



### Features

- Simple and slick integral design. Extremely precise light beams due to the high-quality lenses. Easily replaceable lens system, die-cast aluminium body, beam angle: 36°, and 54° beam angle included in the packaging, Textured white finishing colour. Light color temperature: 2700-3000-4000K, 3-CCT switch on the housing of the product, System power: 29W, Fixture lumen output: 3200lm, efficacy: 110lm/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-2 dimmable driver, ultra low LED flickering rate (5% or less). Suitable for ceiling surface mounting, wall surface mounting. Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only. Push-in terminals for quick installation. Lifespan up to 100,000h, L90B10. Horizontal rotation: 345°, vertical tilt: 90°, Nominal product dimensions: D.81mmx250mm. 5 years warranty. Recycling instructions for extra lens in this product: please contact us for recycling instructions or disposal.

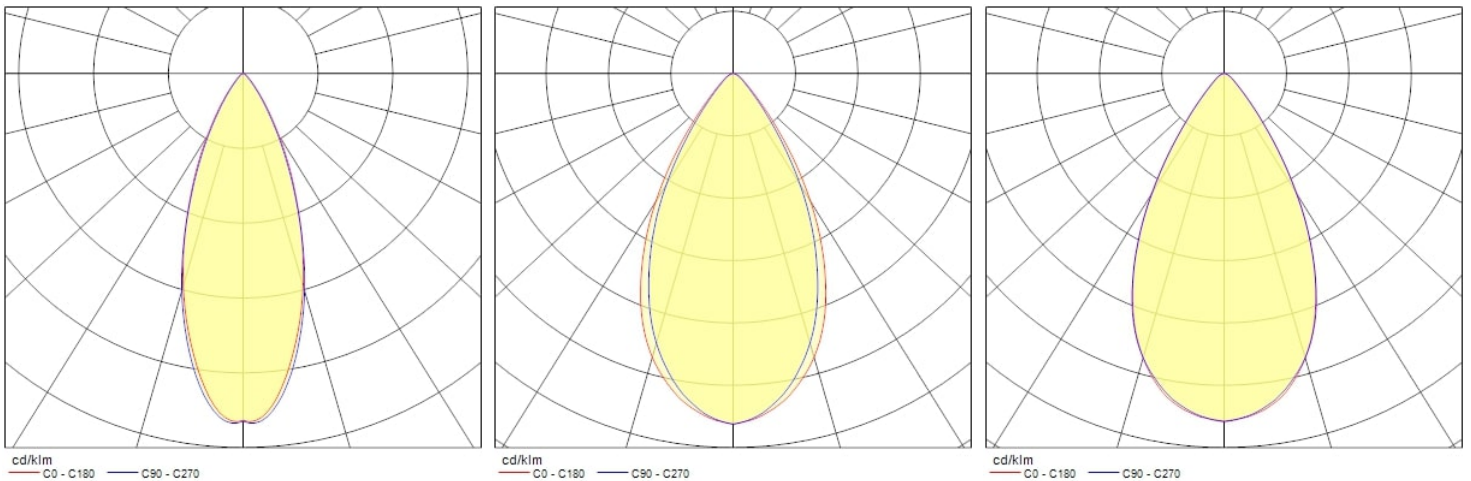
### Product Overview

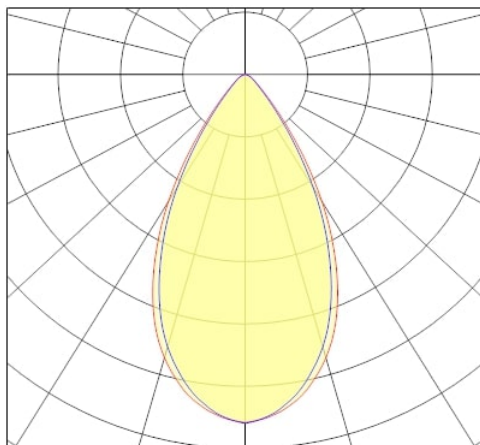
<b>Product name</b>	PIXO SURFACE 3200LM 3CCT MB WB DALI WHITE
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling surface mounting, Wall surface mounted
<b>General application</b>	Museums & Galleries, Retail
<b>ETIM Class</b>	EC002892
<b>E-number FI</b>	4279907
<b>Fixture luminous flux (lm)</b>	3200

## PIXO SURFACE 3200LM 3CCT MB WB DALI WHITE 0004723

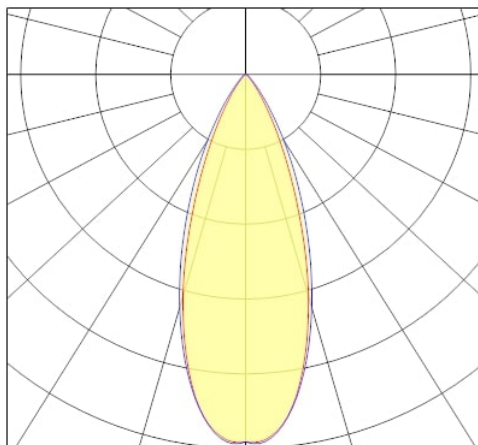
Luminaire efficacy (lm/W)	110
Light colour	N/A
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	29
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288047232
Warranty	5 years
Dimming method	DALI-2

### Photometry

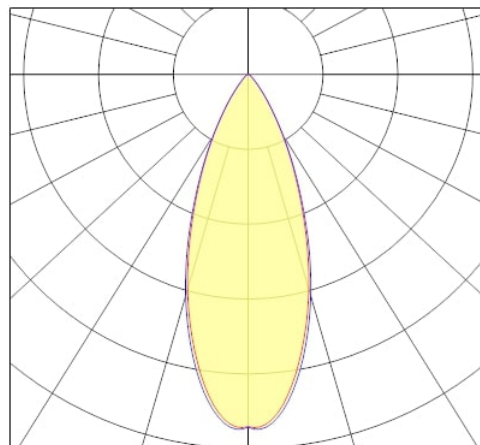




cd/klm  
— C0 - C180 — C90 - C270



cd/klm  
— C0 - C180 — C90 - C270



cd/klm  
— C0 - C180 — C90 - C270

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	0.54	14955 28.3° 5145	
1.0	1.08	3745 28.3° 1287	
1.5	1.62	1655 28.3° 572	
2.0	2.15	937 28.3° 322	
2.5	2.69	599 28.3° 205	
3.0	3.23	415 28.3° 143	

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 56.6°)

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	0.51 0.55	15245 27.2° 5096 28.9° 5117	
1.0	1.03 1.10	3811 27.2° 1349 28.9° 1279	
1.5	1.54 1.66	1694 27.2° 600 28.9° 569	
2.0	2.06 2.21	953 27.2° 337 28.9° 320	
2.5	2.57 2.76	610 27.2° 216 28.9° 205	
3.0	3.08 3.31	423 27.2° 150 28.9° 142	

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 57.8°)  
— C90 - C270 (Half beam angle: 54.4°)

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	0.51 0.55	14874 26.8° 5309 28.8° 6035	
1.0	1.01 1.10	3718 26.8° 1327 28.8° 1259	
1.5	1.52 1.65	1653 26.8° 590 28.8° 559	
2.0	2.02 2.20	930 26.8° 332 28.8° 315	
2.5	2.53 2.75	595 26.8° 212 28.8° 201	
3.0	3.03 3.30	413 26.8° 147 28.8° 140	

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 57.6°)  
— C90 - C270 (Half beam angle: 53.6°)

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	0.36 0.35	24358 19.7° 10327 19.3° 10330	
1.0	0.72 0.70	6097 19.7° 2552 19.3° 2553	
1.5	1.07 1.05	2710 19.7° 1147 19.3° 1148	
2.0	1.43 1.40	1524 19.7° 645 19.3° 645	
2.5	1.79 1.75	976 19.7° 413 19.3° 413	
3.0	2.15 2.10	677 19.7° 287 19.3° 287	

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 39.6°)  
— C90 - C270 (Half beam angle: 39.4°)

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	0.36	22927 19.6° 9656	
1.0	0.71	5732 19.6° 2417	
1.5	1.07	2547 19.6° 1074	
2.0	1.42	1459 19.6° 604	
2.5	1.78	917 19.6° 387	
3.0	2.14	637 19.6° 269	

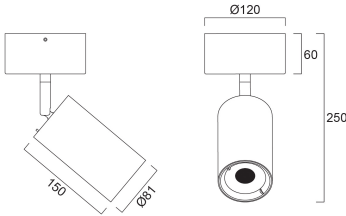
Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 39.2°)

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	0.36 0.34	25226 20.0° 10576 18.6° 10849	
1.0	0.73 0.67	6307 20.0° 2644 18.6° 2712	
1.5	1.09 1.01	2803 20.0° 1175 18.6° 1205	
2.0	1.46 1.35	1577 20.0° 661 18.6° 678	
2.5	1.82 1.68	1009 20.0° 423 18.6° 434	
3.0	2.18 2.02	701 20.0° 294 18.6° 301	

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 37.2°)  
— C90 - C270 (Half beam angle: 40.0°)

## PIXO SURFACE 3200LM 3CCT MB WB DALI WHITE 0004723

### Technical drawings



### Data table

#### GENERAL DATA

Product name	PIXO SURFACE 3200LM 3CCT MB WB DALI WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Wall surface mounted
General application	Museums & Galleries, Retail
Operating temperature range (°C)	1°C...+35°C
ETIM Class	EC002892
E-number FI	4279907
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	110
Light colour	N/A
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Photobiological Risk Group	RG1

## PIXO SURFACE 3200LM 3CCT MB WB DALI WHITE 0004723

### ELECTRICAL DATA

Total power consumption (W)	29
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 %	10
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Inrush Current (A)	30
Inrush Duration ( $\mu$ s)	100
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	27
Max. products per 16A C Breaker	42
Max. products per 16A B Breaker	28
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

### 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	109000
Lifespan L90 B10	100000

## PIXO SURFACE 3200LM 3CCT MB WB DALI WHITE 0004723

### PHYSICAL DATA

Housing colour	White
IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Nominal Product Height (mm)	276
Nominal Product Diameter (mm)	81
Weight (kg)	0.74

### PACKAGING

Product EAN number	5410288047232
Packaging single length / height (cm)	21.5
Packaging single width (cm)	12.7
Packaging single depth (cm)	22.3
DUN14 (inner)	15410288047239
Units per outer package	8
Packaging outer length / height (cm)	53.0
Packaging outer width (cm)	44.5
Packaging outer depth (cm)	25.0

### SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	1-35
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No