

Product:



General Specifications

| | Basler Camera Light Flood-255x45-Red | Basler Camera Light Flood-255x45-White | Basler Camera Light Flood-255x45-Blue |
|--------------------------|--------------------------------------|--|---------------------------------------|
| Model Name | BCF-255X45R | BCF-255X45W | BCF-255X45B |
| LED Color | Red | White | Blue |
| Wavelength | 625nm | 5500K | 465nm |
| Power consumption | 14W | 14W | 14W |
| Input Voltage | 24 VDC (±10 %) | 24 VDC (±10 %) | 24 VDC (±10 %) |

General Information

| | |
|-------------------------------|-----|
| RoHS Compliance | Yes |
| IEC 62471 Compliance | Yes |
| CE Conformity | Yes |
| Conformity EN61000-6-2 | Yes |
| Conformity EN61000-6-4 | Yes |

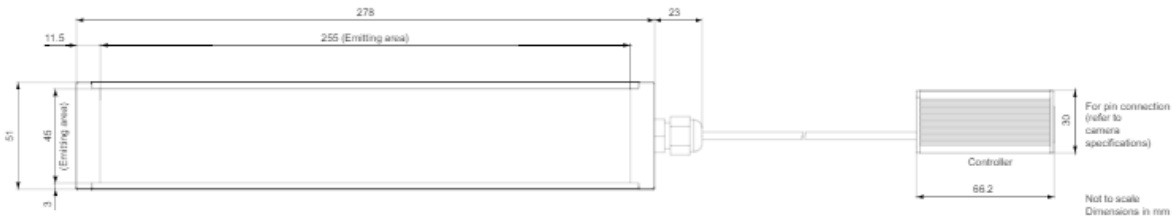
Key Features

- Operation via pylon software
- Fully automatic synchronization between camera and light
- Preconfigured hardware components
- Various sizes and LED colors

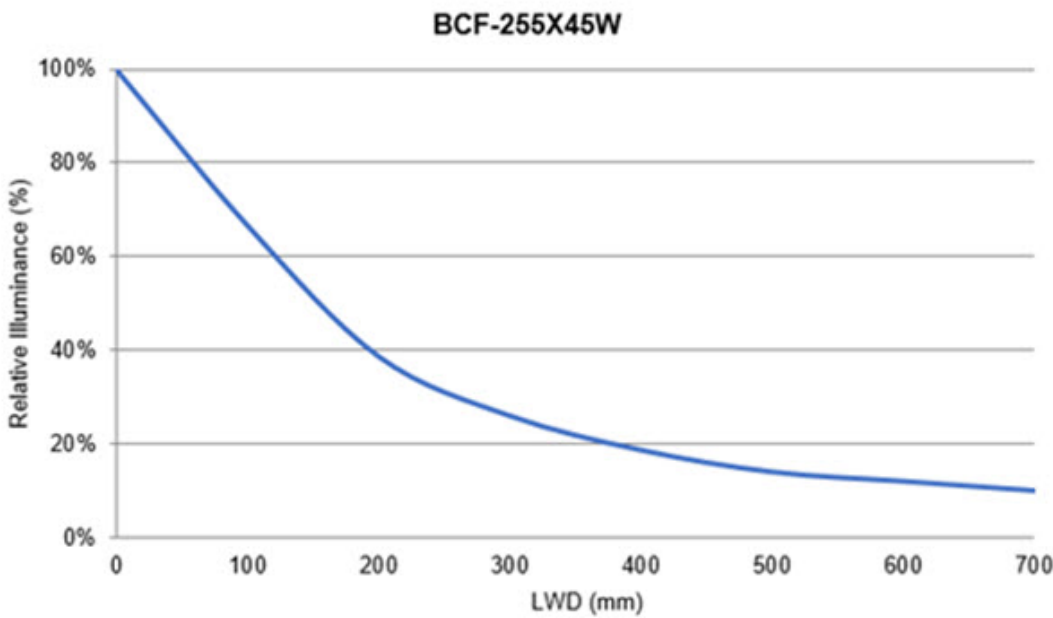
Controller Specifications

| | |
|---|---|
| Connectors | Controller: Würth Elektronik WR-TBL series [691382010006] Terminal Block Connector: Würth Elektronik WR-TBL series [691381000006] |
| Power Consumption | Controller part: 4 W max. Power output to camera: 24 W max. (depending on the camera used) |
| Drive Method | Constant voltage |
| Intensity Control Method | Pulse-width modulation (PWM) control |
| Pulse-Width Modulation Frequency | 100KHz |
| Cable length | Light cable: 500 mm Camera cable: 3 m max. |
| Housing Material | Aluminum alloy, Resin |

Floodlight Dimensions



Relative Illuminance versus Light Working Distance (LWD)



Spectrum

