SYLVANIA

PIXO LARGE 5050LM 930 NB MB WB DALI WHITE
0004564

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: 40W, Fixture lumen output: 5050lm, efficacy: 126lm/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.91mmx150mm 5 years warranty. Recycling instructions for extra lens in this product: please contact us for recycling instructions or disposal.
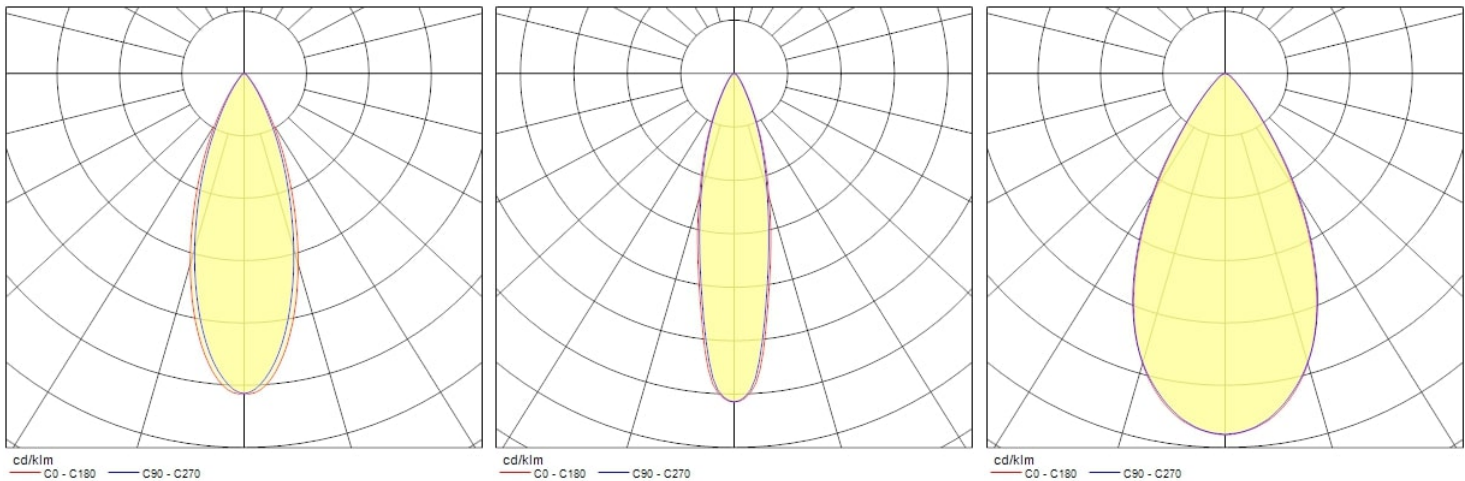
Product Overview

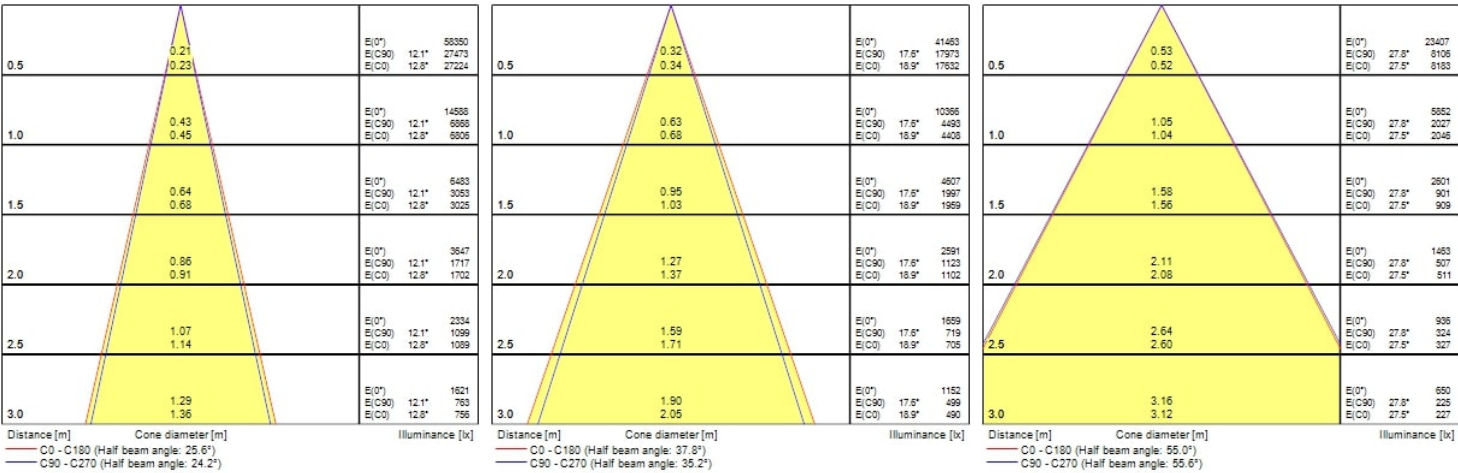| Product name	PIXO LARGE 5050LM 930 NB MB WB DALI WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries, Retail, Office, Residential & Consumer
ETIM Class	EC001744

Light your world

SYLVANIA

PIXO LARGE 5050LM 930 NB MB WB DALI WHITE
0004564

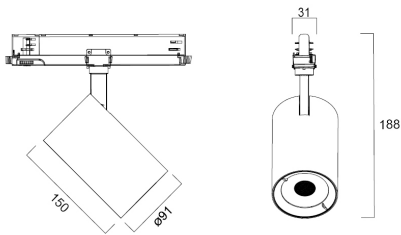|	
Fixture luminous flux (lm)	5050
Luminaire efficacy (lm/W)	126
Correlated colour temperature (k)	3000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	40
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288045641
Warranty	5 years
Dimming method	DALI-2

Photometry

cd/klm — C0 - C180 — C90 - C270

cd/klm — C0 - C180 — C90 - C270

cd/klm — C0 - C180 — C90 - C270

Light your world

SYLVANIA

PIXO LARGE 5050LM 930 NB MB WB DALI WHITE
0004564

Beam cone diagram (left):

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.21 / 0.23	E(0°) 58350, E(C90) 12.1° 27473, E(C0) 12.8° 27224
1.0	0.43 / 0.45	E(0°) 14588, E(C90) 12.1° 6868, E(C0) 12.8° 6806
1.5	0.64 / 0.68	E(0°) 6483, E(C90) 12.1° 3053, E(C0) 12.8° 3025
2.0	0.86 / 0.91	E(0°) 3647, E(C90) 12.1° 1717, E(C0) 12.8° 1702
2.5	1.07 / 1.14	E(0°) 2334, E(C90) 12.1° 1099, E(C0) 12.8° 1089
3.0	1.29 / 1.36	E(0°) 1621, E(C90) 12.1° 763, E(C0) 12.8° 756

C0 - C180 (Half beam angle: 25.6°)
C90 - C270 (Half beam angle: 24.2°)

Beam cone diagram (center):

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.32 / 0.34	E(0°) 41463, E(C90) 17.6° 17973, E(C0) 18.9° 17632
1.0	0.63 / 0.68	E(0°) 10366, E(C90) 17.6° 4493, E(C0) 18.9° 4408
1.5	0.95 / 1.03	E(0°) 4607, E(C90) 17.6° 1997, E(C0) 18.9° 1959
2.0	1.27 / 1.37	E(0°) 2591, E(C90) 17.6° 1123, E(C0) 18.9° 1102
2.5	1.59 / 1.71	E(0°) 1659, E(C90) 17.6° 719, E(C0) 18.9° 705
3.0	1.90 / 2.05	E(0°) 1152, E(C90) 17.6° 499, E(C0) 18.9° 490

C0 - C180 (Half beam angle: 37.8°)
C90 - C270 (Half beam angle: 35.2°)

Beam cone diagram (right):

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.53 / 0.52	E(0°) 23407, E(C90) 27.8° 8106, E(C0) 27.5° 8183
1.0	1.05 / 1.04	E(0°) 5852, E(C90) 27.8° 2027, E(C0) 27.5° 2046
1.5	1.58 / 1.56	E(0°) 2601, E(C90) 27.8° 901, E(C0) 27.5° 909
2.0	2.11 / 2.08	E(0°) 1463, E(C90) 27.8° 507, E(C0) 27.5° 511
2.5	2.64 / 2.60	E(0°) 936, E(C90) 27.8° 324, E(C0) 27.5° 327
3.0	3.16 / 3.12	E(0°) 650, E(C90) 27.8° 225, E(C0) 27.5° 227

C0 - C180 (Half beam angle: 55.0°)
C90 - C270 (Half beam angle: 55.6°)

Technical drawings

150   Ø90   31   188   Ø91

Data table

GENERAL DATA

Product name	PIXO LARGE 5050LM 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
Operating temperature range (°C)	25°C...+25°C
ETIM Class	EC001744

Light your world

SYLVANIA

PIXO LARGE 5050LM 930 NB MB WB DALI WHITE
0004564

Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	5050
Luminaire efficacy (lm/W)	126
Correlated colour temperature (k)	3000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	40
Current (A)	0.17
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)	18
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	53
Max. products per 13A C Breaker	69
Max. products per 16A C Breaker	85
Max. products per 20A C Breaker	107

Light your world

Max. products per 10A B Breaker	33
Max. products per 13A B Breaker	43
Max. products per 16A B Breaker	53
Max. products per 20A B Breaker	67

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)	150
Nominal Product Diameter (mm)	91
Weight (kg)	0.784

PACKAGING

Product EAN number	5410288045641
Packaging single length / height (cm)	27.2
Packaging single width (cm)	12.7
Packaging single depth (cm)	22.3
DUN14 (inner)	15410288045648
Units per outer package	8

Light your world

SYLVANIA

PIXO LARGE 5050LM 930 NB MB WB DALI WHITE
0004564

Packaging outer length / height (cm)	57.0
Packaging outer width (cm)	52.5
Packaging outer depth (cm)	25.0

SAFETY DATA

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

Light your world