

# cadira

Highbay

Lightweight  
and powerful



**REGIOLUX**



# cadira

High-bay and wide area luminaires



## Refurbishment



[www.regiolux.de/en/refurbishment-industry](http://www.regiolux.de/en/refurbishment-industry)



**Industry & logistics**

## Highlights

- ✓ Variable and simple implementation of lighting refurbishment projects
- ✓ 1:1 renovation replacement for QE/MT/ME luminaires
- ✓ New high-bay with new quality features
- ✓ German engineering: High Ta and long service life
- ✓ Economically strong alternative
- ✓ New design – lightweight assembly

## Maximum savings with light management

The NETLIFE light control with the concept of three solution approaches can be used for DALI equipment of luminaires. Our service is available to answer questions regarding the design, project planning and commissioning of light control systems.

Coming soon: cadira plus with integrated sensor technology.

## Optimum replacement

|           | Conventional lamps |      |      |
|-----------|--------------------|------|------|
| LED       | QE                 | MT   | ME   |
| LED 14000 | 400W               | 250W | 250W |
| LED 24000 |                    | 400W | 400W |

## LED lighting technology



| cadira-CDH 60                                                                                     | cadira-CDH 90                                                                                      | cadira-CDH 120                                                                                       |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| narrow beam                                                                                       | narrow/wide distribution                                                                           | wide distribution                                                                                    |
|  60°<br>UGR ≤ 24 |  90°<br>UGR ≤ 25 |  120°<br>UGR ≤ 30 |

### Mounting options

The ceiling-mounted bracket accessory is adjustable from 30°, 60°, 90°. The installed eyebolt ensures a reliable one-point suspension.

### Refractor version

Limits glare and provides protection at the same time



| CDH 300                  | Configuration | Ta [C]   | Control gear       | DxH       | Order number  | lm/W | P <sub>sys</sub> [W] | kg  |
|--------------------------|---------------|----------|--------------------|-----------|---------------|------|----------------------|-----|
| cadira-CDH/300-060 IP 65 | LED 11000 840 | -30°–50° | ED                 | 280 x 185 | 3736 2014 164 | 138  | 80                   | 3,0 |
|                          |               | -30°–50° | DALI <sup>1)</sup> | 280 x 185 | 3736 2016 164 | 138  | 80                   | 3,0 |
| cadira-CDH/300-090 IP 65 | LED 11400 840 | -30°–50° | ED                 | 280 x 185 | 3736 2014 194 | 142  | 80                   | 3,0 |
|                          |               | -30°–50° | DALI <sup>1)</sup> | 280 x 185 | 3736 2016 194 | 142  | 80                   | 3,0 |
| cadira-CDH/300-120 IP 65 | LED 12000 840 | -30°–50° | ED                 | 280 x 185 | 3736 2014 124 | 149  | 80                   | 3,0 |
|                          |               | -30°–50° | DALI <sup>1)</sup> | 280 x 185 | 3736 2016 124 | 149  | 80                   | 3,0 |

| CDH 400                  | Configuration | Ta [C]   | Control gear       | DxH       | Order number  | lm/W | P <sub>sys</sub> [W] | kg  |
|--------------------------|---------------|----------|--------------------|-----------|---------------|------|----------------------|-----|
| cadira-CDH/400-060 IP 65 | LED 23000 840 | -30°–50° | ED                 | 370 x 210 | 3737 2024 164 | 154  | 149                  | 5,4 |
|                          |               | -30°–50° | DALI <sup>1)</sup> | 370 x 210 | 3737 2026 164 | 154  | 149                  | 5,4 |
| cadira-CDH/400-090 IP 65 | LED 23800 840 | -30°–50° | ED                 | 370 x 210 | 3737 2024 194 | 159  | 149                  | 5,4 |
|                          |               | -30°–50° | DALI <sup>1)</sup> | 370 x 210 | 3737 2026 194 | 159  | 149                  | 5,4 |
| cadira-CDH/400-120 IP 65 | LED 23200 840 | -30°–50° | ED                 | 370 x 210 | 3737 2024 124 | 155  | 149                  | 5,4 |
|                          |               | -30°–50° | DALI <sup>1)</sup> | 370 x 210 | 3737 2026 124 | 155  | 149                  | 5,4 |

| cadira accessories | Type       | Colour | Material | Details                                           | Order number  | kg  |
|--------------------|------------|--------|----------|---------------------------------------------------|---------------|-----|
| Chain suspension   | KK         | me     | St       | Chain l=30m for pendant luminaires                | 9282 9300 100 | 4,1 |
| Refractor          | CDH-R 400  | tz     | PC       | Refractor for cadira                              | 3737 9000 100 | 0,6 |
| Mounting bracket   | CGH-AB 300 | sw     | St       | Attachment bracket, adjustable from 30°, 60°, 90° | 3736 2000 100 | 0,7 |
|                    | CGH-AB 400 | sw     | St       | Attachment bracket, adjustable from 30°, 60°, 90° | 3737 2000 100 | 0,7 |

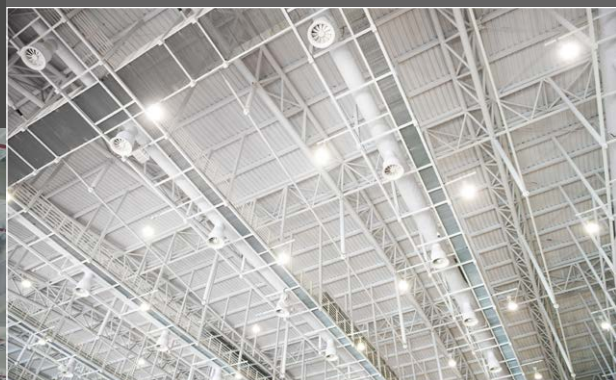
<sup>1)</sup>Luminaires suitable for IoT (Internet of Things): 

# Areas of application

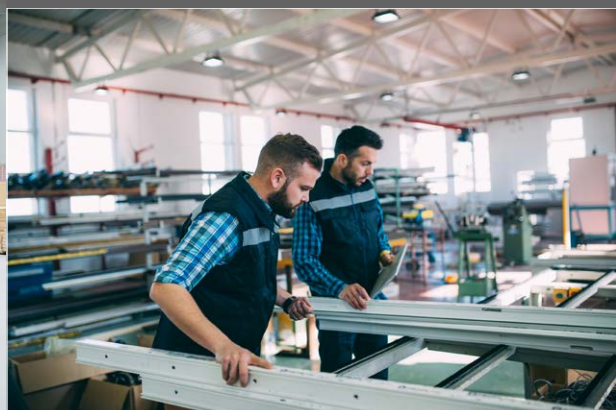
## Logistics



## Industry



## Workshops



## Services



### Image index

- |   |                                                                                              |
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