

## Ordering details

| Type           | Content                  | Lamp /<br>illuminant                               | rated<br>luminous<br>flux of the<br>luminaire <sup>1)</sup> | Weight | Metal thread | Screw plug | Order No.              |
|----------------|--------------------------|----------------------------------------------------|-------------------------------------------------------------|--------|--------------|------------|------------------------|
| <b>LPL LED</b> |                          |                                                    |                                                             |        |              |            |                        |
| LPL06-C57-5L   | with mounting<br>bracket | High power LED-module<br>53 W (scope of delivery)  | 5127 lm                                                     | 17 kg  | 2 x M25      | 2 x M25    | <b>CCL 121 4001 AE</b> |
| LPL06-C57-7L   | with mounting<br>bracket | High power LED-module<br>70 W (scope of delivery)  | 6998 lm                                                     | 17 kg  | 2 x M25      | 2 x M25    | <b>CCL 121 4003 AE</b> |
| LPL06-C57-9L   | with mounting<br>bracket | High power LED-module<br>87 W (scope of delivery)  | 8645 lm                                                     | 17 kg  | 2 x M25      | 2 x M25    | <b>CCL 121 4004 AE</b> |
| LPL06-C57-10L  | with mounting<br>bracket | High power LED-module<br>105 W (scope of delivery) | 10272 lm                                                    | 17 kg  | 2 x M25      | 2 x M25    | <b>CCL 121 4005 AE</b> |

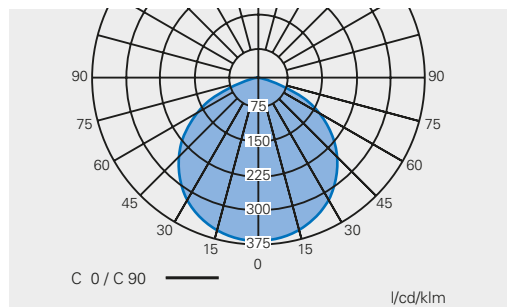
4

## Accessories

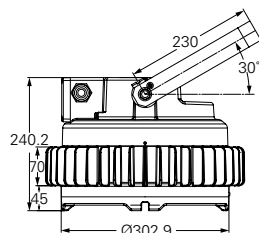
| Type | Content                                                                | OU | Order No.           |
|------|------------------------------------------------------------------------|----|---------------------|
| PMB  | Pole mounting bracket with fixing screws for use with mounting bracket | 1  | <b>CCL 107 6003</b> |

Scope of delivery without fixing accessories, if not stated otherwise.  
Metal cable glands see catalogue part 2: 2.3.12 f

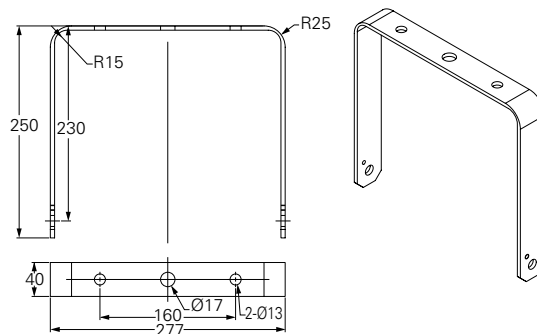
Polar curve LPL LED-C60-150W, 6000 K



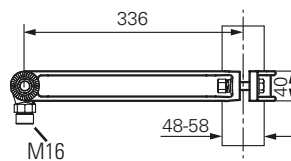
LPL LED C60-150W, 6000 K



Mounting bracket



Pole mounting bracket





## Technical data

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| LPL LED                                          |                                                                                                      |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------|
| EC-Type Examination Certificate                  | ITS 14 ATEX 18105X                                                                                   |
| Marking accd. to 94/9/EC                         | <div> <div>II 2 G Ex d e IIC T5/T6 Gb</div> <div>II 2 D Ex tb IIIC T80°C/T95 °C Db IP66</div> </div> |
| Permissible ambient temperature                  | -36 °C up to +55 °C / -36 °C up to +50 °C (LPL06-C57-10L)                                            |
| Rated voltage                                    | 100 V - 277 V AC                                                                                     |
| Frequency                                        | 50 - 60 Hz                                                                                           |
| Fixture lifetime                                 | 50.000 h at $t_a = + 55\text{ °C}$                                                                   |
| Power consumption                                | max. 105 W (see table luminaire data)                                                                |
| Power factor cos $\phi$                          | $\geq 0.9$                                                                                           |
| Circuit                                          | Electronic driver                                                                                    |
| Protection class                                 | I                                                                                                    |
| Lamp name                                        | High power LED-module <sup>1)</sup>                                                                  |
| Light colour                                     | 5700 K cool white (CRI 70) / 3000 K (CRI 80) on request                                              |
| Dimensions (L x W x H)                           | Ø 350 x 240 mm                                                                                       |
| Connecting terminals                             | 3 x 0.5 mm <sup>2</sup> up to 4.0 mm <sup>2</sup> , max 6.0 mm <sup>2</sup> single wire              |
| Enclosure colour                                 | Grey                                                                                                 |
| Enclosure material                               | Copper free aluminium                                                                                |
| Weight                                           | 17 kg                                                                                                |
| Cable glands / gland plates / enclosure drilling | 2 x M25 x 1.5 thread,<br>1 x with Ex-e screw plug <sup>2)</sup>                                      |
| Type of mounting                                 | Ceiling-/wall mounting                                                                               |
| Degree of protection accd. to EN 60529           | IP66                                                                                                 |
| Protective cover / protective bowl               | Toughened glass                                                                                      |

<sup>1)</sup> Scope of delivery

<sup>2)</sup> M20 on request

## Additional luminaire data

| Type             | Rated luminous flux<br>of the luminaire | Rated power | Permissible ambient<br>temperature | Temperature Class<br>T <sub>a</sub> Gas | Temperature Class<br>T °C Dust |
|------------------|-----------------------------------------|-------------|------------------------------------|-----------------------------------------|--------------------------------|
| <b>LPL06 LED</b> |                                         |             |                                    |                                         |                                |
| LPL06-C57-5L     | 5127 lm                                 | 53 W        | -36 °C up to + 55 °C               | T6                                      | T 80 °C                        |
| LPL06-C57-7L     | 6998 lm                                 | 70 W        | -36 °C up to + 55 °C               | T6                                      | T 80 °C                        |
| LPL06-C57-9L     | 8645 lm                                 | 87 W        | -36 °C up to + 55 °C               | T6                                      | T 80 °C                        |
| LPL06-C57-10L    | 10272 lm                                | 105 W       | -36 °C up to + 50 °C               | T5                                      | T 95 °C                        |