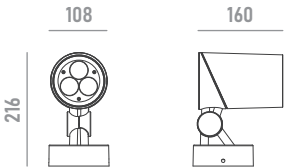


PRODUCT DATASHEET

Last information update: Feb. 2025



SERRA-3

0811W20

Architectural LED floodlight for outdoor applications

Technical Features

|                         |                                       |
|-------------------------|---------------------------------------|
| Power                   | 20W                                   |
| Input voltage           | AC100-240V                            |
| Insulation class        | I                                     |
| Delivered flux          | 1,600 lm ±10%                         |
| Light distribution type | Symmetrical / elliptical              |
| Beam angle              | 6°, 12°, 20°, 30°, 45°, 60° / 10°x70° |
| Light colour / CCT      | 2700K, 3000K, 4000K                   |
| CRI                     | 80                                    |
| Source type             | LED                                   |
| LED number              | 3                                     |
| MacAdam step            | 5                                     |
| Power supply            | Built-in                              |
| Control                 | ON/OFF                                |
| Protection index        | IP66                                  |
| Impact resistance       | IK08                                  |
| Lifetime                | 50,000 hours Ta=25°C                  |

Construction

High weather-resistant fluorocarbon painted die-cast aluminum body, tempered glass cover, polycarbonate optical lenses.

Temperature Limits

|                               |                     |
|-------------------------------|---------------------|
| Ambient operating temperature | from -20°C to +50°C |
| Storage temperature           | from -40°C to +70°C |

Installation

Surface mounted with adjustable base (standard).

Finish Colours

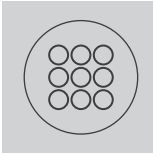
RAL9023 Pearl Dark Grey (standard). Other RAL colours on request.

Wiring

Power input cable OPEN END 1,000 mm

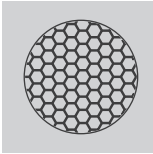


Optional Accessories



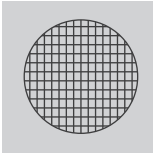
anti-glare grille (for models with optics <= 30°)  
\*can not be ordered separately

A01



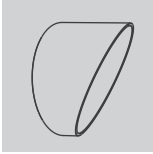
honeycomb louvre  
\*can not be ordered separately

A02

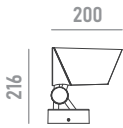


anti-glare glass  
\*can not be ordered separately

A04



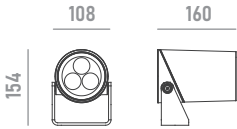
anti-glare visor  
\*can not be ordered separately



A06



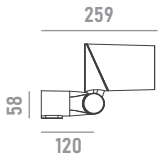
U-bracket  
\*can not be ordered separately



A11



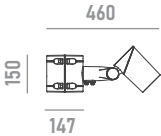
pole adapter (for Ø48mm poles)  
\*can not be ordered separately



A12



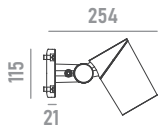
pole clamp (for Ø114mm poles)  
\*can not be ordered separately



A13



pole plate (for Ø67~325mm T>=4 poles)  
\*can not be ordered separately

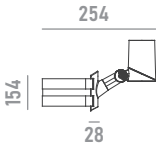


A14

Optional Accessories



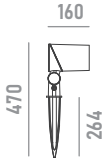
strap (for  $\Phi 168\sim 268$ mm trees)  
\*can not be ordered separately



A15



spike  
\*can not be ordered separately



A16

Ordering Information

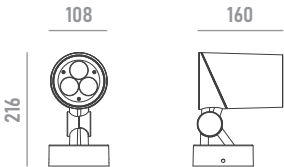
example: 0811W20.0006.2780.01+A01

0811W20 · [ ] · [ ] · [ ] + [ ]

| product     | beam angle |         | light colour / CCT |            | finish colour |         | accessory |                   |
|-------------|------------|---------|--------------------|------------|---------------|---------|-----------|-------------------|
| SERRA-3-20W | 0006       | 6°      | 2780               | 2700K RA80 | 01            | RAL9023 | A01       | anti-glare grille |
|             | 0012       | 12°     | 3080               | 3000K RA80 |               |         | A02       | honeycomb louvre  |
|             | 0020       | 20°     | 4080               | 4000K RA80 |               |         | A04       | anti-glare glass  |
|             | 0030       | 30°     |                    |            |               |         | A06       | anti-glare visor  |
|             | 0040       | 45°     |                    |            |               |         | A11       | U-bracket         |
|             | 0060       | 60°     |                    |            |               |         | A12       | pole adapter      |
|             | 1070       | 10°x70° |                    |            |               |         | A13       | pole clamp        |
|             |            |         |                    |            |               |         | A14       | pole plate        |
|             |            |         |                    |            |               |         | A15       | strap             |
|             |            |         |                    |            |               |         | A16       | spike             |

PRODUCT DATASHEET

Last information update: Feb. 2025



SERRA-3

0811W30

Architectural LED floodlight for outdoor applications

Technical Features

|                         |                                       |
|-------------------------|---------------------------------------|
| Power                   | 30W                                   |
| Input voltage           | AC100-240V                            |
| Insulation class        | I                                     |
| Delivered flux          | 2,400 lm ±10%                         |
| Light distribution type | Symmetrical / elliptical              |
| Beam angle              | 6°, 12°, 20°, 30°, 45°, 60° / 10°x70° |
| Light colour / CCT      | 2700K, 3000K, 4000K                   |
| CRI                     | 80                                    |
| Source type             | LED                                   |
| LED number              | 3                                     |
| MacAdam step            | 5                                     |
| Power supply            | Built-in                              |
| Control                 | ON/OFF                                |
| Protection index        | IP66                                  |
| Impact resistance       | IK08                                  |
| Lifetime                | 50,000 hours Ta=25°C                  |

Construction

High weather-resistant fluorocarbon painted die-cast aluminum body, tempered glass cover, polycarbonate optical lenses.

Temperature Limits

|                               |                     |
|-------------------------------|---------------------|
| Ambient operating temperature | from -20°C to +50°C |
| Storage temperature           | from -40°C to +70°C |

Installation

Surface mounted with adjustable base (standard).

Finish Colours

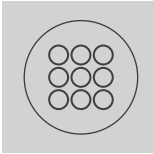
RAL9023 Pearl Dark Grey (standard). Other RAL colours on request.

Wiring

Power input cable OPEN END 1,000 mm

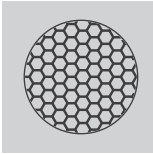


Optional Accessories



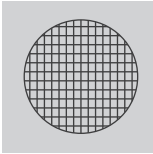
anti-glare grille (for models with optics <= 30°)  
\*can not be ordered separately

A01



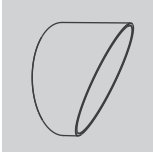
honeycomb louvre  
\*can not be ordered separately

A02

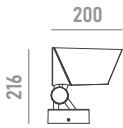


anti-glare glass  
\*can not be ordered separately

A04



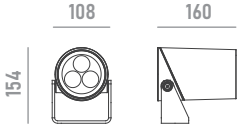
anti-glare visor  
\*can not be ordered separately



A06



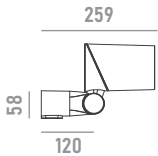
U-bracket  
\*can not be ordered separately



A11



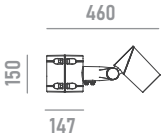
pole adapter (for Ø48mm poles)  
\*can not be ordered separately



A12



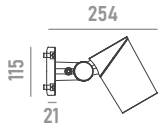
pole clamp (for Ø114mm poles)  
\*can not be ordered separately



A13



pole plate (for Ø67~325mm T>=4 poles)  
\*can not be ordered separately

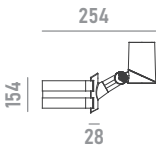


A14

Optional Accessories



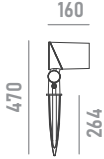
strap (for Ø168~268mm trees)  
\*can not be ordered separately



A15



spike  
\*can not be ordered separately



A16

Ordering Information

example: 0811W30.0006.2780.01+A01

0811W30 · [ ] · [ ] · [ ] + [ ]

| product     | beam angle |         | light colour / CCT |            | finish colour |         | accessory |                   |
|-------------|------------|---------|--------------------|------------|---------------|---------|-----------|-------------------|
| SERRA-3-30W | 0006       | 6°      | 2780               | 2700K RA80 | 01            | RAL9023 | A01       | anti-glare grille |
|             | 0012       | 12°     | 3080               | 3000K RA80 |               |         | A02       | honeycomb louvre  |
|             | 0020       | 20°     | 4080               | 4000K RA80 |               |         | A04       | anti-glare glass  |
|             | 0030       | 30°     |                    |            |               |         | A06       | anti-glare visor  |
|             | 0040       | 45°     |                    |            |               |         | A11       | U-bracket         |
|             | 0060       | 60°     |                    |            |               |         | A12       | pole adapter      |
|             | 1070       | 10°x70° |                    |            |               |         | A13       | pole clamp        |
|             |            |         |                    |            |               |         | A14       | pole plate        |
|             |            |         |                    |            |               |         | A15       | strap             |
|             |            |         |                    |            |               |         | A16       | spike             |