

## LOW ANGLE Ø80MM AND Ø130MM



### Description:

Light with small angle incidence to highlight relief on flat shiny surfaces.

### How to use it:

Lighting should be placed close to the pieces to control. Product will be chosen according to surfaces to bright.

### Product advantages:

Darkfield lighting, strong and light with excellent quality/price ratio.

### Common applications:

Control of materials state. Control of engraving or any application requiring a darkfield lighting. (highlight of bones, holes, cracks)

### Optional accessories:

|   |                       |
|---|-----------------------|
| Cable to link with connector M12-4P-5M lenght | <b>LB-C-M12-4P-5M</b> |
| Power supply for ledbuild 220V- 24 v          | <b>LB-DRIVE</b>       |
| Cable tie for power supply                    | <b>LB-C-DRIVE</b>     |

### Orders references

|                                       |                         |
|---------------------------------------|-------------------------|
| Low angle lighting (darkfield effect) | <b>LBI-K-LOW80-xxx</b>  |
| Low angle lighting (darkfield effect) | <b>LBI-K-LOW130-xxx</b> |

### Others references in relation with the range

|                      |                         |
|----------------------|-------------------------|
| Lighting Dome Ø80mm  | <b>LBI-K-DOM80-xxx</b>  |
| Lighting Dome Ø130mm | <b>LBI-K-DOM130-xxx</b> |

|                                  | Ø80mm   | Ø130mm     |
|----------------------------------|---|------------|
| <b>Electrical specifications</b> |   |            |
| Power supply                     | 24 VDC  | 24 VDC     |
| Power consumption                | 5,3 W   | 6.6 W      |
| Maximum rising time              | Continuous  | Continuous |
| Maximum power in the LED         | 225mA   | 275mA      |
| <b>Mechanical specifications</b> |   |            |
| External cluttering              | Ø150 mm   | Ø200 mm    |
| Inner diameter                   | Ø75 mm  | Ø125 mm    |
| Weight                           | 140 g   | 200 g      |
| Material (body)                  | ABS and aluminium   |            |
| Colours available                | WHI (white) - 630 nm (red) - 525 nm (green) - 470 nm (blue) - 880 nm (IR) |            |
| Mounting options                 | 3 inserts for M4 screws M4 + centring and locating                        |            |
| Included accessories             | /   |            |
| <b>Environment</b>               |   |            |
| Operating temperature            | 0 - 40° C   |            |
| Storage temperature              | 0 - 60° C   |            |
| IP class                         | IP 30   |            |
| Labels                           | RoHs - CE - DEEE  |            |