



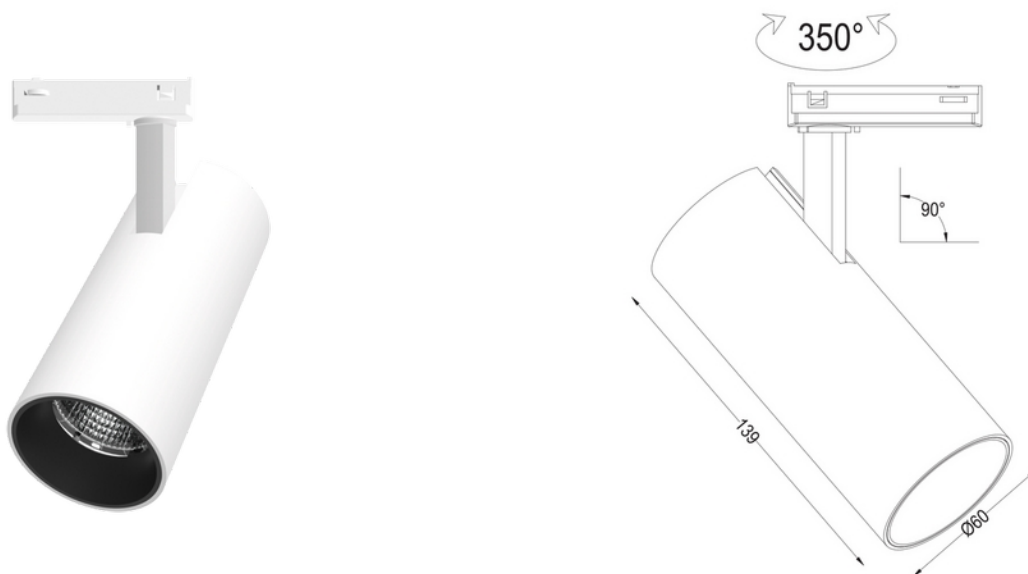
## PRODUCT DATA SHEET

Cylinder 60 G2 1400lm 930 36° (15°&24°) 15W WH 1-cir phasec

Art.no: 102251-36-3-p

# NORLUX®

Lighting Solutions



## Cylinder 60 G2 1400lm 930 36° (15°&24°) 15W WH 1-cir phasec



Cylinder 60 G2 is an elegant and modern spotlight, designed to deliver high light output and exceptional color rendering in various environments. With a diameter of 60mm and length of 130mm, this spotlight is both discreet and efficient. Available with beam angles of 15°, 24°, or 36° and color temperatures of 2700K, 3000K, or Dim 2 Warm (3000-1800K). CRI90 ensures excellent color rendering. Equipped with phase-cut dimming. Made of powder-coated aluminum, Cylinder 60 G2 is ideal for use in bedrooms, cafes, cabins, hotels, kitchens, and homes. The built-in driver in the sleek fixture housing provides a clean and modern appearance, while the spotlight can be tilted up to 90° and rotated 350° around its own axis for optimal adjustability. This makes Cylinder 60 perfect for both private and commercial environments.

| ELECTRICAL DATA                      |                    |
|--------------------------------------|--------------------|
| Protection Class (system)            | 2                  |
| Dimming (system)                     | Phase-Cut          |
| Voltage (system) [V]                 | 230V 50Hz          |
| Power (system) (W)                   | 15                 |
| Lightsource Max. Power (W) if Socket | na                 |
| Emergency light (h)                  | No Emergency light |

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| TECHNICAL DATA             |             |
|----------------------------|-------------|
| IK (system)                | IK02        |
| IP (system)                | IP20        |
| IP Front/Back (system)     | IP20/20     |
| Product Family             | Cylinder 60 |
| Outdoor                    | No          |
| Operating temperature (°C) | -20 - 45    |

| PHOTOMETRIC DATA                    |                |
|-------------------------------------|----------------|
| Lumen Out (system) (lm)             | 1420           |
| Efficacy (system) (lm/W)            | 100            |
| CRI / Ra (>=)                       | 90             |
| CCT (Color Temperature) (K)         | 3000           |
| Color Code                          | 930            |
| Lightsources Type                   | LED (built in) |
| Socket / Cap-Base                   | N/A            |
| Lens (Diffuser)                     | Clear          |
| Lifetime (h)                        | L80: 100 000   |
| MacAdam (SDCM)                      | 3              |
| UGR (<=)                            | 19             |
| Manufacturer (light source)         | Bridgelux      |
| Forward Current LED (min-max) (mA)  | 100 - 540      |
| Forward Voltage LED (max tp=25) (V) | 36.2           |
| Driftspenning LED (min tp=65) (V)   | 32.0           |

| DRIVER                             |                         |
|------------------------------------|-------------------------|
| Manufacturer (driver)              | KGP                     |
| Protection Class (driver)          | 2                       |
| Standby power Psb (W) <            | 0.5                     |
| Flicker metric (Pst LM) <          | 1.0                     |
| Stroboscopic effect metric (SVM) < | 0.4                     |
| Max Output Voltage (V)             | 39                      |
| Dimming (driver)                   | Phase-Cut               |
| Dimming Minimum Level (%)          | 10.0                    |
| Dimming Phasecut Type              | Leading / Trailing edge |

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| DRIVER                                 |                      |
|----------------------------------------|----------------------|
| Dimming output type                    | Amplitude Modulation |
| IP (driver)                            | IP20                 |
| Expected Lifetime (driver) (h)         | 50000                |
| Flicker-free                           | Yes                  |
| Constant current or voltage (CC or CV) | CC                   |
| CC (driver) [mA]                       | 332 - 367            |
| CC (forward voltage driver) (V)        | 27.0 - 39.0          |
| CV (driver) [V]                        | 36                   |
| Output Current Tolerance (%)           | 5.0                  |
| Current Ripple (%)                     | 5.0                  |
| Max load pr circuit - B10              | 50                   |
| Max load pr circuit - B16              | 80                   |
| Max load pr circuit - C10              | 80                   |
| Max load pr circuit - C16              | 128                  |
| Max load pr circuit - C20              | 160                  |
| Max load pr circuit - C25              | 200                  |
| Max load pr circuit - C32              | 256                  |
| Leakage current (mA)                   | 0.25                 |
| Inrush current time (µs)               | 400.0                |
| Inrush current I <sub>max</sub> (A)    | 12.0                 |

| DIMENSIONS              |       |
|-------------------------|-------|
| Length (product) (mm)   | 130.0 |
| Height (product) (mm)   | 130.0 |
| Weight (product) (kg)   | 0.5   |
| Diameter (product) (mm) | 60.0  |

| MATERIALS AND SURFACES |              |
|------------------------|--------------|
| Color                  | White        |
| RAL Code               | RAL9010      |
| Corrosion Class        | C1           |
| Surface treatment      | Powdercoated |
| Housing Material       | Aluminium    |
| Diffuser Material      | Aluminium    |



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### INSTALLATION AND CONNECTION

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| Areas of use        | Bedroom, Cafe, Cottage, Hotel, Kitchen, Office, Residence, Restaurant, Shop, Showroom |
| Mounting            | Track, Ceiling                                                                        |
| Connection (system) | Track 1-Circuit                                                                       |

### ENERGY AND CERTIFICATIONS

|                    |     |
|--------------------|-----|
| Energy Class EPREL | E   |
| CE mark            | Yes |

### LIGHT DISTRIBUTION

