

SylCircle DualTone

SYLCIRCLE IP44 2050LM MW 830/840 DUALTONE

0043507



PRODUCT OVERVIEW

Product name	SYLCIRCLE IP44 2050LM MW 830/840 DUALTONE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Warranty	3 years
Fixture luminous flux (lm)	2050
Luminaire efficacy (lm/W)	85
Light colour	Amber White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	High (>40%)
Housing colour	White
IP rating	IP44
IK rating	IK03
Product EAN number	5410288435077

DATA TABLE

General data

Product name	SYLCIRCLE IP44 2050LM MW 830/840 DUALTONE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	3 years

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Optical data

Fixture luminous flux (lm)	2050
Luminaire efficacy (lm/W)	85
Correlated colour temperature range (K)	3000 - 4000
Light colour	Amber White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	24
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.7
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	74
Inrush Current (A)	2
Inrush Duration (µs)	30
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	High (>40%)
Max. products per 10A C Breaker	15
Max. products per 20A B Breaker	30
Connectable conductor cross section - Min (mm ²)	1
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	White
IP rating	IP44
IK rating	IK03
Diffuser finish	Opal
Diffuser material	Polypropylene
Nominal Product Diameter (mm)	360
Weight (kg)	0.6

Packaging

Single packaging type	Carton
Product EAN number	5410288435077
Packaging single width (cm)	10.5
Packaging single depth (cm)	39.0
DUN14 (outer)	15410288435074
Packaging outer length / height (cm)	65.6

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Safety data

Optimal operating condition (°C) -20-40

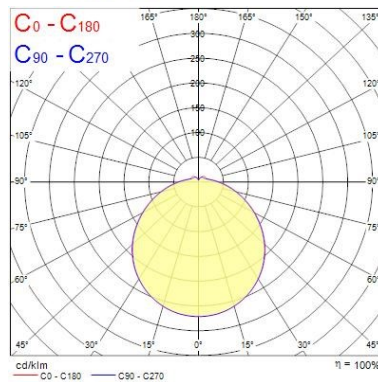
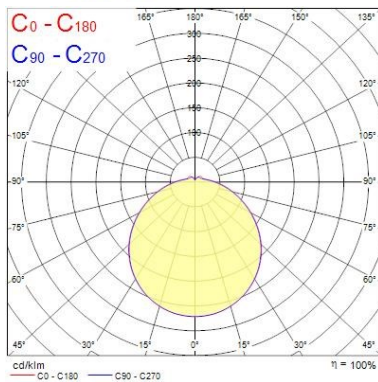
PHOTOMETRY

Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ (C90) [lx]	E ₂ (C270) [lx]
0.5	1.66 1.70	2088	143	137
1.0	3.33 3.40	522	36	34
1.5	4.99 5.09	232	16	15
2.0	6.66 6.79	131	9	9
2.5	8.32 8.49	84	6	6
3.0	9.99 10.19	58	4	4

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 119.0°)
 — C90 - C270 (Half beam angle: 118.0°)

Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ (C90) [lx]	E ₂ (C270) [lx]
0.5	1.66 1.70	2224	152	146
1.0	3.33 3.40	566	38	36
1.5	4.99 5.09	247	17	16
2.0	6.66 6.79	139	10	9
2.5	8.32 8.49	89	6	6
3.0	9.99 10.19	62	4	4

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 119.0°)
 — C90 - C270 (Half beam angle: 118.0°)



TECHNICAL DRAWINGS

