



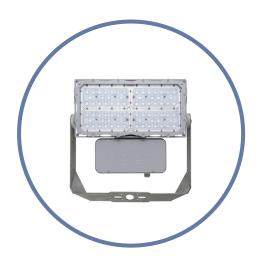


ProSite LED Floodlight Technical Specification Sheet - EMEA



ProSite LED Floodlight - Non-Hazardous

F1 Models

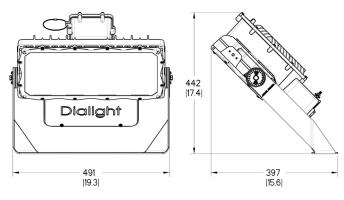


Certifications & Ratings

- 10 year warranty
- CE/ENEC
- IP66/67
- DNV TAE00004GM
- IK10 Integrated PC optic only
- IK10 Polycarbonate lens
- IK08 Glass lens
- L70 > 150,000 hours @ 25°C ambient
- Vibration Lloyd's test 1

Angled Bracket

2



Dimensions in mm [inches]
Additional dimensional drawings on pages 13-14

Mechanical Information:

 Fixture weight:
 10.9 - 13.6 kg

 Shipping weight:
 ~14.5 kg

 EPA (m²):
 0.186

Mounting:316 stainless steel straight bracket(all with 7.5° tilt adjustment)316 stainless steel angled bracket

Slipfitter bracket

Cable entry: 2 x M25

Electrical Specifications:

Operating voltage: 120-277 VAC / 120-250 VDC

347-415-480 VAC

Operating temp: -40°C to +65°C

EMC: CISPR 15

Flicker: IEC 61000-3-3

Immunity requirements for lighting:

IEC 61547

Harmonics: IEC 61000-3-2 Class C

Transient protection: IEC 61000-4-5. 6kV line-line and

line-ground.

Optional: Additional surge protection module rated

for 10kA, 20kA single strike

THD: < 20% Power Factor: > 0.9

Dimming: DALI 1 and DALI 2 compatible/0-10 VDC

Optional wireless dimming via Dialight

Intellil FD controls

316 stainless steel

Construction:

Hardware:

Housing: A360 Die-cast aluminum

Finish: Superior epoxy and polyester

dual coat finish

Lens: Integrated PC Optic/Lens,

Glass Lens Cover, PC Lens Cover

Photometric Information:

CRI: 70 (80 optional)

CCT: 5000K (cool white) 4000K (neutral white)

2200K (warm white) 2700K (warm white) - 80 CRI

Amber `

Beam pattern: Medium - 55° Wide - 125°

Verv Wide - 131° x 108°

Asymmetric - Forward Distribution

Asymmetric Wide

IES files: Available at www.dialight.com

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.



Ordering Information - F1

ProSite LED Floodlight - Non-Hazardous



| | | | | Industrial - CE | | | |
|-------------------|--------|---------|------|-------------------------|-----------------------|---------------|-----------------------|
| Part Number | Lumens | Wattage | lm/W | Voltage | ССТ | Lens | Beam Distribution |
| | | | | 12,000lm Models | | | |
| F1E-N7B2-BDEN-VGN | 13,200 | 81 | 163 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Very Wide (131° x 108 |
| 1E-N6B2-BDEN-VGN | 13,200 | 81 | 163 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Wide (125°) |
| F1E-N4B2-BDEN-VGN | 13,200 | 81 | 163 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Medium (56°) |
| F1E-7FB2-BDEN-VGN | 12,200 | 81 | 151 | 120-277VAC / 120-250VDC | 5000k (cool white) | Glass | Asymmetric |
| F1E-NJB2-BDEN-VGN | 12,300 | 81 | 152 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Asymmetric Wide |
| F1E-N7L2-BDEN-VGN | 13,200 | 81 | 163 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6L2-BDEN-VGN | 13,200 | 81 | 163 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Wide (125°) |
| F1E-N4L2-BDEN-VGN | 13,200 | 81 | 163 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Medium (56°) |
| F1E-7FL2-BDEN-VGN | 12,200 | 81 | 151 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Glass | Asymmetric |
| F1E-NJL2-BDEN-VGN | 12,300 | 81 | 152 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Asymmetric Wide |
| F1E-N7W2-BDEN-VGN | 10,200 | 81 | 126 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6W2-BDEN-VGN | 10,200 | 81 | 126 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Wide (125°) |
| F1E-N4W2-BDEN-VGN | 10,200 | 81 | 126 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Medium (56°) |
| F1E-7FW2-BDEN-VGN | 9,200 | 81 | 114 | 120-277VAC / 120-250VDC | 2700k (warm white) | Glass | Asymmetric |
| F1E-NJW2-BDEN-VGN | 9,300 | 81 | 115 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Asymmetric Wide |
| | | | | 18,000lm Models | | | |
| F1E-N7B2-CDEN-VGN | 19,100 | 124 | 154 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6B2-CDEN-VGN | 19,100 | 124 | 154 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Wide (125°) |
| F1E-N4B2-CDEN-VGN | 19,100 | 124 | 154 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Medium (56°) |
| F1E-7FB2-CDEN-VGN | 17,700 | 124 | 143 | 120-277VAC / 120-250VDC | 5000k (cool white) | Glass | Asymmetric |
| F1E-NJB2-CDEN-VGN | 17,800 | 124 | 144 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Asymmetric Wide |
| F1E-N7L2-CDEN-VGN | 19,100 | 124 | 154 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6L2-CDEN-VGN | 19,100 | 124 | 154 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Wide (125°) |
| F1E-N4L2-CDEN-VGN | 19,100 | 124 | 154 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Medium (56°) |
| F1E-7FL2-CDEN-VGN | 17,700 | 124 | 143 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Glass | Asymmetric |
| F1E-NJL2-CDEN-VGN | 17,800 | 124 | 144 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Asymmetric Wide |
| F1E-N7W2-CDEN-VGN | 14,800 | 124 | 119 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6W2-CDEN-VGN | 14,800 | 124 | 119 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Wide (125°) |
| F1E-N4W2-CDEN-VGN | 14,800 | 124 | 119 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Medium (56°) |
| F1E-7FW2-CDEN-VGN | 13,400 | 124 | 108 | 120-277VAC / 120-250VDC | 2700k (warm white) | Glass | Asymmetric |
| F1E-NJW2-CDEN-VGN | 13,500 | 124 | 109 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Asymmetric Wide |
| | | | | 30,000lm Models | | | |
| F1E-N7B2-FDEN-VGN | 31,600 | 234 | 135 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6B2-FDEN-VGN | 31,600 | 234 | 135 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Wide (125°) |
| F1E-N4B2-FDEN-VGN | 31,600 | 234 | 135 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Medium (56°) |
| F1E-7FB2-FDEN-VGN | 29,200 | 234 | 125 | 120-277VAC / 120-250VDC | 5000k (cool white) | Glass | Asymmetric |
| F1E-NJB2-FDEN-VGN | 29,400 | 234 | 126 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Asymmetric Wide |
| F1E-N7L2-FDEN-VGN | 31,600 | 234 | 135 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6L2-FDEN-VGN | 31,600 | 234 | 135 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Wide (125°) |
| F1E-N4L2-FDEN-VGN | 31,600 | 234 | 135 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Medium (56°) |
| F1E-7FL2-FDEN-VGN | 29,200 | 234 | 125 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Glass | Asymmetric |
| F1E-NJL2-FDEN-VGN | 29,400 | 234 | 126 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Asymmetric Wide |
| F1E-N7W2-FDEN-VGN | 24,500 | 234 | 105 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Very Wide (131° x 108 |
| F1E-N6W2-FDEN-VGN | 24,500 | 234 | 105 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Wide (125°) |
| F1E-N4W2-FDEN-VGN | 24,500 | 234 | 105 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Medium (56°) |
| F1E-7FW2-FDEN-VGN | 22,100 | 234 | 94 | 120-277VAC / 120-250VDC | 2700k (warm white) | Glass | Asymmetric |
| F1E-NJW2-FDEN-VGN | 22,300 | 234 | 95 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Asymmetric Wide |

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
Voltage - For 347-415-480 VAC change 7th character to '5'.
Lens - For glass lens cover change 4th character to a '7', For PC lens cover change 4th character to a '7', For PC lens cover change 4th character to a '7', For PC lens cover change 4th character to a '8'.
Lens - For 10k4 surge protection - For 10k4 surge protect



ProSite LED Floodlight - Non-Hazardous

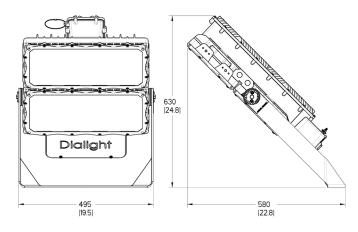
F2 Models



Certifications & Ratings

- 10 year warranty
- CE / ENEC
- IP66/67
- DNV TAE00004GM
- · IK10 Integrated PC optic only
- IK10 Polycarbonate lens
- IK08 Glass lens
- L70 > 150,000 hours @ 25°C ambient
- Vibration Lloyd's test 1

Angled Bracket



Dimensions in mm [inches] Additional dimensional drawings on pages 13-14

Mechanical Information:

Fixture weight: 19.5 - 24.5 kg Shipping weight: ~25.5 kg EPA (m²): 0.310

Mounting: 316 stainless steel straight bracket (all with 7.5° tilt adjustment) 316 stainless steel angled bracket

Cable entry:

Electrical Specifications:

120-277 VAC / 120-250 VDC Operating voltage:

347-415-480 VAC

Operating temp: -40°C to +65°C

-40°C to +55°C - 60klm

EMC: CISPR 15 Flicker: IEC 61000-3-3

Immunity requirements for lighting:

IFC 61547

Harmonics: IEC 61000-3-2 Class C

IEC 61000-4-5. 6kV line-line and Transient protection:

line-around.

Optional: Additional surge protection module rated

for 10kA, 20kA single strike

THD: < 20% Power Factor: > 0.9 0-10VDC Dimmina:

DALI 1 and DALI 2 compatible

Construction:

Housing: A360 Die-cast aluminum

Hardware: 316 stainless steel

Finish: Superior epoxy and polyester

dual coat finish

Lens: Integrated PC Optic/Lens,

Glass Lens Cover, PC Lens Cover

Photometric Information:

CRI: 70 (80 optional)

CCT: 5000K (cool white) 4000K (neutral white)

2200K (warm white) 2700K (warm white) - 80 CRI

Amber

Beam pattern: Medium - 55°

Wide - 125°

Very Wide - 131° x 108° Asymmetric - Forward Distribution

Asymmetric Wide

IES files: Available at www.dialight.com

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.



Ordering Information - F2

ProSite LED Floodlight - Non-Hazardous



5

| | | | | Industrial - CE | | | |
|-------------------|-------------------|------------|---------|----------------------------------|---------------------------------------|---------------------|-------------------------|
| Part Number | Fixture Lumens | Wattage | lm/W | Voltage | ССТ | Lens | Beam Distribution |
| | | | 6 | 60,000lm Models - 10kA Surg | ge Protection | | |
| F2E-N7B8-NDEN-VGN | 65,000 | 484 | 134 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Very Wide (131° x 108°) |
| F2E-N6B8-NDEN-VGN | 65,000 | 484 | 134 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Wide (125°) |
| F2E-N4B8-NDEN-VGN | 65,000 | 484 | 134 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Medium (56°) |
| F2E-7FB8-NDEN-VGN | 60,100 | 484 | 124 | 120-277VAC / 120-250VDC | 5000k (cool white) | Glass | Asymmetric |
| F2E-NJB8-NDEN-VGN | 60,500 | 484 | 125 | 120-277VAC / 120-250VDC | 5000k (cool white) | Integrated PC | Asymmetric Wide |
| F2E-N7L8-NDEN-VGN | 65,000 | 484 | 134 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Very Wide (131° x 108°) |
| F2E-N6L8-NDEN-VGN | 65,000 | 484 | 134 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Wide (125°) |
| F2E-N4L8-NDEN-VGN | 65,000 | 484 | 134 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Medium (56°) |
| F2E-7FL8-NDEN-VGN | 60,100 | 484 | 124 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Glass | Asymmetric |
| F2E-NJL8-NDEN-VGN | 60,500 | 484 | 125 | 120-277VAC / 120-250VDC | 4000k (neutral white) | Integrated PC | Asymmetric Wide |
| F2E-N7W8-NDEN-VGN | 50,400 | 484 | 104 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Very Wide (131° x 108° |
| F2E-N6W8-NDEN-VGN | 50,400 | 484 | 104 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Wide (125°) |
| F2E-N4W8-NDEN-VGN | 50,400 | 484 | 104 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Medium (56°) |
| F2E-7FW8-NDEN-VGN | 45,500 | 484 | 94 | 120-277VAC / 120-250VDC | 2700k (warm white) | Glass | Asymmetric |
| F2E-NJW8-NDEN-VGN | 46,800 | 484 | 97 | 120-277VAC / 120-250VDC | 2700k (warm white) | Integrated PC | Asymmetric Wide |
| | | 6 | 0,000lm | Models - 347-415-480 VAC 1 | 0kA Surge Protection | | |
| F2E-N7B9-NDEN-VGN | 65,000 | 499 | 130 | 347-415-480VAC | 5000k (cool white) | Integrated PC | Very Wide (131° x 108° |
| F2E-N6B9-NDEN-VGN | 65,000 | 499 | 130 | 347-415-480VAC | 5000k (cool white) | Integrated PC | Wide (125°) |
| F2E-N4B9-NDEN-VGN | 65,000 | 499 | 130 | 347-415-480VAC | 5000k (cool white) | Integrated PC | Medium (56°) |
| F2E-7FB9-NDEN-VGN | 60,100 | 499 | 120 | 347-415-480VAC | 5000k (cool white) | Glass | Asymmetric |
| F2E-NJB9-NDEN-VGN | 60,500 | 499 | 121 | 347-415-480VAC | 5000k (cool white) | Integrated PC | Asymmetric Wide |
| F2E-N7L9-NDEN-VGN | 65,000 | 499 | 130 | 347-415-480VAC | 4000k (neutral white) | Integrated PC | Very Wide (131° x 108° |
| F2E-N6L9-NDEN-VGN | 65,000 | 499 | 130 | 347-415-480VAC | 4000k (neutral white) | Integrated PC | Wide (125°) |
| F2E-N4L9-NDEN-VGN | 65,000 | 499 | 130 | 347-415-480VAC | 4000k (neutral white) | Integrated PC | Medium (56°) |
| F2E-7FL9-NDEN-VGN | 60,100 | 499 | 120 | 347-415-480VAC | 4000k (neutral white) | Glass | Asymmetric |
| F2E-NJL9-NDEN-VGN | 60,500 | 499 | 121 | 347-415-480VAC | 4000k (neutral white) | Integrated PC | Asymmetric Wide |
| F2E-N7W9-NDEN-VGN | 50,400 | 499 | 101 | 347-415-480VAC | 2700k (warm white) | Integrated PC | Very Wide (131° x 108° |
| F2E-N6W9-NDEN-VGN | 50,400 | 499 | 101 | 347-415-480VAC | 2700k (warm white) | Integrated PC | Wide (125°) |
| F2E-N4W9-NDEN-VGN | 50,400 | 499 | 101 | 347-415-480VAC | 2700k (warm white) | Integrated PC | Medium (56°) |
| | | | | | · · · · · · · · · · · · · · · · · · · | | ` |
| F2E-7FW9-NDEN-VGN | 45,500 46,800 | 499 499 | 91 | 347-415-480VAC 347-415-480VAC | 2700k (warm white) 2700k (warm white) | Glass Integrated PC | Asymmetric |

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

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

Lens - For glass lens cover change 4th character to a '7', For PC lens cover change 4th character to a '4'. Lens option '4' and '7' not available for asymmetric wide optic.

CCT - For 2200k change 6th character to 'U'. Refer to lumen table on page 8-9 for accurate values.

PE Cell - For NEMA PE Cell Receptacle with shorting cap change 9th character to 'S'.

Mounting Bracket - Angled Bracket supplied as standard - for straight bracket change 10th character to 'F'- for heavy-duty bracket change 10th character to "H".

Hazardous F2 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-ver, 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.



ProSite LED Floodlight - Hazardous

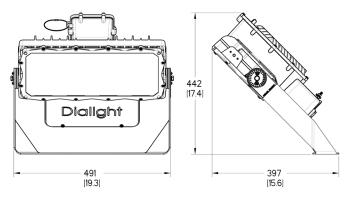
F1 Models



Certifications & Ratings

- 10 year warranty
- ATEX/IECEx Zone 2, 21 & 22
 - Ex ec IIC T4 Gc
 - Ex tb IIIC T110°C Db
 - ITS-I 22 ATEX 29411X
 - ITS-I 22 ATEX 294111X
 - IECEx ETL 22.0001X
- IP66/67
- DNV TAE00004GM
- IK08 Glass lens
- L70 > 150,000 hours @ 25°C ambient
- · Vibration Lloyd's test 1

Angled Bracket



Dimensions in mm [inches] Additional dimensional drawings on pages 13-14

Mechanical Information:

Fixture weight: 10.9 - 13.6 kg Shipping weight: ~14.5 kg EPA (m²): 0.186

Mounting: 316 stainless steel straight bracket (all with 7.5° tilt adjustment) 316 stainless steel angled bracket

Slipfitter bracket

Cable entry: 2 x M25

Electrical Specifications:

Operating voltage: 120-277 VAC / 120-250 VDC

347-415-480 VAC

Operating temp: -40°C to +65°C EMC:

CISPR 15

Flicker: IEC 61000-3-3

Immunity requirements for lighting:

IEC 61547

Harmonics: IEC 61000-3-2 Class C

Transient protection: IEC 61000-4-5. 6kV line-line and

line-ground.

THD: < 20% **Power Factor:** > 0.9

Dimming: DALI 1 and DALI 2 compatible/0-10 VDC

Construction:

Housing: A360 Die-cast aluminum

Hardware: 316 stainless steel

Finish: Superior epoxy and polyester

dual coat finish

Lens: Glass

Photometric Information:

CRI: 70 (80 optional) CCT: 5000K (cool white)

4000K (neutral white) 2200K (warm white) 2700K (warm white) - 80 CRI

Amber

Beam pattern: Medium - 55°

Wide - 125°

Very Wide - 131° x 108°

Asymmetric - Forward Distribution

IES files: Available at www.dialight.com

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.



Ordering Information - F1

ProSite LED Floodlight - Hazardous









7

| | | | Ha | azardous - ATEX/IECEx Z | one 2, 21, 22 | | |
|-------------------|-------------------|---------|------|---------------------------|-----------------------|-------|-----------------------|
| Part Number | Fixture Lumens | Wattage | lm/W | Voltage | ССТ | Lens | Beam Distribution |
| | | | | 12,000lm Models | 5 | | |
| F1B-77B2-BDEN-VGN | 12,500 | 81 | 154 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Very Wide (131° x 108 |
| F1B-76B2-BDEN-VGN | 12,500 | 81 | 154 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Wide (125°) |
| F1B-74B2-BDEN-VGN | 12,500 | 81 | 154 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Medium (56°) |
| F1B-7FB2-BDEN-VGN | 12,200 | 81 | 151 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Asymmetric |
| F1B-77L2-BDEN-VGN | 12,500 | 81 | 154 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Very Wide (131° x 108 |
| F1B-76L2-BDEN-VGN | 12,500 | 81 | 154 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Wide (125°) |
| F1B-74L2-BDEN-VGN | 12,500 | 81 | 154 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Medium (56°) |
| F1B-7FL2-BDEN-VGN | 12,200 | 81 | 151 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Asymmetric |
| F1B-77W2-BDEN-VGN | 9,500 | 81 | 117 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Very Wide (131° x 108 |
| F1B-76W2-BDEN-VGN | 9,500 | 81 | 117 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Wide (125°) |
| F1B-74W2-BDEN-VGN | 9,500 | 81 | 117 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Medium (56°) |
| F1B-7FW2-BDEN-VGN | 9,200 | 81 | 114 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Asymmetric |
| | | | | 18,000lm Models | 3 | | |
| F1B-77B2-CDEN-VGN | 18,000 | 124 | 145 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Very Wide (131° x 108 |
| F1B-76B2-CDEN-VGN | 18,000 | 124 | 145 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Wide (125°) |
| F1B-74B2-CDEN-VGN | 18,000 | 124 | 145 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Medium (56°) |
| F1B-7FB2-CDEN-VGN | 17,700 | 124 | 143 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Asymmetric |
| F1B-77L2-CDEN-VGN | 18,000 | 124 | 145 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Very Wide (131° x 108 |
| F1B-76L2-CDEN-VGN | 18,000 | 124 | 145 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Wide (125°) |
| F1B-74L2-CDEN-VGN | 18,000 | 124 | 145 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Medium (56°) |
| F1B-7FL2-CDEN-VGN | 17,700 | 124 | 143 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Asymmetric |
| F1B-77W2-CDEN-VGN | 13,800 | 124 | 111 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Very Wide (131° x 108 |
| F1B-76W2-CDEN-VGN | 13,800 | 124 | 111 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Wide (125°) |
| F1B-74W2-CDEN-VGN | 13,800 | 124 | 111 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Medium (56°) |
| F1B-7FW2-CDEN-VGN | 13,400 | 124 | 108 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Asymmetric |
| | | | | 30,000lm Models | 5 | | |
| F1B-77B2-FDEN-VGN | 29,900 | 234 | 128 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Very Wide (131° x 108 |
| F1B-76B2-FDEN-VGN | 29,900 | 234 | 128 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Wide (125°) |
| F1B-74B2-FDEN-VGN | 29,900 | 234 | 128 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Medium (56°) |
| F1B-7FB2-FDEN-VGN | 29,200 | 234 | 125 | 120-277VAC / 120 - 250VDC | 5000k (cool white) | Glass | Asymmetric |
| F1B-77L2-FDEN-VGN | 29,900 | 234 | 128 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Very Wide (131° x 108 |
| F1B-76L2-FDEN-VGN | 29,900 | 234 | 128 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Wide (125°) |
| F1B-74L2-FDEN-VGN | 29,900 | 234 | 128 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Medium (56°) |
| F1B-7FL2-FDEN-VGN | 29,200 | 234 | 125 | 120-277VAC / 120 - 250VDC | 4000k (neutral white) | Glass | Asymmetric |
| F1B-77W2-FDEN-VGN | 22,800 | 234 | 97 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Very Wide (131° x 108 |
| F1B-76W2-FDEN-VGN | 22,800 | 234 | 97 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Wide (125°) |
| F1B-74W2-FDEN-VGN | 22,800 | 234 | 97 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Medium (56°) |
| F1B-7FW2-FDEN-VGN | 22,100 | 234 | 94 | 120-277VAC / 120 - 250VDC | 2700k (warm white) | Glass | Asymmetric |

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
CCT - For 2200k change 6th character to 'U'. Refer to lumen table on page 7 for accurate values.
Mounting Bracket - Angled Bracket supplied as standard - for straight bracket change 10th character to 'F' - for heavy-duty bracket change 10th character to "H". Amber options available.

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-ver, 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

| Lumen Output | Wattage | Wattage (347-480 | Optic | | PC Opt | tic Only | | | Glass | Lens | | | Polycarbo | nate Lens | 3 |
|-----------------|------------------|---------------------|----------------------|--------|--------|----------|--------|--------|--------|--------|--------|--------|-----------|-----------|--------|
| Family | (120-277 VAC) | VAC) | Орис | 5000K | 4000K | 2700K | 2200K | 5000K | 4000K | 2700K | 2200K | 5000K | 4000K | 2700K | 2200K |
| | | | Medium (NEMA 4) | 13,200 | 13,200 | 10,200 | 10,400 | 12,500 | 12,500 | 9,500 | 9,700 | 11,700 | 11,700 | 8,800 | 9,000 |
| | | | Wide (NEMA 6) | 13,200 | 13,200 | 10,200 | 10,400 | 12,500 | 12,500 | 9,500 | 9,700 | 11,700 | 11,700 | 8,800 | 9,000 |
| 12,000 | 81 | 84 | Very Wide (NEMA 7x6) | 13,200 | 13,200 | 10,200 | 10,400 | 12,500 | 12,500 | 9,500 | 9,700 | 11,700 | 11,700 | 8,800 | 9,000 |
| | | | Asymmetric | - | - | - | - | 11,600 | 11,600 | 8,600 | 8,800 | 10,800 | 10,800 | 7,900 | 8,100 |
| | | | Asymmetric Wide | 12,300 | 12,300 | 9,300 | 9,500 | - | - | - | - | - | - | - | - |
| | | | Medium (NEMA 4) | 19,100 | 19,100 | 14,800 | 15,100 | 18,000 | 18,000 | 13,800 | 14,000 | 17,000 | 17,000 | 12,700 | 13,000 |
| | | | Wide (NEMA 6) | 19,100 | 19,100 | 14,800 | 15,100 | 18,000 | 18,000 | 13,800 | 14,000 | 17,000 | 17,000 | 12,700 | 13,000 |
| 18,000 | 124 | 128 | Very Wide (NEMA 7x6) | 19,100 | 19,100 | 14,800 | 15,100 | 18,000 | 18,000 | 13,800 | 14,000 | 17,000 | 17,000 | 12,700 | 13,000 |
| | | | Asymmetric | - | - | - | - | 16,700 | 16,700 | 12,400 | 12,700 | 15,700 | 15,700 | 11,400 | 11,700 |
| | | | Asymmetric Wide | 17,800 | 17,800 | 13,500 | 13,800 | - | - | - | - | - | - | - | - |
| | | | Medium (NEMA 4) | 25,000 | 25,000 | 19,400 | 19,800 | 23,600 | 23,600 | 18,000 | 18,400 | 22,300 | 22,300 | 16,600 | 17,000 |
| | | | Wide (NEMA 6) | 25,000 | 25,000 | 19,400 | 19,800 | 23,600 | 23,600 | 18,000 | 18,400 | 22,300 | 22,300 | 16,600 | 17,000 |
| 24,000 | 175 | 179 | Very Wide (NEMA 7x6) | 25,000 | 25,000 | 19,400 | 19,800 | 23,600 | 23,600 | 18,000 | 18,400 | 22,300 | 22,300 | 16,600 | 17,000 |
| | | | Asymmetric | - | - | - | - | 21,900 | 21,900 | 16,300 | 16,600 | 20,500 | 20,500 | 14,900 | 15,300 |
| | | | Asymmetric Wide | 23,300 | 23,300 | 17,600 | 18,000 | - | - | - | - | - | - | - | - |
| | | | Medium (NEMA 4) | 31,600 | 31,600 | 24,500 | 25,000 | 29,900 | 29,900 | 22,800 | 23,200 | 28,100 | 28,100 | 21,000 | 21,500 |
| | | | Wide (NEMA 6) | 31,600 | 31,600 | 24,500 | 25,000 | 29,900 | 29,900 | 22,800 | 23,200 | 28,100 | 28,100 | 21,000 | 21,500 |
| F1 30,000 | 234 | 237 | Very Wide (NEMA 7x6) | 31,600 | 31,600 | 24,500 | 25,000 | 29,900 | 29,900 | 22,800 | 23,200 | 28,100 | 28,100 | 21,000 | 21,500 |
| 00,000 | | | Asymmetric | - | - | - | - | 27,700 | 27,700 | 20,500 | 21,000 | 25,900 | 25,900 | 18,800 | 19,300 |
| | | | Asymmetric Wide | 29,400 | 29,400 | 22,300 | 22,800 | - | - | - | - | - | - | - | - |
| | | | Medium (NEMA 4) | 32,000 | 32,000 | 24,800 | 25,300 | 30,200 | 30,200 | 23,000 | 23,500 | 28,500 | 28,500 | 21,300 | 21,800 |
| | | | Wide (NEMA 6) | 32,000 | 32,000 | 24,800 | 25,300 | 30,200 | 30,200 | 23,000 | 23,500 | 28,500 | 28,500 | 21,300 | 21,800 |
| F2 30,000 | 200 | 206 | Very Wide (NEMA 7x6) | 32,000 | 32,000 | 24,800 | 25,300 | 30,200 | 30,200 | 23,000 | 23,500 | 28,500 | 28,500 | 21,300 | 21,800 |
| 30,000 | | | Asymmetric | - | - | - | - | 28,000 | 28,000 | 20,800 | 21,300 | 26,200 | 26,200 | 19,000 | 19,500 |
| | | | Asymmetric Wide | 29,800 | 29,800 | 22,600 | 23,000 | - | - | - | - | - | - | - | - |
| | | | Medium (NEMA 4) | 37,500 | 37,500 | 29,100 | 29,600 | 35,400 | 35,400 | 27,000 | 27,600 | 33,400 | 33,400 | 24,900 | 25,500 |
| | | | Wide (NEMA 6) | 37,500 | 37,500 | 29,100 | 29,600 | 35,400 | 35,400 | 27,000 | 27,600 | 33,400 | 33,400 | 24,900 | 25,500 |
| 36,000 | 234 | 241 | Very Wide (NEMA 7x6) | 37,500 | 37,500 | 29,100 | 29,600 | 35,400 | 35,400 | 27,000 | 27,600 | 33,400 | 33,400 | 24,900 | 25,500 |
| | | | Asymmetric | - | - | - | - | 32,800 | 32,800 | 24,400 | 24,900 | 30,800 | 30,800 | 22,300 | 22,900 |
| | | | Asymmetric Wide | 34,900 | 34,900 | 26,400 | 27,000 | - | - | - | - | - | - | - | - |
| | | | Medium (NEMA 4) | 51,000 | 51,000 | 39,500 | 40,300 | 48,200 | 48,200 | 36,700 | 37,500 | 45,400 | 45,400 | 33,900 | 34,700 |
| | | | Wide (NEMA 6) | 51,000 | 51,000 | 39,500 | 40,300 | 48,200 | 48,200 | 36,700 | 37,500 | 45,400 | 45,400 | 33,900 | 34,700 |
| 48,000 | 346 | 357 | Very Wide (NEMA 7x6) | 51,000 | 51,000 | 39,500 | 40,300 | 48,200 | 48,200 | 36,700 | 37,500 | 45,400 | 45,400 | 33,900 | 34,700 |
| | | | Asymmetric | - | - | - | - | 44,600 | 44,600 | 33,200 | 33,900 | 41,800 | 41,800 | 30,300 | 31,100 |
| | | | Asymmetric Wide | 47,400 | 47,400 | 36,000 | 36,700 | - | - | - | - | - | - | - | - |
| | | | Medium (NEMA 4) | 65,000 | 65,000 | 50,400 | 51,400 | 61,400 | 61,400 | 46,800 | 47,800 | 57,900 | 57,900 | 43,200 | 44,200 |
| | | | Wide (NEMA 6) | 65,000 | 65,000 | 50,400 | 51,400 | 61,400 | 61,400 | 46,800 | 47,800 | 57,900 | 57,900 | 43,200 | 44,200 |
| 60,000 | 484 | 499 | Very Wide (NEMA 7x6) | 65,000 | 65,000 | 50,400 | 51,400 | 61,400 | 61,400 | 46,800 | 47,800 | 57,900 | 57,900 | 43,200 | 44,200 |
| | | | Asymmetric | - | - | - | - | 56,900 | 56,900 | 42,300 | 43,200 | 53,300 | 53,300 | 38,700 | 39,700 |
| | | | Asymmetric Wide | 60,500 | 60,500 | 45,800 | 46,800 | - | - | - | - | - | - | - | - |

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 nad the purchaser of Dialight products and/or an end-ver, 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

| Lumen | Wattage | Wattage | Ontin | PC Optic Only | Glass Lens | Polycarbonate Lens | | | | | | | | | | | |
|-----------|---------------|---------------|-----------------|---|------------|----------------------|--------|------------|--------|--------|--------|-----|-----|----------------------|--------|--------|--------|
| Family | (120-277 VAC) | (347-480 VAC) | Орис | Optic Amber Amber adium (NEMA 4) 13,000 12,300 Vide (NEMA 6) 13,000 12,300 Wide (NEMA 7x6) 13,000 12,300 Asymmetric - 11,600 symmetric Wide 12,400 - adium (NEMA 4) 23,000 21,700 | Amber | | | | | | | | | | | | |
| | | | Medium (NEMA 4) | 13,000 | 12,300 | 11,600 | | | | | | | | | | | |
| | F1 12,000 226 | 230 | 230 | 230 | 230 | Wide (NEMA 6) | 13,000 | 12,300 | 11,600 | | | | | | | | |
| F1 12,000 | | | | | | Very Wide (NEMA 7x6) | 13,000 | 12,300 | 11,600 | | | | | | | | |
| | | | | | | | | Asymmetric | - | 11,600 | 10,400 | | | | | | |
| | | | Asymmetric Wide | 12,400 | - | - | | | | | | | | | | | |
| | | | Medium (NEMA 4) | 23,000 | 21,700 | 20,500 | | | | | | | | | | | |
| | | | Wide (NEMA 6) | 23,000 | 21,700 | 20,500 | | | | | | | | | | | |
| F2 24,000 | 461 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | 485 | Very Wide (NEMA 7x6) | 23,000 | 21,700 | 20,500 |
| | | | Asymmetric | - | 20,500 | 18,400 | | | | | | | | | | | |
| | | | Asymmetric Wide | 21,900 | - | - | | | | | | | | | | | |

Inrush Current

| | | F1 Models | | | | | | | |
|-------------------------|-------------|-----------------|-------------|-----|------|--|--|--|--|
| VAC | 120 | 240 | 347 | 415 | 480 | | | | |
| Peak inrush current (A) | 7.7 | 15.4 | 4.1 | 4.9 | 5.7 | | | | |
| Duration, T50 (ms) | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | |
| F2 Models (30 - 36klm) | | | | | | | | | |
| Peak inrush current (A) | 7.7 | 15.4 | 4.1 | 4.9 | 5.7 | | | | |
| Duration, T50 (ms) | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | |
| | F2 Models (| 48 - 65klm & 24 | lklm Amber) | | | | | | |
| Peak inrush current (A) | 15.4 | 30.8 | 8.2 | 9.8 | 11.4 | | | | |
| Duration, T50 (ms) | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | |

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-ver, 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.



Maximum per Circuit Breaker

| 120 VAC | | | | | | | | | |
|--------------|--------|--------|--------|--|--|--|--|--|--|
| Lumen Output | 10 Amp | 16 Amp | 20 Amp | | | | | | |
| 12,000 | 9 | 14 | 17 | | | | | | |
| 18,000 | 6 | 9 | 11 | | | | | | |
| 24,000 | 4 | 6 | 8 | | | | | | |
| 30,000 F1 | 3 | 5 | 6 | | | | | | |
| 30,000F2 | 4 | 6 | 7 | | | | | | |
| 36,000 | 3 | 5 | 6 | | | | | | |
| 48,000 | 2 | 3 | 4 | | | | | | |
| 60,000 | 1 | 2 | 3 | | | | | | |
| 12,000 Amber | 3 | 5 | 6 | | | | | | |
| 24,000 Amber | 2 | 2 | 3 | | | | | | |

| | 240 VAC | |
|--------|---------|--------|
| 10 Amp | 16 Amp | 20 Amp |
| 17 | 28 | 35 |
| 11 | 18 | 23 |
| 8 | 13 | 16 |
| 6 | 10 | 12 |
| 7 | 11 | 14 |
| 6 | 10 | 12 |
| 4 | 7 | 8 |
| 3 | 5 | 6 |
| 6 | 10 | 13 |
| 3 | 5 | 6 |

| | 277 VA | C | |
|--------------|--------|--------|--------|
| Lumen Output | 10 Amp | 16 Amp | 20 Amp |
| 12,000 | 20 | 32 | 40 |
| 18,000 | 13 | 21 | 26 |
| 24,000 | 9 | 15 | 19 |
| 30,000 F1 | 7 | 11 | 14 |
| 30,000F2 | 8 | 13 | 16 |
| 36,000 | 7 | 11 | 14 |
| 48,000 | 5 | 8 | 9 |
| 60,000 | 3 | 5 | 7 |
| 12,000 Amber | 7 | 12 | 14 |
| 24,000 Amber | 4 | 6 | 7 |

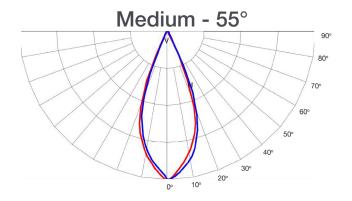
| | 415 VAC | |
|--------|---------|--------|
| 10 Amp | 16 Amp | 20 Amp |
| 29 | 47 | 58 |
| 19 | 31 | 38 |
| 14 | 22 | 27 |
| 10 | 17 | 21 |
| 12 | 19 | 24 |
| 10 | 16 | 20 |
| 7 | 11 | 14 |
| 5 | 8 | 10 |
| 11 | 17 | 21 |
| 5 | 8 | 10 |

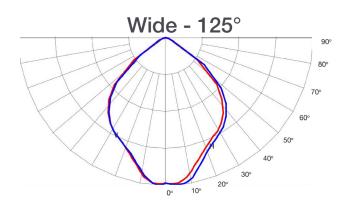
Dialight recommends using B or C type breakers.

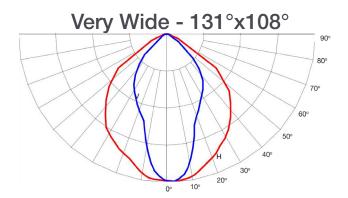
These tables are based on steady-state input current and nominal breaker current ratings @ 80% derating.

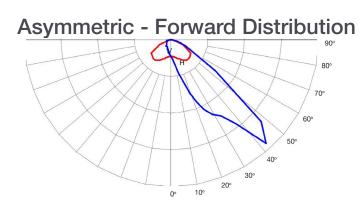


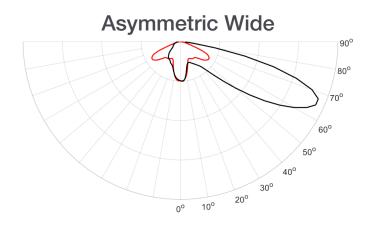
Beam Distribution











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 nad the purchaser of Dialight products and/or an end-very, 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 Maintenance Factor - F1

| | F1 Floodlight 12k lm (Hours) | | | | | | | | | | | | |
|---------|------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--|--|--|--|
| Ambient | 0 | 15000 | 30000 | 45000 | 60000 | 75000 | 90000 | 100000 | 150000 | | | | |
| 25°C | 100% | 98% | 97% | 96% | 96% | 95% | 94% | 93% | 91% | | | | |
| 30°C | 99% | 97% | 96% | 95% | 95% | 94% | 93% | 92% | 90% | | | | |
| 35°C | 98% | 96% | 96% | 95% | 95% | 94% | 93% | 92% | 90% | | | | |
| 40°C | 98% | 96% | 95% | 94% | 94% | 93% | 92% | 91% | 89% | | | | |
| 45°C | 97% | 95% | 94% | 93% | 93% | 92% | 91% | 90% | 88% | | | | |
| 50°C | 96% | 94% | 94% | 93% | 93% | 92% | 91% | 90% | 88% | | | | |
| 55°C | 96% | 94% | 93% | 92% | 91% | 90% | 90% | 89% | 87% | | | | |
| 60°C | 95% | 93% | 92% | 91% | 91% | 90% | 89% | 89% | 86% | | | | |
| 65°C | 94% | 92% | 92% | 91% | 90% | 89% | 88% | 88% | 85% | | | | |

| | F1 Floodlight 18k lm (Hours) | | | | | | | | | | | |
|---------|------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--|--|--|
| Ambient | 0 | 15000 | 30000 | 45000 | 60000 | 75000 | 90000 | 100000 | 150000 | | | |
| 25°C | 100% | 98% | 97% | 96% | 96% | 95% | 94% | 93% | 91% | | | |
| 30°C | 99% | 97% | 96% | 95% | 95% | 94% | 93% | 92% | 90% | | | |
| 35°C | 98% | 96% | 96% | 95% | 95% | 94% | 93% | 92% | 90% | | | |
| 40°C | 98% | 96% | 95% | 94% | 94% | 93% | 92% | 91% | 89% | | | |
| 45°C | 97% | 95% | 94% | 93% | 93% | 92% | 91% | 90% | 88% | | | |
| 50°C | 96% | 94% | 94% | 93% | 93% | 92% | 91% | 90% | 88% | | | |
| 55°C | 96% | 94% | 93% | 92% | 91% | 90% | 90% | 89% | 87% | | | |
| 60°C | 95% | 93% | 92% | 91% | 91% | 90% | 89% | 89% | 86% | | | |
| 65°C | 94% | 92% | 92% | 91% | 90% | 89% | 88% | 88% | 85% | | | |

| F1 Floodlight 30k lm (Hours) | | | | | | | | | |
|------------------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|
| Ambient | 0 | 15000 | 30000 | 45000 | 60000 | 75000 | 90000 | 100000 | 150000 |
| 25°C | 100% | 98% | 95% | 93% | 91% | 89% | 87% | 85% | 79% |
| 30°C | 99% | 97% | 94% | 92% | 90% | 88% | 86% | 84% | 78% |
| 35°C | 98% | 96% | 93% | 91% | 89% | 87% | 85% | 83% | 77% |
| 40°C | 97% | 94% | 92% | 90% | 88% | 85% | 83% | 82% | 76% |
| 45°C | 96% | 93% | 91% | 88% | 86% | 84% | 82% | 81% | 74% |
| 50°C | 94% | 92% | 90% | 87% | 85% | 83% | 81% | 79% | 72% |
| 55°C | 93% | 91% | 88% | 86% | 84% | 81% | 79% | 78% | 71% |
| 60°C | 92% | 90% | 87% | 85% | 82% | 80% | 78% | 76% | 70% |
| 65°C | 91% | 88% | 86% | 84% | 81% | 79% | 77% | 75% | 68% |

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 nad the purchaser of Dialight products and/or an end-ver, 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.

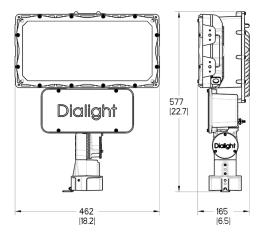


Lumen Maintenance Factor - F2

| F2 Floodlight 60k lm (Hours) | | | | | | | | | |
|------------------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|
| Ambient | 0 | 15000 | 30000 | 45000 | 60000 | 75000 | 90000 | 100000 | 150000 |
| 25°C | 100% | 98% | 95% | 93% | 91% | 89% | 87% | 85% | 79% |
| 30°C | 99% | 96% | 94% | 92% | 90% | 88% | 86% | 84% | 78% |
| 35°C | 98% | 95% | 93% | 91% | 88% | 86% | 84% | 83% | 76% |
| 40°C | 96% | 94% | 92% | 89% | 87% | 85% | 83% | 81% | 75% |
| 45°C | 95% | 93% | 90% | 88% | 86% | 83% | 81% | 80% | 73% |
| 50°C | 94% | 91% | 89% | 87% | 84% | 82% | 80% | 78% | 72% |
| 55°C | 93% | 90% | 88% | 85% | 83% | 80% | 78% | 77% | 70% |

Dimensional Drawings

F1 Slipfitter Bracket - CE



Dimensions in mm [inches]

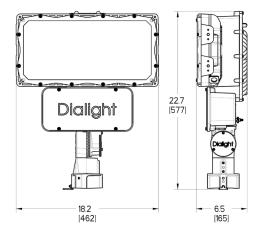
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions 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-ver, 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

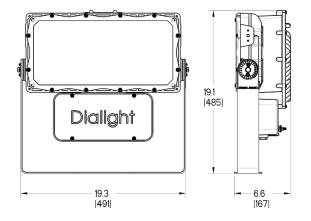
F1 Slipfitter Bracket - UL 1598/A

(7.5° tilt adjustment)



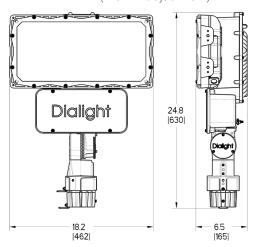
F1 Straight Bracket

(7.5° tilt adjustment)



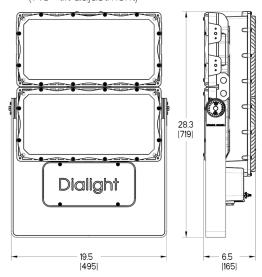
F1 Slipfitter Bracket - UL 844 (CID2 Only)

(7.5° tilt adjustment)

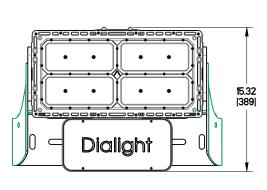


F2 Straight Bracket

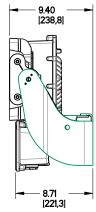
(7.5° tilt adjustment)

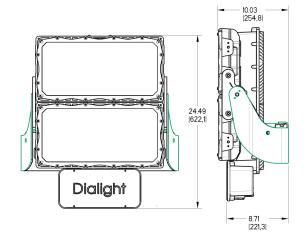


Prosite Floodlight Heavy Duty Bracket







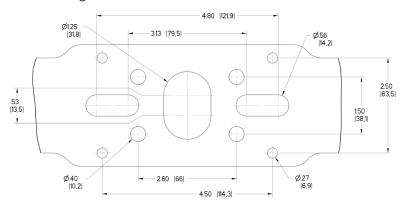


DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions 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.

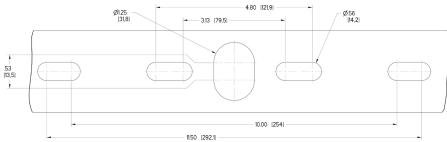


Dimensional Drawings

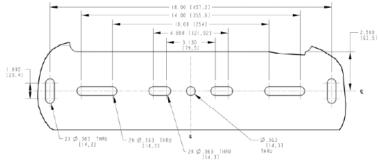
F1 Mounting Bracket



F2 Mounting Bracket



F1 and F2 Heavy-Duty Bracket



Dimensions in inches [mm]



Mounting Accessories - Gray



FLX-1TPT-20LG

- Tenon pole topper, 2-3/8" mount
- Kit includes: Tenon topper, pole set screws



FLX-1RAB-20LG

- Right angle mounting bracket for 2-3/8" light mount
- Kit includes: Right angle bracket



FLX-2LBH-20LG

- Bull horn for 2 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws

15

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.



Accessories



F1NVISOR

F1 visor NEMA optics



F2NVISOR

• F2 visor NEMA optics



F2AVISOR

- F2 visor asymmetric optics
- Not suitable for asymmetric wide optic



H6XCAB72

- 72" stainless steel safety rope
- Kit includes: (1) cable **H6XCAB60**¹
- 60" stainless steel safety rope
- Kit includes: (1) cable



F1SPIKES F2SPIKES

• Bird spikes



FLWG

- Wire guard
- Kit includes (1) assembly



SLPC01R

- Photocell, 105-305 VAC SLPC02R
- Photocell, 312-382 VAC SLPC03R
- Photocell, 432-528 VAC

¹F1 models require 1 cable per unit. F2 models require 2 cables per unit.

Replacements*

| Replacement Power Supplies | | | | |
|----------------------------|-------------------------------|--|--|--|
| Part Number | Description | | | |
| F1PS2B | 120-277V Power Supply, 12k lm | | | |
| F1PS2C | 120-277V Power Supply, 18k lm | | | |
| F1PS2E | 120-277V Power Supply, 24k lm | | | |
| F1PS2F | 120-277V Power Supply, 30k lm | | | |
| F2PS2N | 120-277V Power Supply, 60k lm | | | |
| F1PS5B | 347-480V Power Supply, 12k lm | | | |
| F1PS5C | 347-480V Power Supply, 18k lm | | | |
| F1PS5E | 347-480V Power Supply, 24k Im | | | |
| F1PS5F | 347-480V Power Supply, 30k lm | | | |
| F2PS5N | 347-480V Power Supply, 60k lm | | | |

FLWIRELESS

Wireless controls card



FL10KV277

- 10kA surge protection 100-277V
- FL10KV480
- 10kA surge protection 347-480V



FLGLASSLG

- Glass lens, grey **FLPCLG**
- Polycarb lens, grey
- Kit includes (1) assembly

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 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.

^{*}Replacements parts for CE models only.

Dialight Europe Ltd

60 Petty France London, SW1H 9EU, United Kingdom Tel: +44 (0) 203 058 3540

Email: sales-emea@dialight.com

Middle East

Level 23 - Boulevard Plaza Tower 2 Emaar Boulevard, Dubai, U.A.E. P.O. Box 124342

Tel: +971 (4) 409-6962 Fax: +971 (4) 409-6850

If regulations. It regulations are specifications are specifications are specifications are specifications are specifications. 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 designed by the products of the date of publication. All values and performance data herein are designed by the products of the date of publication. All values and performance data herein are designed by the products of the date of publication. The products of the date of publication and/or unauthorised use of its products. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including vant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranties. To the extent performed between Dialight and the purchaser Dialight products and/or an end-user, versions of documents available at www.dialight.com, (a) the relevant product warranties. To the extent permissible under the relevant product warranties. To the extent permissible under the relevant law, Dialight disclaims all 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 ducts. 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 information or for any third-party representations made in relation to Dialight products.