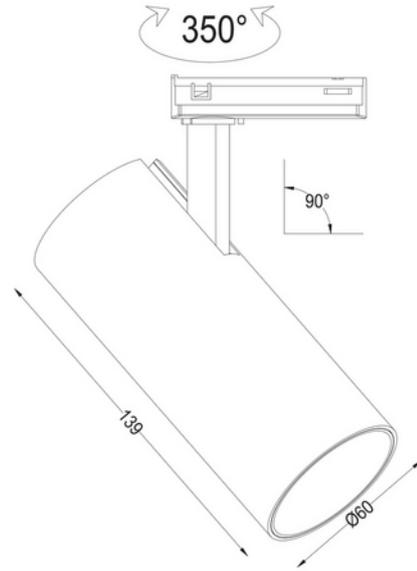


**PRODUCT DATA SHEET**

Cylinder 60 G2 800lm D2W 36° (15°&24°) 15W BK 1-cir phasec

Art.no: 102251-D2W-36-2-p

*Lighting Solutions*

Cylinder 60 G2 800lm D2W 36° (15°&24°) 15W BK 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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Lighting Solutions

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)	800
Efficacy (system) (lm/W)	57
CRI / Ra (>=)	95
CCT (Color Temperature) (K)	1800-3000K TW
Preset CCT if switch(Color Temperature) (K)	1800-3000K TW
Color Code	930-918
Lightsource 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)	350 - 420
Forward Voltage LED (max tp=25) (V)	37.0
Driftspenning LED (min tp=65) (V)	30.6

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

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DRIVER	
Dimming Phasecut Type	Leading / Trailing edge
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 _{max} (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	Black
RAL Code	RAL9005
Corrosion Class	C1
Surface treatment	Powdercoated
Housing Material	Aluminium
Diffuser Material	Aluminium



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Lighting Solutions

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	G
CE mark	Yes

LIGHT DISTRIBUTION

