SYLVANIA

Pixo Small 1650lm 930 NB MB WB DALI White
0004556

Features

• Simple and slick integral design with no driver box and without any visible screws Improved thermal resistance with in-track driver, ideal for retail applications Extremely precise light beams due to the high-quality lenses Die-cast aluminium body, Beam angle: 36°, additional lenses 24° and 54° beam angle included in the packaging, Textured white finishing colour Light color temperature: 3000K, warm white System power: 14W, Fixture lumen output: 1650lm, efficacy: 118lm/W, Ra90 typical, LED chromacity: 3 step MacAdam ellipse LED source (SDCM3), IR/UV free light source without heat radiation Operating voltage 220-240V / 50-60Hz, DALI dimmable driver, ultra low LED flickering rate (5% or less) Suitable for installation on 3-circuit tracks, please check compatibility list on the instruction sheet. Compatible with OneTrack Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only Horizontal rotation: 345°, vertical tilt: 90° Nominal product dimensions: D.60mmx130mm, lenght of the Adaptor : 198mm. 5 years warranty. Recycling instructions for extra lens in this product: please contact us for recycling instructions or disposal.
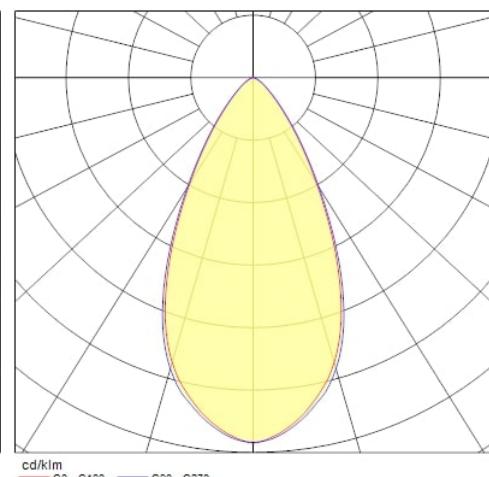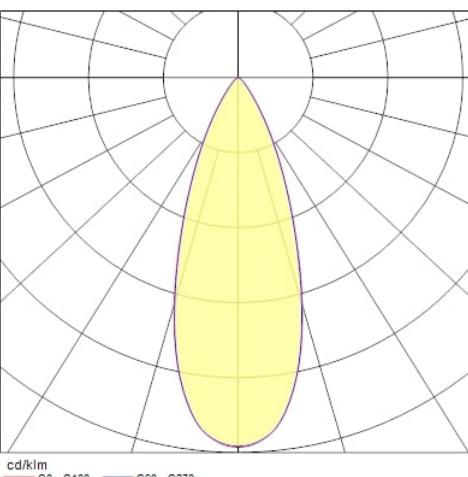
Product Overview

Product name	Pixo Small 1650lm 930 NB MB WB DALI White
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries, Retail, Office, Residential & Consumer
ETIM Class	EC001744

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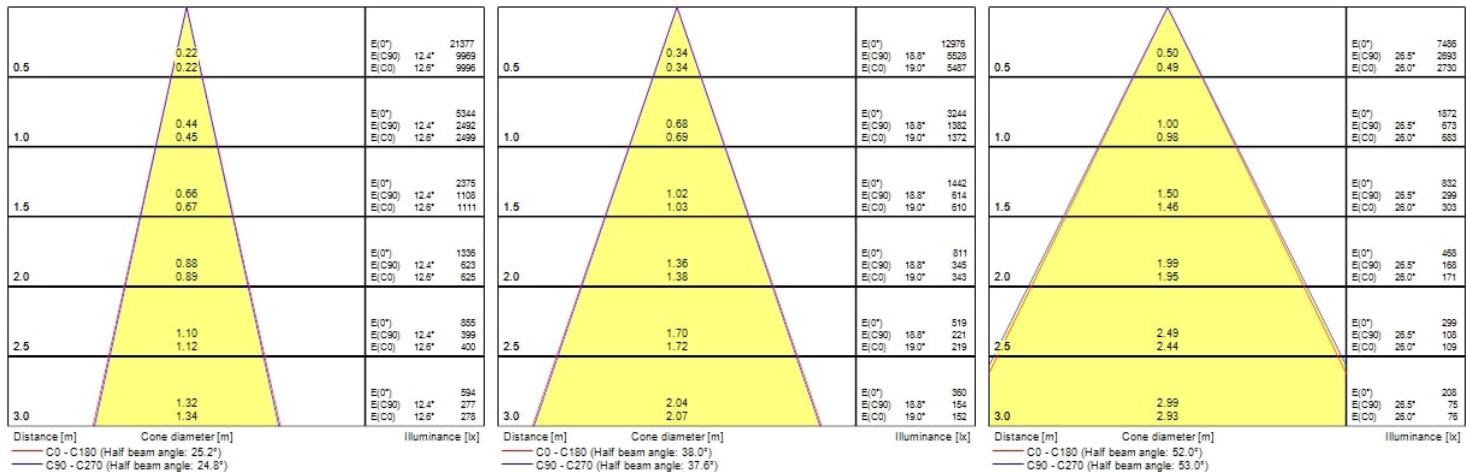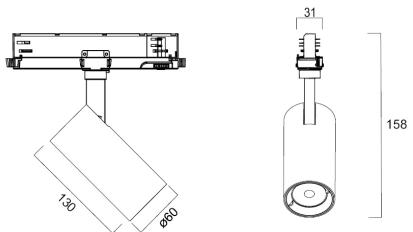|	
E-number FI	4279605
Fixture luminous flux (lm)	1650
Luminaire efficacy (lm/W)	118
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	14
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288045566
Warranty	5 years
Built in presence detector	NONE
Virtual assistant compatibility	N/A
Dimming method	DALI-2

Photometry

cd/klm C0 - C180 C90 - C270

cd/klm C0 - C180 C90 - C270

cd/klm C0 - C180 C90 - C270

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Diagram 1 (NB):

Distance [m]	Cone diameter [m]	Illuminance [lx]		
0.5	0.22 / 0.22	E(0°) 21377	E(C90) 12.4° 9969	E(C0) 12.6° 9996
1.0	0.44 / 0.45	E(0°) 5344	E(C90) 12.4° 2492	E(C0) 12.6° 2499
1.5	0.66 / 0.67	E(0°) 2375	E(C90) 12.4° 1108	E(C0) 12.6° 1111
2.0	0.88 / 0.89	E(0°) 1336	E(C90) 12.4° 623	E(C0) 12.6° 625
2.5	1.10 / 1.12	E(0°) 855	E(C90) 12.4° 399	E(C0) 12.6° 400
3.0	1.32 / 1.34	E(0°) 594	E(C90) 12.4° 277	E(C0) 12.6° 278

C0 - C180 (Half beam angle: 25.2°)
C90 - C270 (Half beam angle: 24.8°)

Diagram 2 (MB):

Distance [m]	Cone diameter [m]	Illuminance [lx]		
0.5	0.34 / 0.34	E(0°) 12976	E(C90) 18.8° 5528	E(C0) 19.0° 5487
1.0	0.68 / 0.69	E(0°) 3244	E(C90) 18.8° 1382	E(C0) 19.0° 1372
1.5	1.02 / 1.03	E(0°) 1442	E(C90) 18.8° 614	E(C0) 19.0° 610
2.0	1.36 / 1.38	E(0°) 811	E(C90) 18.8° 345	E(C0) 19.0° 343
2.5	1.70 / 1.72	E(0°) 519	E(C90) 18.8° 221	E(C0) 19.0° 219
3.0	2.04 / 2.07	E(0°) 360	E(C90) 18.8° 154	E(C0) 19.0° 152

C0 - C180 (Half beam angle: 38.0°)
C90 - C270 (Half beam angle: 37.6°)

Diagram 3 (WB):

Distance [m]	Cone diameter [m]	Illuminance [lx]		
0.5	0.50 / 0.49	E(0°) 7486	E(C90) 26.5° 2693	E(C0) 26.0° 2730
1.0	1.00 / 0.98	E(0°) 1872	E(C90) 26.5° 673	E(C0) 26.0° 683
1.5	1.50 / 1.46	E(0°) 832	E(C90) 26.5° 299	E(C0) 26.0° 303
2.0	1.99 / 1.95	E(0°) 468	E(C90) 26.5° 168	E(C0) 26.0° 171
2.5	2.49 / 2.44	E(0°) 299	E(C90) 26.5° 108	E(C0) 26.0° 109
3.0	2.99 / 2.93	E(0°) 208	E(C90) 26.5° 75	E(C0) 26.0° 76

C0 - C180 (Half beam angle: 52.0°)
C90 - C270 (Half beam angle: 53.0°)

Technical drawings

31
158
130
Ø60
Ø90

Data table

GENERAL DATA

Product name	Pixo Small 1650lm 930 NB MB WB DALI White
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Built in presence detector	NONE
General application	Museums & Galleries, Retail, Office, Residential & Consumer
Operating temperature range (°C)	1°C...+25°C

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Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4279605
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1650
Luminaire efficacy (lm/W)	118
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	14
Supply current (A)	0.06
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	20
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Inrush Current (A)	10
Inrush Duration (µs)	3
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	96

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Max. products per 13A C Breaker	125
Max. products per 16A C Breaker	154
Max. products per 20A C Breaker	192
Max. products per 10A B Breaker	60
Max. products per 13A B Breaker	78
Max. products per 16A B Breaker	96
Max. products per 20A B Breaker	120

LIFETIME DATA

Lifespan L70 B50	120000
Lifespan L70 B20	120000
Lifespan L70 B10	120000
Lifespan L80 B50	120000
Lifespan L80 B20	120000
Lifespan L80 B10	120000
Lifespan L90 B50	120000
Lifespan L90 B20	120000
Lifespan L90 B10	120000

PHYSICAL DATA

Housing colour	White
IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Reflector finish	High-gloss
Nominal Product Length (mm)	130
Nominal Product Diameter (mm)	60
Weight (kg)	0.426

PACKAGING

Product EAN number	5410288045566
Packaging single length / height (cm)	24.0
Packaging single width (cm)	9.5

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Packaging single depth (cm)	19.3
DUN14 (inner)	15410288045563
Units per outer package	16
Packaging outer length / height (cm)	50.5
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	41.0

SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	1-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

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