

### Dane podstawowe

|                       |   |
|-----------------------|---|
| Rodzina produktów     | Plati   |
| Typ oprawy            | Naświetlacz LED                                 |
| Zintegrowany zasilacz | Tak   |
| Producent chipów LED  | Epistar   |
| Możliwości montażu    | Natynkowo                                       |
| Sterowanie            | Brak, oprawa nie współpracuje ze ściemniaczami. |
| Certyfikaty           | CE, RoHS  |
| Gwarancja             | 2 lata  |
| Materiały             | Aluminium                                       |

### Parametry świetlne

|                         |                     |
|-------------------------|---------------------|
| Strumień świetlny       | od 750lm do 22500lm |
| Skuteczność świetlna    | 75 - 80lm/W         |
| Temperatura barwowa     | 3000, 6000K         |
| Wskaźnik oddawania barw | >70                 |
| Kąt rozsyłu             | 120°                |
| Jednolitość barw        | <6SDCM              |

### Parametry elektryczne

|                                     |           |
|-------------------------------------|-----------|
| Moc nominalna                       | 10 - 300W |
| Napięcie zasilające                 | 230V      |
| Częstotliwość napięcia zasilającego | 50-60Hz   |
| Współczynnik mocy                   | >0,9      |
| Klasa energetyczna                  | A+        |

### Parametry eksploatacyjne

|                                   |                 |
|-----------------------------------|-----------------|
| Trwałość                          | 25 000h         |
| Liczba cykli włącz/wyłącz         | >15 000         |
| LLMF                              | >0,7            |
| Klasa szczelności IP              | 65              |
| Czas nagrzewania się lampy do 60% | pomijalny       |
| Czas zapłonu                      | <0,5s           |
| Temperatura pracy                 | od -10° do 40°C |
| Temperatura składowania           | od -20° do 60°C |

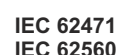
### Parametry znamionowe

|                                |                     |
|--------------------------------|---------------------|
| Moc znamionowa                 | 10 - 300W           |
| Znamionowy strumień świetlny   | od 750lm do 22500lm |
| Znamionowa trwałość lampy      | 25 000h             |
| Znamionowa światłość szczytowa | 498cd               |
| Znamionowy kąt rozsyłu         | 120°                |



| indeks | moc  | strumień świetlny | kąt rozsyłu | temperatura barwowa | CRI | IP | waga netto | wymiary oprawy  | wymiary opakowania |
|--------|------|-------------------|-------------|---------------------|-----|----|------------|-----------------|--------------------|
| LFL101 | 10W  | 800lm             | 120°        | 6000K               | >70 | 65 | 0,376kg    | L115xW108xH26mm | L125xW100xH55mm    |
| LFL102 | 10W  | 750lm             | 120°        | 3000K               | >70 | 65 | 0,376kg    | L115xW108xH26mm | L125xW100xH55mm    |
| LFL103 | 20W  | 1500lm            | 120°        | 6000K               | >70 | 65 | 0,709kg    | L153xW132xH27mm | L158xW115xH55mm    |
| LFL104 | 20W  | 1400lm            | 120°        | 3000K               | >70 | 65 | 0,709kg    | L153xW132xH27mm | L158xW115xH55mm    |
| LFL105 | 30W  | 2500lm            | 120°        | 6000K               | >70 | 65 | 0,964kg    | L178xW152xH28mm | L190xW140xH50mm    |
| LFL106 | 30W  | 2400lm            | 120°        | 3000K               | >70 | 65 | 0,964kg    | L178xW152xH28mm | L190xW140xH50mm    |
| LFL107 | 50W  | 4500lm            | 120°        | 6000K               | >70 | 65 | 1,233kg    | L223xW188xH28mm | L230xW175xH52mm    |
| LFL108 | 50W  | 4000lm            | 120°        | 3000K               | >70 | 65 | 1,233kg    | L223xW188xH28mm | L230xW175xH52mm    |
| LFL109 | 100W | 8000lm            | 120°        | 6000K               | >70 | 65 | 1,990kg    | L291xW240xH30mm | L305xW225xH55mm    |
| LFL111 | 150W | 12000lm           | 120°        | 6000K               | >70 | 65 | 4,176kg    | L411xW313xH50mm | L415xW325xH55mm    |
| LFL113 | 200W | 15000lm           | 120°        | 6000K               | >70 | 65 | 4,720kg    | L439xW346xH56mm | L444xW251xH61mm    |
| LFL115 | 250W | 18500lm           | 120°        | 6000K               | >70 | 65 | 6,320kg    | L484xW381xH56mm | L489xW386xH61mm    |
| LFL117 | 300W | 22500lm           | 120°        | 6000K               | >70 | 65 | 7,600kg    | L520xW415xH55mm | L534xW420xH60mm    |

Oprawa jest przeznaczona do zastosowań zewnętrznych  
Oprawa nie jest przeznaczona do oświetlenia akcentowego.



### General characteristics

|                        |                |
|------------------------|----------------|
| Family name            | Plati          |
| Luminaire type         | LED Floodlight |
| Integrated driver      | Yes            |
| LED chips manufacturer | Epistar        |
| Installation options   | On surface     |
| Intelligent control    | None           |
| Certificates           | CE, RoHS       |
| Warranty               | 2 years        |
| Materials              | Aluminum       |

### Light technical characteristic

|                         |                       |
|-------------------------|-----------------------|
| Luminaire luminous flux | from 750lm to 22500lm |
| Luminous efficacy       | 75 - 80lm/W           |
| Color temperature       | 3000, 6000K           |
| CRI                     | >70                   |
| Beam angle              | 120°                  |
| Color consistency       | <6SDCM                |

### Electrical characteristics

|                         |           |
|-------------------------|-----------|
| Wattage                 | 10 - 300W |
| Voltage                 | 230V      |
| Voltage frequency       | 50-60Hz   |
| Power factor            | >0,9      |
| Energy efficiency label | A+        |

### Operating characteristics

|                     |                   |
|---------------------|-------------------|
| Lifetime            | 25 000h           |
| Switching cycle     | >15 000           |
| LLMF                | >0,7              |
| IP                  | 65                |
| Warm up time        | negligible        |
| Starting time       | <0,5s             |
| Working temperature | from -10° to 40°C |
| Storage temperature | from -20° to 60°C |

### Rated parameters

|                          |                       |
|--------------------------|-----------------------|
| Rated power              | 10 - 300W             |
| Rated luminous flux      | from 750lm to 22500lm |
| Rated lifetime           | 25 000h               |
| Rated luminous intensity | 498cd                 |
| Rated beam angle         | 120°                  |



| index  | power | luminous flux | lighting angle | color temperature | CRI | IP | weight net | dimensions      | packaging dimensions |
|--------|-------|---------------|----------------|-------------------|-----|----|------------|-----------------|----------------------|
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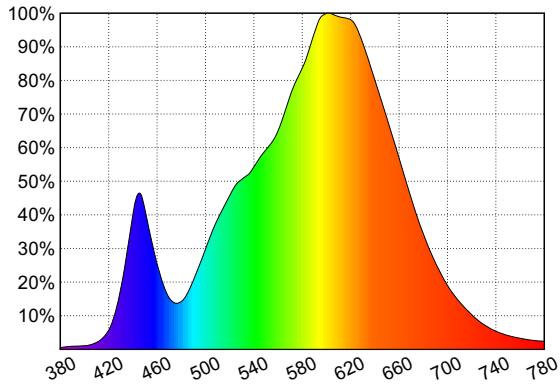
\*w compared to luminaires with CFL lamps

No accent lighting.

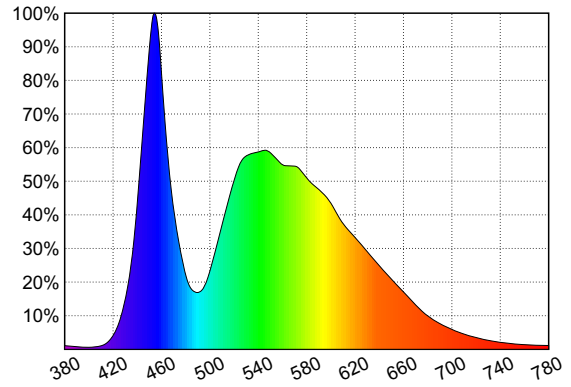


IEC 62471  
IEC 62560

### Spectrum for CCT: 3000K



### Spectrum for CCT: 6000K



### Photometric solid

