



OCTA LIGHT BULGARIA JSC

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## DCR II Series

Industrial High/Low Bay Linear LED Luminaires

### FEATURES

|                         |                               |
|-------------------------|-------------------------------|
| Operating voltage       | 198 - 264 V AC 50/60 Hz       |
| IP rating               | IP65                          |
| IK rating               | IK08                          |
| LED package used        | OCTALED                       |
| Dimmable                | Yes DALI or 0-10V (Optional)  |
| LED lifetime            | 70 000 h L90B10               |
| Color rendering index   | Ra>80                         |
| SDCM (MacAdam)          | <3                            |
| Flicker                 | <5%                           |
| Power factor            | >0.95                         |
| Emergency version       | Yes 3 hours or CBS (optional) |
| Options and accessories | 3HR,CBS,MWS,ZWC               |

### ADDITIONAL INFORMATION

|                       |                                   |
|-----------------------|-----------------------------------|
| Type of installation  | Surface ceiling                   |
| Housing material      | Aluminum                          |
| Optical system        | Lens with standard beam angle 60° |
| Housing color         | Grey                              |
| Operating temperature | -30°C to +50°C                    |
| Relative humidity     | <95%                              |
| Electric class        | I                                 |

### PRODUCT SELECTION

| Product order code (OC) | Power | Lumen output |        |        | Efficiency<br>*for 840 | Input<br>current | Dimensions<br>AxBxC, mm |
|-------------------------|-------|--------------|--------|--------|------------------------|------------------|-------------------------|
|                         |       | lm CW        | lm NW  | lm WW  |                        |                  |                         |
| DC2ADV050Y8 CC          | 50W   | 6 000        | 6 000  | 5 400  | 120 lm/W               | 229 mA           | 843x85x68               |
| DC2ADV100Y8 CC          | 100W  | 12 000       | 12 000 | 10 800 | 120 lm/W               | 458 mA           | 843x85x68               |
| DC2ADV120Y8 CC          | 120W  | 14 400       | 14 400 | 12 960 | 120 lm/W               | 550 mA           | 843x85x68               |
| DC2ADV150Y8 CC          | 150W  | 18 000       | 18 000 | 16 200 | 120 lm/W               | 687 mA           | 843x85x68               |
| DC2ADV200Y8 CC          | 200W  | 24 000       | 24 000 | 21 600 | 120 lm/W               | 916 mA           | 843x85x68               |

### COLOR TEMPERATURE SELECTION

| Correlated color temperatures<br>CC |    |                  |
|-------------------------------------|----|------------------|
| 2700 K                              | 27 | Warm White WW    |
| 3000 K                              | 30 | Warm White WW    |
| 4000 K                              | 40 | Neutral White NW |
| 4500 K                              | 45 | Neutral White NW |
| 5000 K                              | 50 | Cool White CW    |
| 5700 K                              | 57 | Cool White CW    |
| 6500 K                              | 65 | Cool White CW    |

### Optics:

| Code Y | Beam angle      |
|--------|-----------------|
| 060    | Beam angle 60°  |
| 090    | Beam angle 90°  |
| 120    | Beam angle 120° |

### Options and accessories

| Suffix to OC | Description                         |
|--------------|-------------------------------------|
| 3HR          | 3 hours battery pack                |
| CBS          | Addr.mod.for central battery system |
| MWS          | Microwave sensor                    |
| ZWC          | Zigbee wireless control             |

### LED DRIVERS

|                       |                                     |
|-----------------------|-------------------------------------|
| Standard LED Driver   | Premium constant current LED driver |
| DALI driver           | DAL suffix to order code            |
| 1-10V dim. LED Driver | DIM suffix to order code            |

### WIRING INFORMATION

|                         |                                  |
|-------------------------|----------------------------------|
| Cable/Flying Lead       | None                             |
| Type of wiring required | Parallel to mains supply voltage |

Octa Light Bulgaria is a completely vertically integrated manufacturer of LED packages, LED modules, LED lamps and LED luminaires. The company was established in 2010 as the first Light Emitting Diodes (LED) manufacturer with production based entirely in the EU. Company's LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs, and innovative AC LED modules, as well as special application LEDs. We are constantly expanding our LEDs range to bring highest performance and quality of light sources. Our business scope includes OEM and ODM supply of LED packages, LED engines, luminaires and lamps.

Octa Light Bulgaria offers also complete lighting solutions accomplishing variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing /CEM/ for key industries.

