



## 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 black 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.

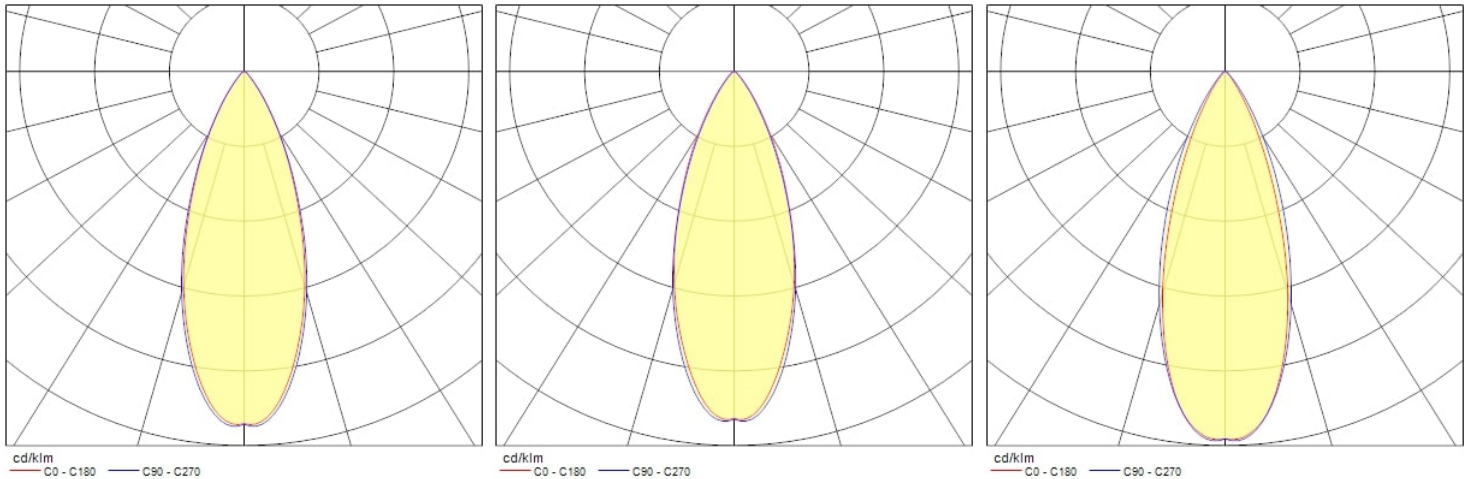
## Product Overview

<b>Product name</b>	Pixo Surface 3200lm 3CCT MB WB DALI Black
<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>	4279958
<b>Fixture luminous flux (lm)</b>	3200

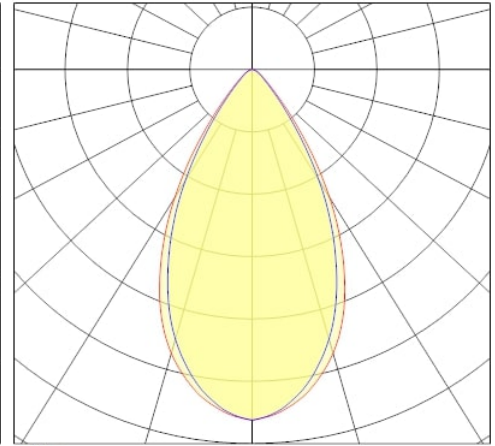
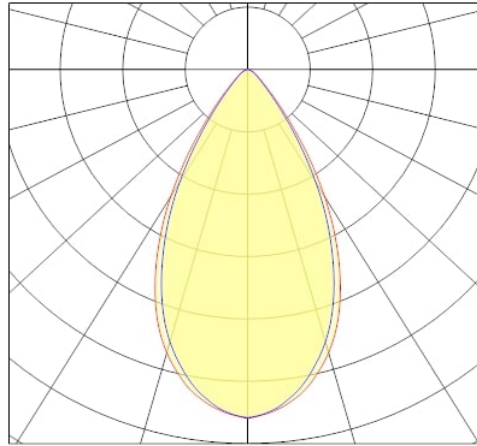
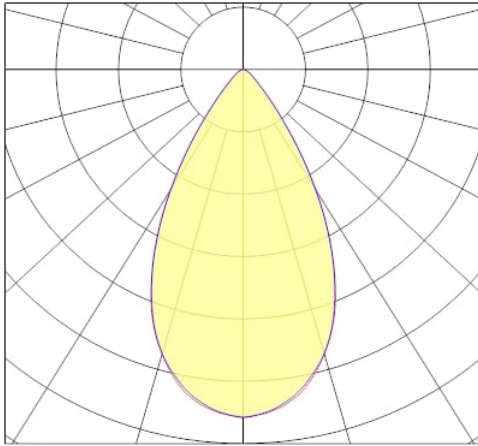
## Pixo Surface 3200lm 3CCT MB WB DALI Black 0004724

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	Black
IP rating	IP20
IK rating	IK03
Product EAN number	5410288047249
Warranty	5 years
Built in presence detector	NONE
Virtual assistant compatibility	N/A
Dimming method	DALI-2

### Photometry



## Pixo Surface 3200lm 3CCT MB WB DALI Black 0004724



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.51 0.55	14874	14874	5309	5309
1.0	1.01 1.10	3718	3718	1327	1259
1.5	1.52 1.65	1553	1553	590	559
2.0	2.02 2.20	930	930	332	315
2.5	2.53 2.75	596	596	212	201
3.0	3.03 3.30	413	413	147	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]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.36 0.34	28228	28228	1076	10349
1.0	0.73 0.67	6907	6907	2644	2712
1.5	1.09 1.01	2803	2803	1175	1205
2.0	1.46 1.35	1577	1577	661	678
2.5	1.82 1.68	1009	1009	423	434
3.0	2.18 2.02	701	701	294	301

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

Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.51 0.55	15245	15245	5396	5117
1.0	1.03 1.10	3811	3811	1949	1279
1.5	1.54 1.66	1694	1694	600	569
2.0	2.06 2.21	953	953	337	320
2.5	2.57 2.76	610	610	216	205
3.0	3.08 3.31	423	423	150	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]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.36	22927	22927	9666	9666
1.0	0.71	5732	5732	2417	2417
1.5	1.07	2547	2547	1074	1074
2.0	1.42	1433	1433	604	604
2.5	1.78	917	917	387	387
3.0	2.14	637	637	269	269

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

Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.54	14985	14985	5148	5148
1.0	1.08	3746	3746	1287	1287
1.5	1.62	1655	1655	572	572
2.0	2.15	957	957	322	322
2.5	2.69	599	599	206	206
3.0	3.23	416	416	143	143

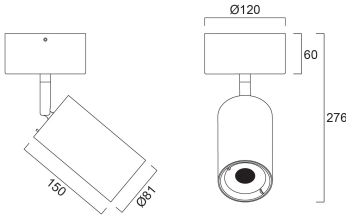
Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 56.6°)

Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.36 0.35	24388	24388	10327	10330
1.0	0.72 0.70	6097	6097	2302	2303
1.5	1.07 1.05	2710	2710	1147	1148
2.0	1.43 1.40	1524	1524	645	646
2.5	1.79 1.75	978	978	413	413
3.0	2.15 2.10	677	677	287	287

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 38.6°)  
 C90 - C270 (Half beam angle: 39.4°)

## Pixo Surface 3200lm 3CCT MB WB DALI Black 0004724

### Technical drawings



### Data table

#### GENERAL DATA

Product name	Pixo Surface 3200lm 3CCT MB WB DALI Black
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Wall surface mounted
Built in presence detector	NONE
General application	Museums & Galleries, Retail
Operating temperature range (°C)	1°C...+35°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4279958
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 Black 0004724

### 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 Black 0004724

### PHYSICAL DATA

Housing colour	Black
IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Nominal Product Height (mm)	276
Nominal Product Diameter (mm)	81
Weight (kg)	1.05

### PACKAGING

Product EAN number	5410288047249
Packaging single length / height (cm)	33.0
Packaging single width (cm)	17.0
Packaging single depth (cm)	16.0
DUN14 (inner)	15410288047246
Units per outer package	6
Packaging outer length / height (cm)	52.5
Packaging outer width (cm)	34.5
Packaging outer depth (cm)	34.0

### 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