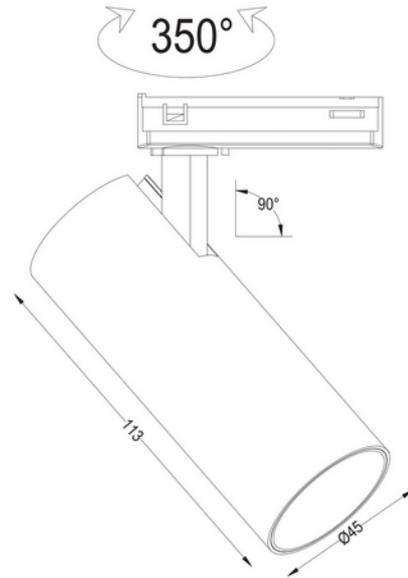**PRODUCT DATA SHEET**
Cylinder 45 750lm 930 36° 7W BK 1-circuit phasecut
Art.no: 102191-36-2-p

NORLUX®

Lighting Solutions

350°

90°

113

Ø45

Cylinder 45 750lm 930 36° 7W BK 1-circuit phasecut

CE | 230V 50Hz | IP20 | IK02 | E | A↑G

Cylinder 45 is an elegant and modern spotlight, specifically designed to deliver high light output and excellent color rendering in various environments. With its modest diameter of 45mm and length of 110mm, this spotlight is both discreet and efficient. Featuring a built-in driver within the sleek aluminum housing, the spotlight can tilt up to 90° and rotate 350° around its axis, providing maximum adjustability. Delivered with a 36° beam angle, phase-cut dimming, and selectable color temperatures of 2700K, 3000K, or Dim 2 Warm (3000-1800K) to accommodate various lighting needs.

Cylinder 45 is ideal for use in bedrooms, cafes, cabins, hotels, kitchens, and homes. It can be easily mounted on a 1-circuit track, making it a versatile solution for both private and commercial environments.

ELECTRICAL DATA	
Protection Class (system)	2
Dimming (system)	Phase-Cut
Voltage (system) [V]	230V 50Hz
Emergency light (h)	No Emergency light

TECHNICAL DATA	
IK (system)	IK02

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TECHNICAL DATA

IP (system)	IP20
IP Front/Back (system)	IP20/20
Outdoor	No
Operating temperature (°C)	-20 - 45

PHOTOMETRIC DATA

Lumen Out (system) (lm)	740
Efficacy (system) (lm/W)	92
CRI / Ra (>=)	90
CCT (Color Temperature) (K)	3000
Color Code	930
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)	100 - 540
Forwrard 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
Dimming output type	Amplitude Modulation
IP (driver)	IP20
Expected Lifetime (driver) (h)	50000

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DRIVER	
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
Surge Protection	L-N = 2KV
CV (driver) [V]	36
Output Current Tolerance (%)	5.0
Current Ripple (%)	5.0
Max load pr circuit - B10	75
Max load pr circuit - B16	120
Max load pr circuit - C10	120
Max load pr circuit - C16	192
Max load pr circuit - C20	240
Max load pr circuit - C25	300
Max load pr circuit - C32	350
Leakage current (mA)	0.25
Inrush current time (µs)	400.0
Inrush current Imax (A)	8.0

DIMENSIONS	
Length (product) (mm)	110.0
Heigth (product) (mm)	110.0
Weight (product) (kg)	0.261111111111111
Diameter (product) (mm)	45.0

MATERIALS AND SURFACES	
Color	Black
RAL Code	RAL9005
Corrosion Class	C1
Surface treatment	Powdercoated
Housing Material	Aluminium
Diffuser Material	Aluminium

INSTALLATION AND CONNECTION	
Areas of use	Shop

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INSTALLATION AND CONNECTION

Mounting	Track
Connection (system)	Track 1-Circuit

ENERGY AND CERTIFICATIONS

Energy Class EPREL	E
CE mark	Yes

LIGHT DISTRIBUTION

— C0 / C180   ······ C90 / C270

cd / 1000 lm