) 2700K (warm white) Amber Green |

All values typical unless otherwise stated (tolerance +/- 10%)
* @ 25°C ambient

Ordering Information

SafeSite® LED Bulkhead



Zone 1, 21

| Part Number | Fixture Lumens | Wattage | lm/W | Voltage | CCT | Lens | Beam Distribution |
|--|----------------|---------|------|-------------------------|-----------------------|---------------------|---------------------|
| Standard Models with Flush Bracket | | | | | | | |
| BHA-4BC2-3NFN-VGN | 3,300 | 22 | 153 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHA-4BC2-6NFN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHA-4UC2-3NFN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4UC2-6NFN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4BN2-3NFN-VGN | 3,300 | 22 | 153 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHA-4BN2-6NFN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHA-4UN2-3NFN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4UN2-6NFN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4BA2-5NFN-VGN | 4,200 | 46 | 91 | 100-277VAC / 120-250VDC | Amber | Clear Polycarbonate | Circular |
| Battery Backup Models with Flush Bracket | | | | | | | |
| BHA-4BCG-3NFN-VGF | 3,300 | 25 | 132 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHA-4BCG-6NFN-VGF | 6,200 | 48 | 129 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHA-4UCG-3NFN-VGF | 3,100 | 25 | 124 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4UCG-6NFN-VGF | 6,200 | 48 | 129 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4BNG-3NFN-VGF | 3,300 | 25 | 132 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHA-4BNG-6NFN-VGF | 6,200 | 48 | 129 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHA-4UNG-3NFN-VGF | 3,100 | 25 | 124 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4UNG-6NFN-VGF | 6,200 | 48 | 129 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHA-4BAG-5NFN-VGF | 4,200 | 49 | 86 | 230-240VAC | Amber | Clear Polycarbonate | Circular |
| BHA-6BGG-3NFN-VGG | 2,600 | 33 | 79 | 230-240VAC | Green | Domed Diffused | Circular |

Zone 2, 22 or Zone 21

| Part Number | Fixture Lumens | Wattage | lm/W | Voltage | CCT | Lens | Beam Distribution |
|--|----------------|---------|------|-------------------------|-----------------------|---------------------|---------------------|
| Standard Models with Flush Bracket | | | | | | | |
| BHB-4BC2-3NFN-VGN | 3,200 | 22 | 149 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHB-4BC2-6NFN-VGN | 6,700 | 45 | 149 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHB-4UC2-3NFN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4UC2-6NFN-VGN | 6,400 | 45 | 142 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4BN2-3NFN-VGN | 3,200 | 22 | 149 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHB-4BN2-6NFN-VGN | 6,700 | 45 | 149 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHB-4UN2-3NFN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4UN2-6NFN-VGN | 6,400 | 45 | 142 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4BA2-5NFN-VGN | 4,200 | 46 | 91 | 100-277VAC / 120-250VDC | Amber | Clear Polycarbonate | Circular |
| Battery Backup Models with Flush Bracket | | | | | | | |
| BHB-4BCG-3NFN-VGF | 3,200 | 25 | 128 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHB-4BCG-6NFN-VGF | 6,700 | 48 | 140 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BHB-4UCG-3NFN-VGF | 3,100 | 25 | 124 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4UCG-6NFN-VGF | 6,400 | 48 | 133 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4BNG-3NFN-VGF | 3,200 | 25 | 128 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHB-4BNG-6NFN-VGF | 6,700 | 48 | 140 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BHB-4UNG-3NFN-VGF | 3,100 | 25 | 124 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4UNG-6NFN-VGF | 6,400 | 48 | 133 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BHB-4BAG-5NFN-VGF | 4,200 | 49 | 86 | 230-240VAC | Amber | Clear Polycarbonate | Circular |
| BHB-6BGG-3NFN-VGG | 2,600 | 33 | 79 | 230-240VAC | Green | Domed Diffused | Circular |

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

Part numbers listed in **bold** are typically available in stock.

2700k models available on request

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.

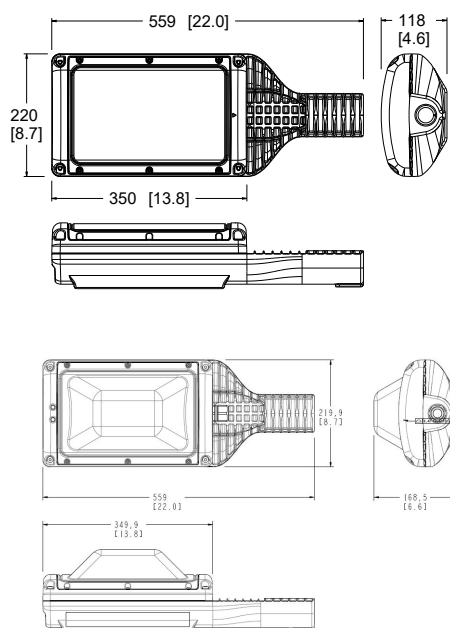
SafeSite® LED Bulkhead

Pole Mount Model



Certifications & Ratings

- 10 year warranty
- ATEX / IECEx Zone 1, 21
 - Ex eb mb IIC T4 Gb
 - EX tb IIIC T130°C Db
- ATEX / IECEx Zone 2, 22
 - Ex ec IIC T4 Gc
 - Ex tc IIIC T130°C Dc
- Ta = -40°C to +65°C for standard models
- Ta = -20°C to +55°C for battery backup model
- IP66/67
- IK10
- L70 > 150,000 hours @ 65°C (149°F)



Dimensions in mm (inches)

Mechanical Information:

| | |
|---------------------------|-----------------------------|
| Fixture weights: | |
| Standard models: | 7.9 kg (17.4 lb) |
| Battery backup models: | 8.8 kg (19.4 lb) |
| Shipping weights: | |
| Standard models: | 8.4 kg (18.5 lb) |
| Battery backup models: | 9.3 kg (20.5 lb) |
| Cable entry: | (1) M25 |
| Spigot entry size: | 35mm ID Optional 44mm ID |

Materials:

| | |
|------------------|--|
| Housing: | A360 Die-cast aluminium |
| Finish: | Superior dual coat finish - Sealed polyester topcoat - Epoxy primer |
| Lens: | Polycarbonate clear Polycarbonate diffused (optional) Polycarbonate domed diffused |
| Hardware: | 316 Stainless Steel |

Electrical Specifications:

| | |
|-------------------------------|--|
| Operating voltage: | |
| Standard models: | 100-277 VAC / 120-250 VDC |
| Battery backup models: | 110/120 VAC, 230/240 VAC |
| Operating temperature: | |
| Standard models: | -40°C to +65°C (-40°F to +149°F) |
| Battery backup models: | -20°C to +55°C (-4°F to +131°F) |
| Surge protection: | 6kV/3kA, 1.2/50, 8/20us Combination Wave Line-line and line-ground |
| THD: | < 18% |
| Power factor: | > 0.9 |
| Dimming: | DALI 1.0 and 2.0 0-10 VDC continuous dimming to <10% |

Battery Backup Models: (integral battery)

Battery duration* (circular optic, clear lens):

| | |
|---------------------|---|
| 6.5k lumen outputs: | 180 mins ~ 900 lm 90 mins ~ 1100 lm 60 mins ~ 1140 lm |
| 3k lumen outputs: | 180 mins ~ 800 lm 90 mins ~ 1100 lm 60 mins ~ 1140 lm |

Expected battery life: 4 years

Photometric Information:

| | |
|-----------------------|---|
| Lumen output*: | 3,000 & 6,500 lm (white light) |
| CRI: | > 80 (white light) |
| CCT: | 5000K (cool white) 4000K (neutral white) 2700K (warm white) Amber Green |

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

* @ 25°C ambient

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Ordering Information

SafeSite® LED Bulkhead - Pole Mount

Zone 1, 21



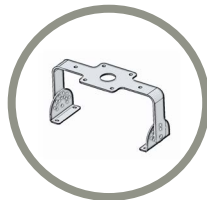
| Part Number | Fixture Lumens | Wattage | lm/W | Voltage | CCT | Lens | Beam Distribution |
|---|----------------|---------|------|-------------------------|-----------------------|---------------------|---------------------|
| Pole Mount Models | | | | | | | |
| BPA-4BC2-3NNN-VGN | 3,300 | 22 | 153 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPA-4BC2-6NNN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPA-4UC2-3NNN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4UC2-6NNN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4BN2-3NNN-VGN | 3,300 | 22 | 153 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPA-4BN2-6NNN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPA-4UN2-3NNN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4UN2-6NNN-VGN | 6,200 | 45 | 138 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4BA2-5NNN-VGN | 4,200 | 46 | 91 | 100-277VAC / 120-250VDC | Amber | Clear Polycarbonate | Circular |
| BPA-4UA2-5NNN-VGN | 4,000 | 46 | 87 | 100-277VAC / 120-250VDC | Amber | Clear Polycarbonate | Ultra-Wide (Type 1) |
| Pole Mount Battery Backup Models | | | | | | | |
| BPA-4BCG-3NNN-VGF | 3,300 | 25 | 132 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPA-4BCG-6NNN-VGF | 6,200 | 48 | 129 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPA-4UCG-3NNN-VGF | 3,100 | 25 | 124 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4UCG-6NNN-VGF | 6,200 | 48 | 129 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4BNG-3NNN-VGF | 3,300 | 25 | 132 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPA-4BNG-6NNN-VGF | 6,200 | 48 | 129 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPA-4UNG-3NNN-VGF | 3,100 | 25 | 124 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4UNG-6NNN-VGF | 6,200 | 48 | 129 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-4BAG-5NNN-VGF | 4,200 | 49 | 86 | 230-240VAC | Amber | Clear Polycarbonate | Circular |
| BPA-4UAG-5NNN-VGF | 4,000 | 49 | 82 | 230-240VAC | Amber | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPA-6BGG-3NNN-VGG | 2,600 | 33 | 79 | 230-240VAC | Green | Domed Diffused | Circular |

Zone 2, 22 or Zone 21

| Part Number | Fixture Lumens | Wattage | lm/W | Voltage | CCT | Lens | Beam Distribution |
|---|----------------|---------|------|-------------------------|-----------------------|---------------------|---------------------|
| Pole Mount Models | | | | | | | |
| BPB-4BC2-3NNN-VGN | 3,200 | 22 | 149 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPB-4BC2-6NNN-VGN | 6,700 | 45 | 149 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPB-4UC2-3NNN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4UC2-6NNN-VGN | 6,400 | 45 | 142 | 100-277VAC / 120-250VDC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4BN2-3NNN-VGN | 3,200 | 22 | 149 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPB-4BN2-6NNN-VGN | 6,700 | 45 | 149 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPB-4UN2-3NNN-VGN | 3,100 | 22 | 144 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4UN2-6NNN-VGN | 6,400 | 45 | 142 | 100-277VAC / 120-250VDC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4BA2-5NNN-VGN | 4,200 | 46 | 91 | 100-277VAC / 120-250VDC | Amber | Clear Polycarbonate | Circular |
| BPB-4UA2-5NNN-VGN | 3,900 | 46 | 85 | 100-277VAC / 120-250VDC | Amber | Clear Polycarbonate | Ultra-Wide (Type 1) |
| Pole Mount Battery Backup Models | | | | | | | |
| BPB-4BCG-3NNN-VGF | 3,200 | 25 | 128 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPB-4BCG-6NNN-VGF | 6,700 | 48 | 140 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Circular |
| BPB-4UCG-3NNN-VGF | 3,100 | 25 | 124 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4UCG-6NNN-VGF | 6,400 | 48 | 133 | 230-240VAC | 5000K (cool white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4BNG-3NNN-VGF | 3,200 | 25 | 128 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPB-4BNG-6NNN-VGF | 6,700 | 48 | 140 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Circular |
| BPB-4UNG-3NNN-VGF | 3,100 | 25 | 124 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4UNG-6NNN-VGF | 6,400 | 48 | 133 | 230-240VAC | 4000K (neutral white) | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-4BAG-5NNN-VGF | 4,200 | 49 | 86 | 230-240VAC | Amber | Clear Polycarbonate | Circular |
| BPB-4UAG-5NNN-VGF | 3,900 | 49 | 80 | 230-240VAC | Amber | Clear Polycarbonate | Ultra-Wide (Type 1) |
| BPB-6BGG-3NNN-VGG | 2,600 | 33 | 79 | 230-240VAC | Green | Domed Diffused | Circular |

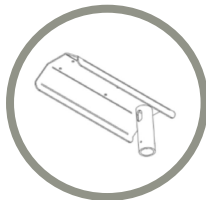
All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
2700K models available on request
44mm spigot entry option available

Accessories



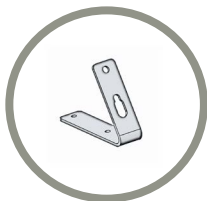
BH-BRKT-SS-ADJ

- 316 stainless steel adjustable bracket kit



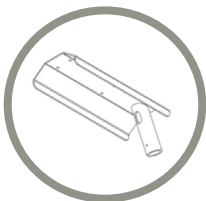
BH-STMB-05-10-HD

- Aluminium stanchion mount, 5° up-tilt - 50mm pole



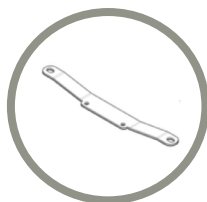
BH-BRKT-A-KIT

- 316 stainless steel wall/ceiling flush mount bracket kit



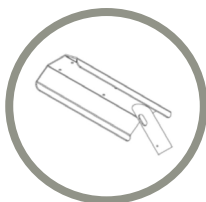
BH-STMB-25-10-HD

- Aluminium stanchion mount, 25° up-tilt - 50mm pole



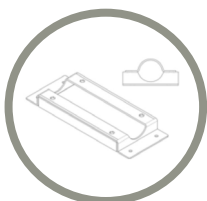
BH-BRKT-F-KIT

- 316 stainless steel wall/ceiling flush mount bracket kit



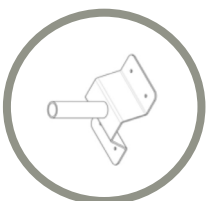
BH-STMB-45-10-HD

- Aluminium stanchion mount, 45° up-tilt - 50mm pole



BH-BRKT-LG-PF

- Aluminium pipe mount bracket kit - 50mm



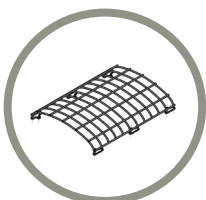
HZX-SPIGOT-34

- Aluminium wall mount spigot plate - 34mm



H6XCAB72

- 72" stainless steel safety rope

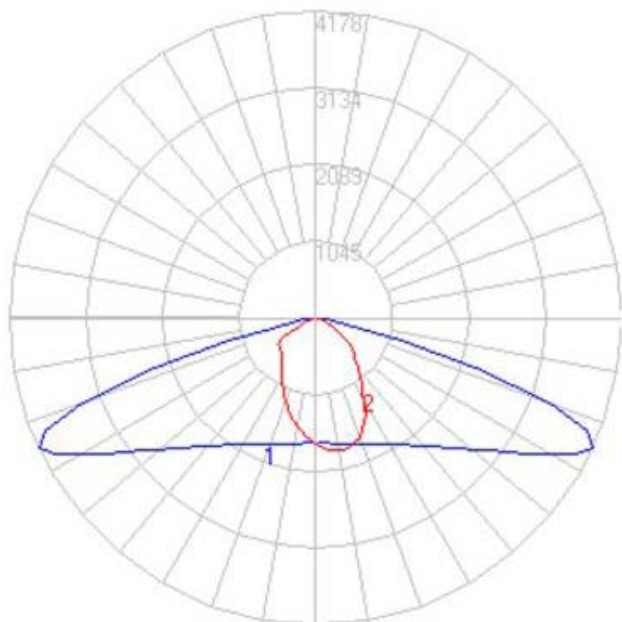


BH-WG-KIT

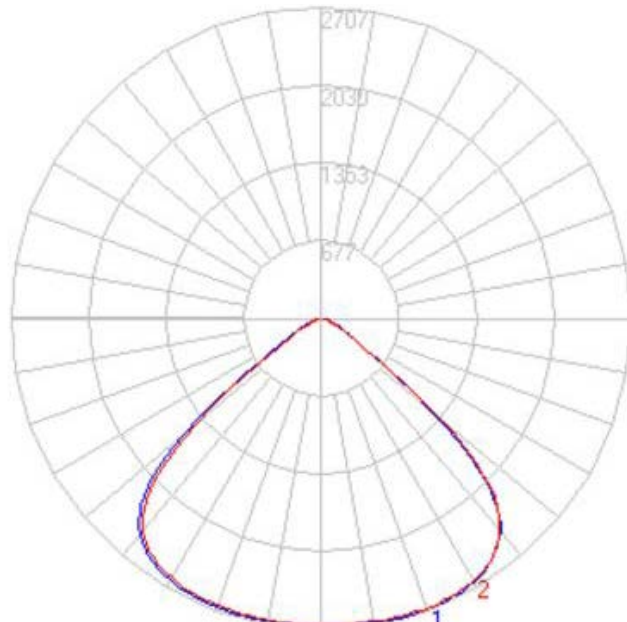
- Stainless steel wire guard kit

Beam Distribution - Zone 1

Ultra-Wide Walkway (Type 1) - Clear

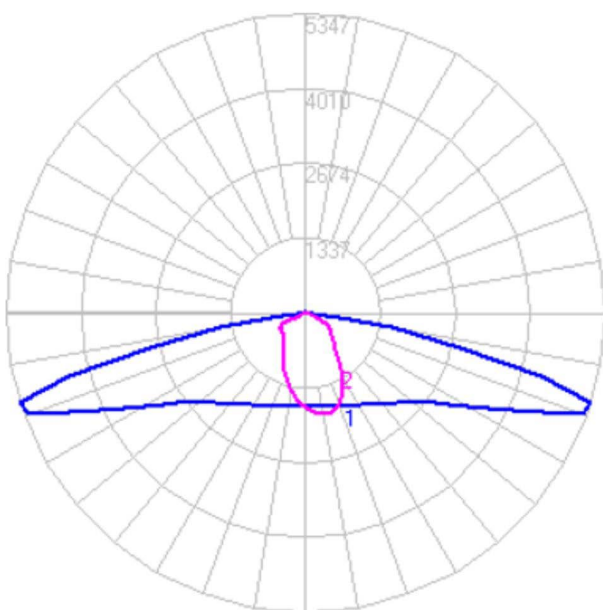


Circular - Clear

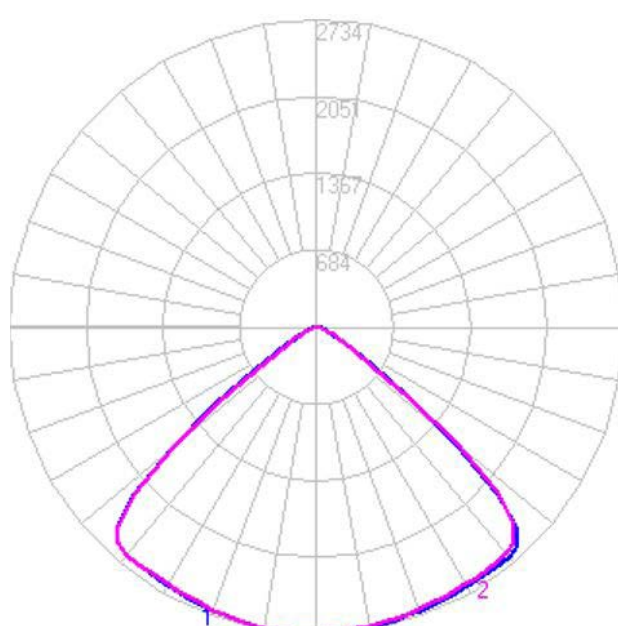


Beam Distribution - Zone 2

Ultra-Wide Walkway (Type 1) - Clear

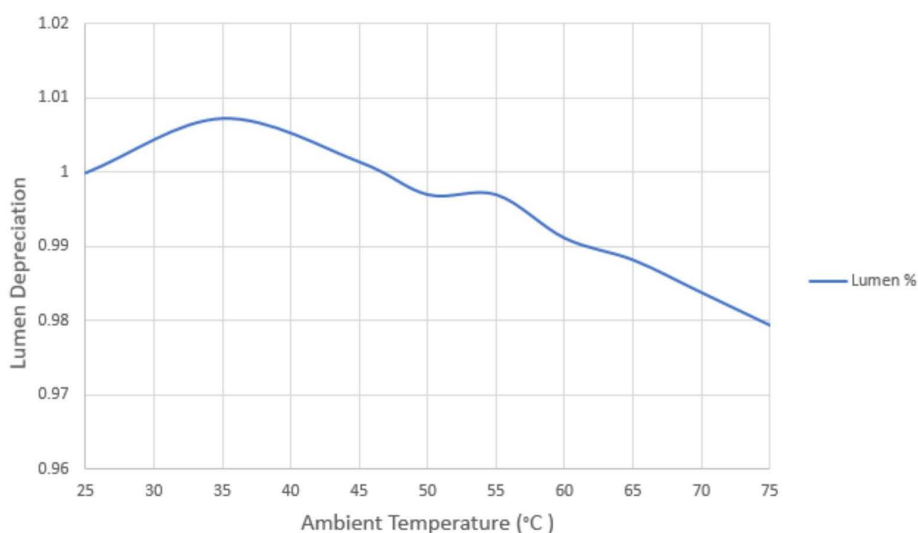


Circular - Clear



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Thermal Roll-Off



Inrush Current / Circuit Breakers

| Output | In rush (A) current @ input voltage | | | | | | | |
|--------|-------------------------------------|---------------|---------|---------------|---------|---------------|---------|---------------|
| | 100 VAC | Duration (MS) | 120 VAC | Duration (MS) | 230 VAC | Duration (MS) | 277 VAC | Duration (MS) |
| 6,500 | 6 | 0.6 | 8 | 0.6 | 15 | 0.6 | 18 | 0.6 |
| 3,000 | 6 | 0.6 | 8 | 0.6 | 15 | 0.6 | 18 | 0.6 |

| Output | GND Leakage (mA) input voltage | | | |
|--------|--------------------------------|---------|---------|---------|
| | 100 VAC | 120 VAC | 230 VAC | 277 VAC |
| 6,500 | 0.5 | 0.5 | 0.8 | 1.0 |
| 3,000 | 0.5 | 0.5 | 0.8 | 1.0 |

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Lumen Maintenance Factor

| Vigilant Bulkhead 6,500lm | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Ambient Temperature | Hours | | | | | | | |
| | 0 | 15000 | 30000 | 45000 | 60000 | 75000 | 90000 | 100000 |
| 25°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 30°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 35°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 40°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 45°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 50°C | 100% | 97% | 96% | 95% | 93% | 92% | 90% | 89% |
| 55°C | 100% | 97% | 96% | 95% | 93% | 92% | 90% | 89% |
| 60°C | 99% | 97% | 95% | 94% | 93% | 91% | 90% | 89% |
| 65°C | 99% | 97% | 95% | 94% | 92% | 91% | 89% | 89% |

Based on 9,000 hour LM80 data

| Vigilant Bulkhead 3,000lm | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Ambient Temperature | Hours | | | | | | | |
| | 0 | 15000 | 30000 | 45000 | 60000 | 75000 | 90000 | 100000 |
| 25°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 30°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 35°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 40°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 45°C | 100% | 98% | 96% | 95% | 93% | 92% | 90% | 90% |
| 50°C | 100% | 97% | 96% | 95% | 93% | 92% | 90% | 89% |
| 55°C | 100% | 97% | 96% | 95% | 93% | 92% | 90% | 89% |
| 60°C | 99% | 97% | 95% | 94% | 93% | 91% | 90% | 89% |
| 65°C | 99% | 97% | 95% | 94% | 92% | 91% | 89% | 89% |

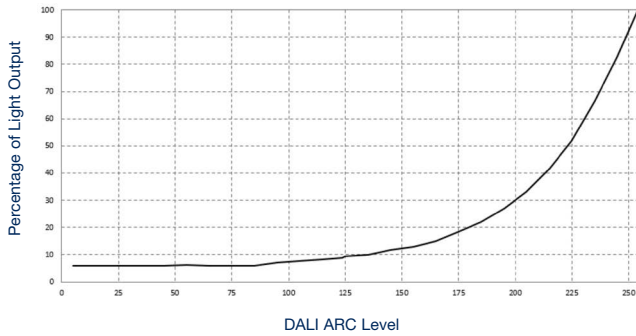
Based on 9,000 hour LM80 data

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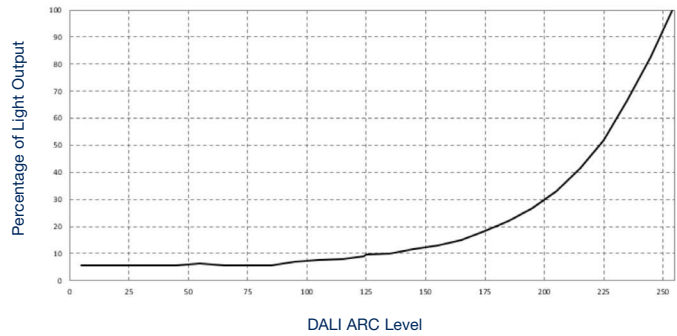
Dimming Curves

DALI Dimming

6,500lm

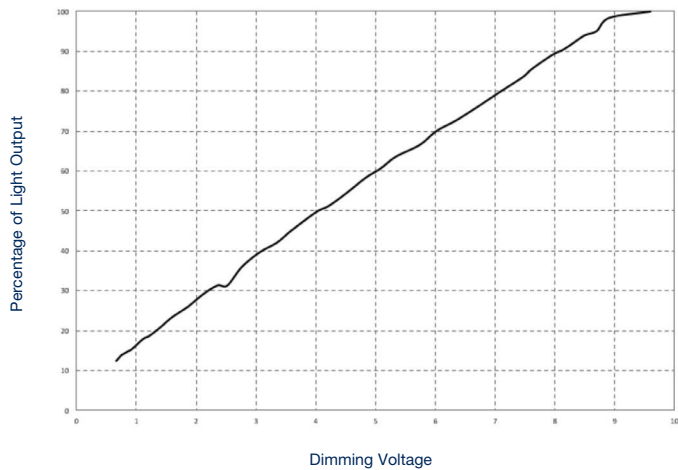


3,000lm

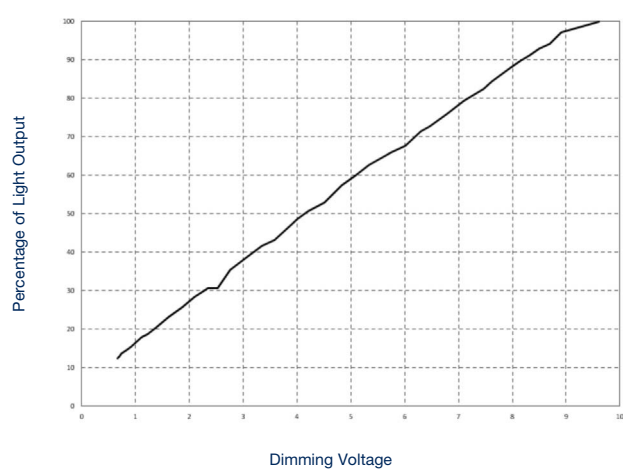


0-10V Dimming

6,500lm



3,000lm



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