

# PRODUCT DATASHEET

## LED PERFORMANCE HP FLOOD 600W 840 90D

LED PERFORMANCE HIGHPOWER FLOODLIGHT | Luminaires



### Areas of application

- Airports
- Area lighting
- Sports facilities
- Mast or wall mounting
- Outdoor use (IP65)

### Product benefits

- Dust and water protection according to IP65
- Designed for extra performance
- Low maintenance costs thanks to long lifetime
- Aesthetic and functional product design

### Product features

- Die-cast aluminum housing
- Luminous efficacy: up to 120 lm/W
- Available with color temperature: 4,000 K, 6,500 K
- Lifetime (L70/B50): 50,000 h



## TECHNICAL DATA

### Electrical data

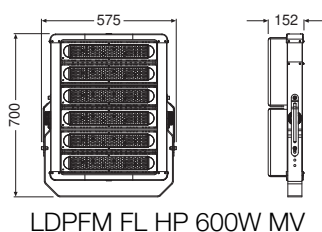
|                           |             |
|---------------------------|-------------|
| Nominal wattage           | 600.00 W    |
| Nominal voltage           | 100...240 V |
| Mains frequency           | 50...60 Hz  |
| Power factor $\lambda$    | $\geq 0.90$ |
| Total harmonic distortion | < 20 %      |
| Protection class          | I           |

### Photometrical data

|                           |            |
|---------------------------|------------|
| Luminous flux             | 72000 lm   |
| Luminous efficacy         | 120 lm/W   |
| Color temperature         | 4000 K     |
| Light color (designation) | Cool White |
| Color rendering index Ra  | $\geq 80$  |
| Beam angle                | 90 °       |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 575.00 mm  |
| Width          | 700.00 mm  |
| Height         | 152.00 mm  |
| Product weight | 20800.00 g |



### Materials & Colors

|               |          |
|---------------|----------|
| Product color | Black    |
| Housing color | Black    |
| Body material | Aluminum |

|                 |                    |
|-----------------|--------------------|
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

### Application & Mounting

|  |                  |
|--|------------------|
| Ambient temperature range              | -30...+50 °C     |
| Type of connection                     | Cable, 3-pole    |
| Type of protection                     | IP65             |
| Protection class IK (shock resistance) | IK08             |
| Dimmable                               | No               |
| Mounting type                          | Standing Surface |
| Mounting location                      | Ground / Pole    |

### Lifespan


|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h <sup>1)</sup> |
|---------------------------|-----------------------|

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Replaceable light source (EPREL) | Not replaceable |
|----------------------------------|-----------------|

### DOWNLOAD DATA

| Photometric and lighting design files  |                | Document name            |
|--|----------------|--------------------------|
|  | IES file (IES) | LDPFM FL HP 600W 840 90D |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075418769 | Shipping box<br>1            | 775 mm x 650 mm x 230 mm             | 22820.00 g   | 115.86 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.