

Pixo Large

Pixo Large 5200lm 940 NB MB WB BLK
0005451



Product 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: 54W, total fixture output: 5250 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: Ø91x96x300, weight: 1,246kg.



PRODUCT OVERVIEW

Product name	Pixo Large 5200lm 940 NB MB WB BLK
Technology	LED
Environment	Indoor
General application	Museums & Galleries, Residential & Consumer, Retail
ETIM Class	EC001744
E-number FI	4278251
Warranty	5 years
Fixture luminous flux (lm)	5250
Luminaire efficacy (lm/W)	97
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	36
Photobiological Risk Group	RG1
Total power consumption (W)	54
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
IP rating	IP20
IK rating	IK03
Product EAN number	5410288054513

DATA TABLE

General data

Product name	Pixo Large 5200lm 940 NB MB WB BLK
Technology	LED
Environment	Indoor
General application	Museums & Galleries, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278251
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5250
Luminaire efficacy (lm/W)	97
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	36
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	54
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class I
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	1350
Inrush Current (A)	28
Inrush Duration (µs)	68
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	32
Max. Luminaires per 13A C Breaker	42
Max. Luminaires per 16A C Breaker	53
Max. Luminaires per 20A C Breaker	65
Max. Luminaires per 10A B Breaker	32
Max. Luminaires per 13A B Breaker	42
Max. Luminaires per 16A B Breaker	53
Max. Luminaires per 20A B Breaker	65

Lifetime data

Lifespan L70 B50	72000
Lifespan L90 B10	15000

Physical data

IP rating	IP20
IK rating	IK03
Nominal Product Length (mm)	300
Nominal Product Width (mm)	96

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Nominal Product Height (mm)	303
Weight (kg)	1.246

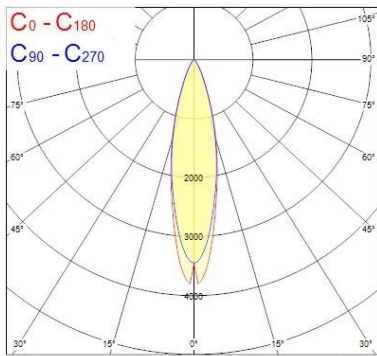
Packaging

Single packaging type	Carton
Product EAN number	5410288054513
Packaging single length / height (cm)	12.0
Packaging single width (cm)	12.0
Packaging single depth (cm)	32.5
DUN14 (outer)	15410288054510
Units per outer package	6
Packaging outer length / height (cm)	37.5
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	34.0

Safety data

Optimal operating condition (°C)	-20-40
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PHOTOMETRY

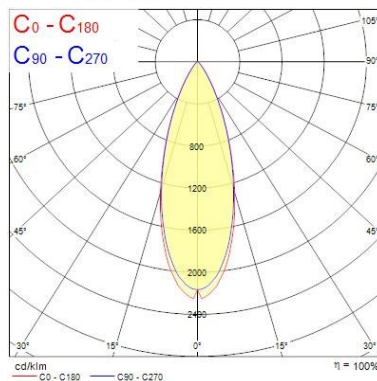


Distance [m]	Cone diameter [m]	E(I) [lm]	E(C90) [lm]	E(C0) [lm]
0.5	0.32	4345	1805	1962
1.0	0.64	1081	451	482
1.5	0.96	482	209	219
2.0	1.28	275	117	123
2.5	1.61	173	75	78
3.0	1.93	127	52	54

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 35.2°)
 C90 - C270 (Half beam angle: 35.6°)

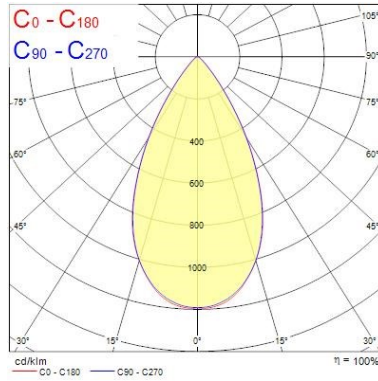
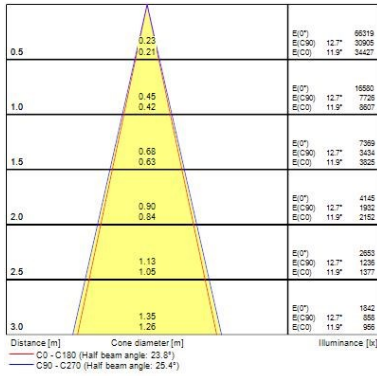
Distance [m]	Cone diameter [m]	E(I) [lm]	E(C90) [lm]	E(C0) [lm]
0.5	0.52	2397	845	847
1.0	1.04	599	210	210
1.5	1.56	264	97	97
2.0	2.07	149	52	52
2.5	2.59	99	33	33
3.0	3.11	66	23	23

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 55.0°)
 C90 - C270 (Half beam angle: 54.8°)



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TECHNICAL DRAWINGS

