



Features

• Integrated LED spotlight, Textured Black - RAL9005, simple and slick integral design with no driver box and without any visible screws, ideal for retail applications, die-cast aluminium body, passive cooling heatsink. Beam angle: 36°, additional lenses 24° and 54° beam angle included, color temperature: 4000k , total system power: 32W, total fixture output: 3024 lm, LOR: 100%, colour rendering: Ra: 90 typical, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, non-dimmable, ultra low LED flickering rate (5% or less), power factor: >0.90, electrical protection: Class I, Global Track 3 Circuit GA69 adapter suitable for Global trac 3-circuit tracks, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 345°, vertical tilt: 90°, dimensions: Ø81x86x283, weight: 0.892kg.

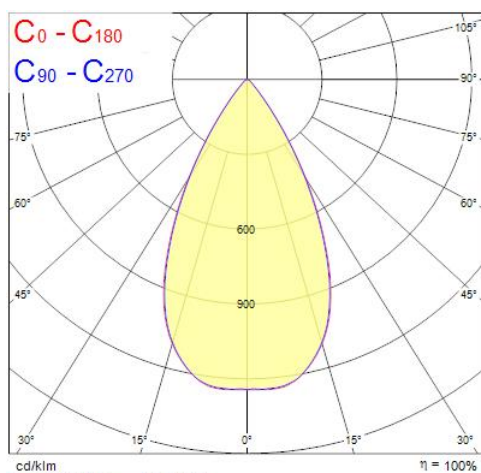
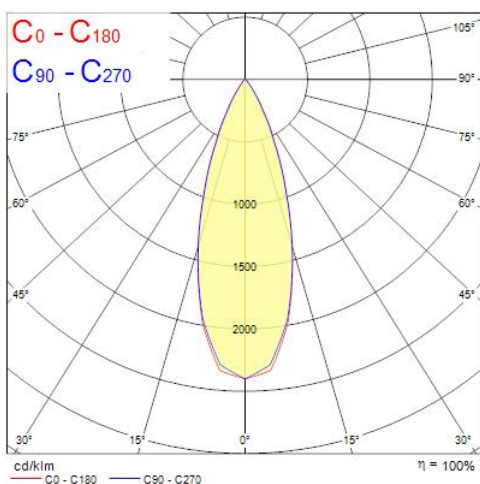
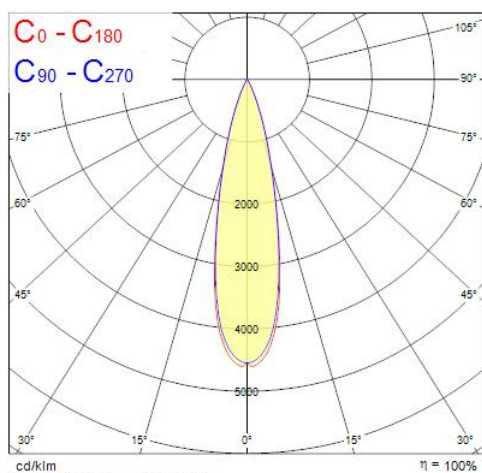
Product Overview

Product name	Pixo Medium 3000lm 940 NB MB WB BLK
Technology	LED
Environment	Indoor
General application	Museums & Galleries, Residential & Consumer, Retail
ETIM Class	EC001744
E-number FI	4278249
Fixture luminous flux (lm)	3024
Luminaire efficacy (lm/W)	95
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	5
Beam Angle (°)	36
Photobiological Risk Group	RG1

Pixo Medium 3000lm 940 NB MB WB BLK 0005449

Total power consumption (W)	32
Electrical protection	Class I
Dimmable	No
IP rating	IP20
IK rating	IK03
Product EAN number	5410288054490
Warranty	5 years
Dimming method	N/A

Photometry



0.5	0.32 0.32	E(0°) E(C90) E(C0)	27138 17.6° 11772 17.5° 11885
1.0	0.63 0.63	E(0°) E(C90) E(C0)	6785 17.6° 2943 17.5° 2967
1.5	0.95 0.95	E(0°) E(C90) E(C0)	3015 17.6° 1306 17.5° 1319
2.0	1.27 1.26	E(0°) E(C90) E(C0)	1696 17.6° 736 17.5° 742
2.5	1.59 1.58	E(0°) E(C90) E(C0)	1086 17.6° 471 17.5° 475
3.0	1.90 1.89	E(0°) E(C90) E(C0)	754 17.6° 327 17.5° 330

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 35.0°)
C90 - C270 (Half beam angle: 35.2°)

Illuminance [lx]

0.5	0.51 0.52	E(0°) E(C90) E(C0)	15132 27.2° 5330 27.4° 5337
1.0	1.03 1.04	E(0°) E(C90) E(C0)	3783 27.2° 1333 27.4° 1334
1.5	1.54 1.56	E(0°) E(C90) E(C0)	1681 27.2° 592 27.4° 593
2.0	2.06 2.07	E(0°) E(C90) E(C0)	946 27.2° 333 27.4° 334
2.5	2.57 2.59	E(0°) E(C90) E(C0)	605 27.2° 213 27.4° 213
3.0	3.08 3.11	E(0°) E(C90) E(C0)	420 27.2° 148 27.4° 148

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 54.8°)
C90 - C270 (Half beam angle: 54.4°)

Illuminance [lx]

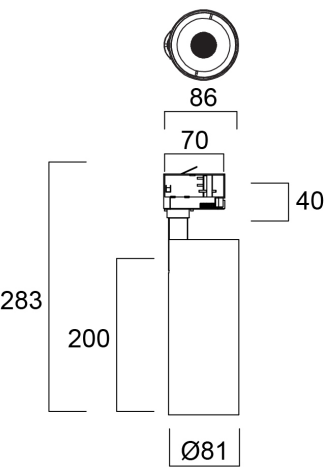
0.5	0.21 0.22	E(0°) E(C90) E(C0)	49915 12.1° 23555 12.2° 23515
1.0	0.43 0.43	E(0°) E(C90) E(C0)	12479 12.1° 5889 12.2° 5904
1.5	0.64 0.65	E(0°) E(C90) E(C0)	5645 12.1° 2611 12.2° 2624
2.0	0.86 0.86	E(0°) E(C90) E(C0)	3120 12.1° 1472 12.2° 1475
2.5	1.07 1.08	E(0°) E(C90) E(C0)	1997 12.1° 942 12.2° 945
3.0	1.29 1.30	E(0°) E(C90) E(C0)	1367 12.1° 654 12.2° 655

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 24.4°)
C90 - C270 (Half beam angle: 24.2°)

Illuminance [lx]

Pixo Medium 3000lm 940 NB MB WB BLK
0005449

Technical drawings



Data table

GENERAL DATA

Product name	Pixo Medium 3000lm 940 NB MB WB BLK
Technology	LED
Environment	Indoor
General application	Museums & Galleries, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278249
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3024
Luminaire efficacy (lm/W)	95
Colour temperature (K)	4000

Pixo Medium 3000lm 940 NB MB WB BLK 0005449

Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	5
Beam Angle (°)	36
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	32
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	10
Electrical protection	Class I
Control gear required	No
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	800
Inrush Current (A)	26
Inrush Duration (µs)	68
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	55
Max. Luminaires per 13A C Breaker	70
Max. Luminaires per 16A C Breaker	90
Max. Luminaires per 20A C Breaker	110
Max. Luminaires per 10A B Breaker	55
Max. Luminaires per 13A B Breaker	70
Max. Luminaires per 16A B Breaker	90
Max. Luminaires per 20A B Breaker	110

LIFETIME DATA

Lifespan L70 B50	72000
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Pixo Medium 3000lm 940 NB MB WB BLK 0005449

Lifespan L90 B10	15000
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PHYSICAL DATA

IP rating	IP20
IK rating	IK03
Nominal Product Length (mm)	283
Nominal Product Width (mm)	86
Nominal Product Height (mm)	283
Weight (kg)	0.892

PACKAGING

Single packaging type	Carton
Product EAN number	5410288054490
Packaging single length / height (cm)	12.0
Packaging single width (cm)	12.0
Packaging single depth (cm)	29.5
DUN14 (outer)	15410288054497
Units per outer package	8
Packaging outer length / height (cm)	50.0
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	31.0

SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No