



50,000
HOURS

5
YEARS'
WARRANTY

EXTERIOR RANGE



VENTURE
LIGHTING



A **high power, low maintenance** solution for your outdoor lighting needs. With **multiple beam angles, rotatable fittings** and **excellent efficacy**, delivering flexibility and longevity. These **high-output** floodlights are designed to replace traditional 1kW and 2kW light fittings. **Uses asymmetric lenses to greatly reduce glare and light pollution.**

PENDEEN FLOODLIGHT

480W Pendeen Floodlight, 757, 2122 Distribution



Order Code: FLD145

Photometric Data

| | |
|------------------------------|----------------------|
| Colour Rendering Index (CRI) | 70-79 |
| Lumens | 69600 |
| LPW (lm/W) | 145 |
| Colour Temperature (K) | 5700 - 5700 |
| SDCM | <5 |
| Light Distribution | Symmetric/asymmetric |
| Lens / Reflector | Reflector Lens |
| Photobiological Risk Group | RG2 |

Life Data

| Rated Life (Hrs) | Ta = 25C | | Ta = Tmax | |
|------------------|----------|-------|-----------|---|
| | | 50000 | - | - |

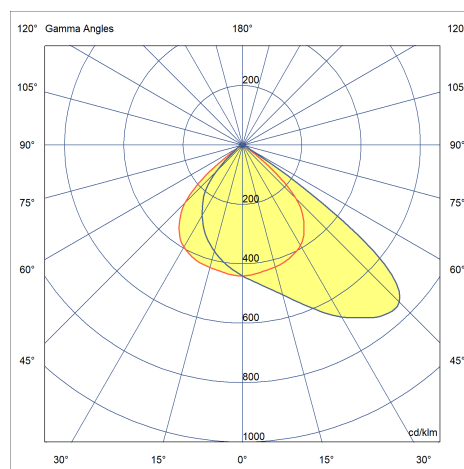
| Lumens Maintenance (Hrs) | Ta = 25C | | Ta = Tmax | |
|--------------------------|----------|-------|-----------|-----|
| | B50 | B10 | B50 | B10 |
| L70 | - | - | - | - |
| L80 | - | 50000 | - | - |
| L90 | - | - | - | - |

Electrical Data

| | |
|---------------------------------|------------------|
| Input (W) | 480 |
| Input (V)±10% | 220 - 240 |
| Voltage Type | AC |
| Power Factor | 0.95 |
| THD (%) | 10 |
| Energy Efficiency Class (EEC) | A++, A+, A (LED) |
| Electrical Class | I |
| Short Circuit Protection | Yes |
| Thermal Overload Protection | Yes |
| Over Voltage Protection | Yes |
| Type of Wiring | Ending |
| Wiring X-sec (mm ²) | 1.5 |
| Non-dimmable | Yes |

Physical Data

| | |
|--|---------------------|
| Surface Protection | Powder Coating |
| Degree of Protection (IP) | IP67 |
| Housing Colour | Grey |
| Housing Material | Aluminium |
| Reflector | None |
| Length (mm) | 655 |
| Width (mm) | 360 |
| Height/Depth (mm) | 360 |
| Suitable for wall mounting | Yes |
| Suitable for surface mounting | Yes |
| Lamp Type | LED Exchangeable |
| Surface Protection | Powder Coating |
| Cover Material | Transparent Plastic |
| Impact Strength | IK07 |
| Floodlight Head Weight (kg) | 13.1 |
| Maximum Projected Area (m ²) | 0.24 |



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Environmental Data

| | |
|--------------------------------------|-----------|
| Ambient Rated Temperature Range (°C) | -25 to 40 |
|--------------------------------------|-----------|