

PIXO ZOOM 1850LM 17D-60D 3CCT DALI BLACK
0004523



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 Adjustable beam angle between 17° - 60° Die-cast aluminium body, Textured black finishing colour Light color temperature: 3CCT - 2700-3000-4000K, changeable by DALI system System power: 24W, Fixture lumen output: 1850lm, efficacy: 77lm/W (80lm/W @3000K 60D) LED chromacity: 3 step MacAdam ellipse LED source measured at 2700K & 4000K (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.85mmx170mm 5 years warranty

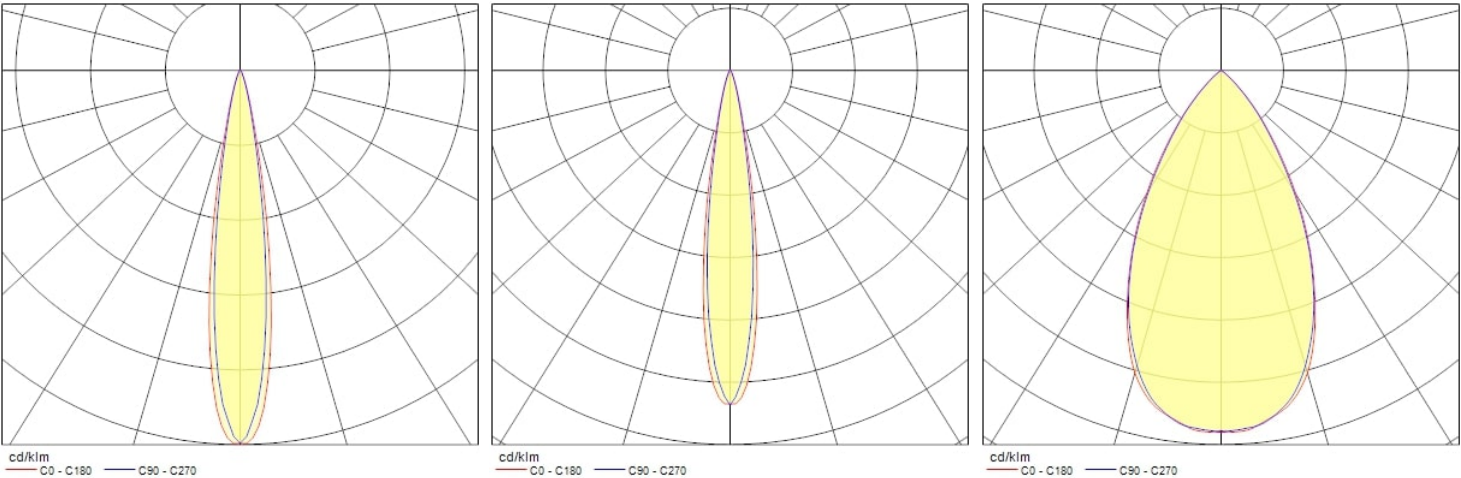
Product Overview

Product name	PIXO ZOOM 1850LM 17D-60D 3CCT DALI BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries, Office, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	77
Light colour	Warm White or Neutral White
CRI (Ra)	90

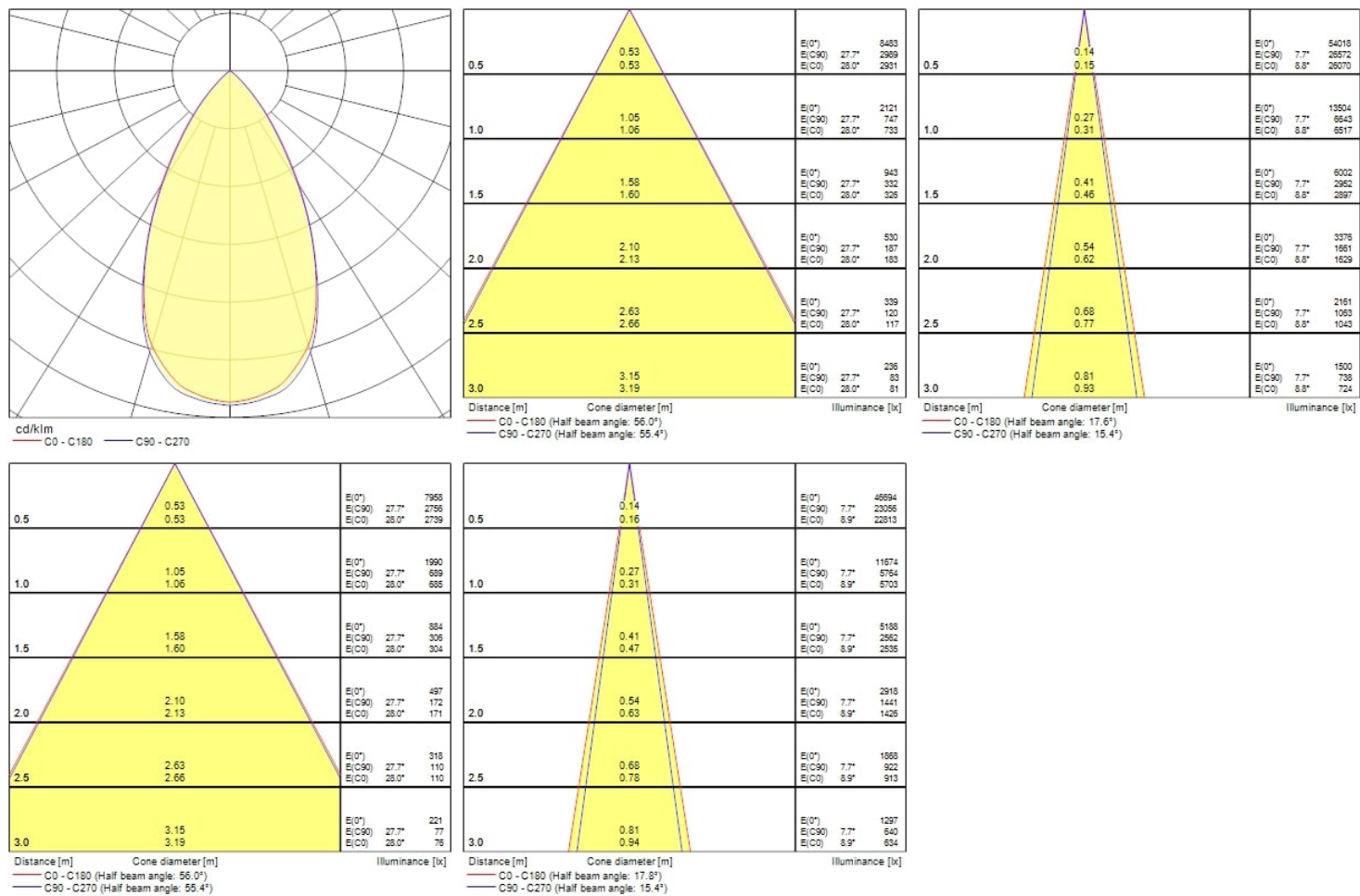
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Colour Variation Initial (SDCM)	4
Photobiological Risk Group	RG1
Total power consumption (W)	24
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK03
Product EAN number	5410288045238
Warranty	5 years
Dimming method	DALI-2
Useful luminous flux (#use)	1850

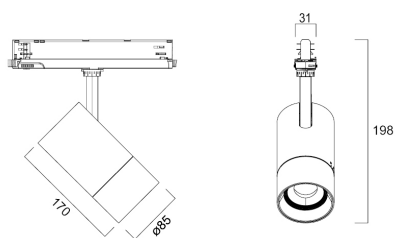
Photometry



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Technical drawings



Data table

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GENERAL DATA

Product name	PIXO ZOOM 1850LM 17D-60D 3CCT DALI BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries, Office, Retail
Operating temperature range (°C)	25°C...+25°C
ETIM Class	EC001744
Warranty	5 years

OPTICAL DATA

Useful luminous flux (#use)	1850
Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	77
Light colour	Warm White or Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	4
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	24
Current (A)	0.10
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes

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Dimming method	DALI-2
Inrush Current (A)	18
Inrush Duration (µs)	3
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	F
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
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	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	100000
Lifespan L80 B20	93000
Lifespan L80 B10	86000
Lifespan L90 B50	56000
Lifespan L90 B20	44000
Lifespan L90 B10	41000

PHYSICAL DATA

Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Reflector finish	High-gloss



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Nominal Product Length (mm)	170
Nominal Product Diameter (mm)	85
Weight (kg)	0.992

PACKAGING

Product EAN number	5410288045238
Packaging single length / height (cm)	28.2
Packaging single width (cm)	12.0
Packaging single depth (cm)	23.3
DUN14 (inner)	15410288045235
Units per outer package	8
Packaging outer length / height (cm)	59.0
Packaging outer width (cm)	50.0
Packaging outer depth (cm)	26.0

SAFETY DATA

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