

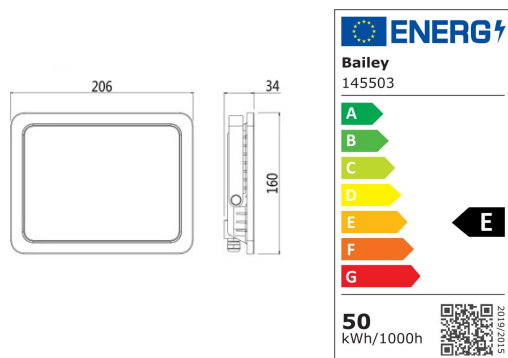


## LED Floodlight Grey 2.0 50W 5500lm 6500K

Article number: 145503

BAI LED Floodlight 2.0 50W 5500lm 6500K 220V-240V IP65 IK08 Alu housing grey 110° 0.5m cable

The Floodlight 2.0 with compact body and high efficiency is also called a spotlight or construction lamp. The LED version consumes little power and lasts a long time so that they are more durable than the traditional predecessors. Can be mounted on both wall and ceiling. The housing is made of cast aluminum. Comes with 50cm connection cable. Suitable for ambient temperatures from -35°C to +45°C. Consult specifications and warranty for installation.



## General ETIM properties

|               |                                          |
|---------------|------------------------------------------|
| ETIM group    | Luminaires                               |
| ETIM class    | Downlight/spot/floodlight                |
| Name          | LED Floodlight Grey 2.0 50W 5500lm 6500K |
| Brand         | Bailey                                   |
| Productseries | LED Floodlight grey                      |
| Producttype   | FL 50W 6500K                             |

## ETIM specifications

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Max. system power [W]                     | 52                                      |
| Colour temperature [K]                    | 6500 - 6500                             |
| Nominal voltage [V]                       | 220 - 240                               |
| With movement sensor                      | No                                      |
| Lamp holder                               | None                                    |
| Suitable for surface mounting             | Yes                                     |
| Suitable for built-in mounting            | No                                      |
| Suitable for wall mounting                | Yes                                     |
| Suitable for suspended mounting           | No                                      |
| Suitable for ceiling mounting             | Yes                                     |
| Suitable for traverse mounting            | No                                      |
| Suitable for pedestal/floor mounting      | Yes                                     |
| Suitable for light-track mounting         | No                                      |
| Suitable for clamp-mounting               | No                                      |
| Suitable for low voltage cable system     | No                                      |
| Adjustability                             | Rotatable                               |
| With light sensor                         | No                                      |
| Lamp type                                 | LED not exchangeable                    |
| With light source                         | Yes                                     |
| Suitable for number of light sources      | 1                                       |
| Housing material                          | Aluminium                               |
| Surface protection                        | Powder coating                          |
| Housing colour                            | Grey                                    |
| Material cover                            | Glass transparent                       |
| Surface brushed                           | No                                      |
| Voltage type                              | AC                                      |
| Type of control gear                      | LED operating device current-controlled |
| With control gear                         | Yes                                     |
| Exchangeable control gear                 | No                                      |
| Dimming 0-10 V                            | No                                      |
| Dimming 1-10 V                            | No                                      |
| Dimming DALI-2                            | No                                      |
| Dimming DALI                              | No                                      |
| Dimming DMX                               | No                                      |
| Dimming DSI                               | No                                      |
| Dimming potentiometer (integrated)        | No                                      |
| Dimming LineSwitch                        | No                                      |
| Dimming manufacturer's proprietary system | No                                      |
| Dimming mains voltage modulation          | No                                      |
| Dimming phase cut-off (trailing edge)     | No                                      |
| Dimming phase cut-on (leading edge)       | No                                      |
| Dimming programmable                      | No                                      |

|                                                                                |                                  |
|--------------------------------------------------------------------------------|----------------------------------|
| Dimming RF                                                                     | No                               |
| Dimming Touch and Dim                                                          | No                               |
| Dimming Zigbee                                                                 | No                               |
| Dimming with push-button                                                       | No                               |
| Reflector                                                                      | Matt                             |
| Light distributor                                                              | Reflector                        |
| Light distribution                                                             | Symmetric                        |
| Beam angle                                                                     | > 80° - Extreme wide beam        |
| Light outlet                                                                   | Direct                           |
| Colour rendering index CRI                                                     | 70-79                            |
| Rated lifetime L70/B50 at 25 °C [h]                                            | 45000                            |
| Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq) [%]  | 92                               |
| Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) [%]  | 88                               |
| Lumen maintenance at median useful life of 100,000 h at 25 °C ambient (tq) [%] | 70                               |
| Degree of protection (NEMA)                                                    | 4                                |
| Impact strength                                                                | IK08                             |
| Protection class according to IEC 61140                                        | I                                |
| Rated ambient temperature according to IEC 62722-2-1 [°C]                      | -35 - 45                         |
| Suitable for lamp power [W]                                                    | 50 - 50                          |
| Colour of light                                                                | White                            |
| Emergency power supply system                                                  | None                             |
| Flickering value Pst LM                                                        | 0.2                              |
| Constant light output (CLO)                                                    | Yes                              |
| Colour of light adjustable                                                     | No                               |
| Luminous flux adjustable                                                       | No                               |
| Beam angle adjustable                                                          | No                               |
| Stroboscope effect value SVM                                                   | 4                                |
| Width [mm]                                                                     | 160                              |
| Height/depth [mm]                                                              | 34                               |
| Length [mm]                                                                    | 206                              |
| Type of wiring                                                                 | Suitable for loop-through wiring |
| Conductor cross section [mm²]                                                  | 1                                |
| Connectable conductor cross section [mm²]                                      | 1 - 4                            |
| Connection type                                                                | Free conductor end               |
| Max. number of luminaires per miniature circuit breaker B16 (MCB)              | 26                               |
| Power factor                                                                   | 0.9                              |
| Max. number of luminaires per miniature circuit breaker C16 (MCB)              | 44                               |
| Filament test according to IEC 60695-2-11                                      | None                             |
| Photobiological safety according to EN 62471                                   | RG1                              |
| Dimmable                                                                       | No                               |
| Unified Glare Ratio (UGR)                                                      | 35                               |

|                                                                                  |             |
|----------------------------------------------------------------------------------|-------------|
| Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24  | No          |
| Covering of the luminaire with thermally insulating material possible            | No          |
| Number of poles                                                                  | 3           |
| Suitable for workplace according to EN 12464-1                                   | No          |
| Nominal current [mA]                                                             | 300 - 300   |
| Energy efficiency class of the light source according to EU regulation 2019/2015 | E           |
| Compatible with Apple HomeKit                                                    | No          |
| Colour consistency (McAdam ellipse)                                              | SDCM6       |
| Dimming Sine Wave Reduction                                                      | No          |
| Compatible with Google Assistant                                                 | No          |
| Compatible with Amazon Alexa                                                     | No          |
| With presence detector                                                           | No          |
| IFTTT support available                                                          | No          |
| Containing product according to 2019/2020/EU                                     | No          |
| Degree of protection (IP), rear side                                             | Other       |
| Degree of protection (IP), front side                                            | IP65        |
| Operation by Bluetooth                                                           | No          |
| Total harmonic distortion (THD) [%]                                              | 20          |
| Rated luminous flux according to IEC 62722-2-1 [lm]                              | 5500 - 5500 |
| Luminaire efficacy [lm/W]                                                        | 110 - 110   |
| Luminous intensity [cd]                                                          | 1911 - 1911 |
| Compatible with Casambi                                                          | No          |
| UK Building Regs Part B fire rated - 30 minutes                                  | No          |
| UK Building Regs Part B fire rated - 60 minutes                                  | No          |
| UK Building Regs Part B fire rated - 90 minutes                                  | No          |

## Alternative articles



141541

LED Floodlight Slim 50W 4700lm 6500K



90500034680

LED Floodlight GJ HQ Black 50W 5000lm 6500K 100V-240V

## Complementary articles



**140440**  
Surge Protection Device (SPD)  
10KV 110-277V IP65



**145141**  
Mini Connector TH387 Plug-  
Socket 3P IP68

## Predecessor



**90500031645**  
LED Floodlight Grey 50W  
5130lm 6500K 100V-240V