



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: 27W, Fixture lumen output: 3150lm, efficacy: 117lm/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, electronic driver with multipower settings, ultra low LED flickering rate (5% or less). Multipower version with 8 settings to meet all installation needs in one single product (selection between 950lm; 1200lm; 1450lm; 1650lm; 1850lm; 2300lm; 2700lm; 3150lm). 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.

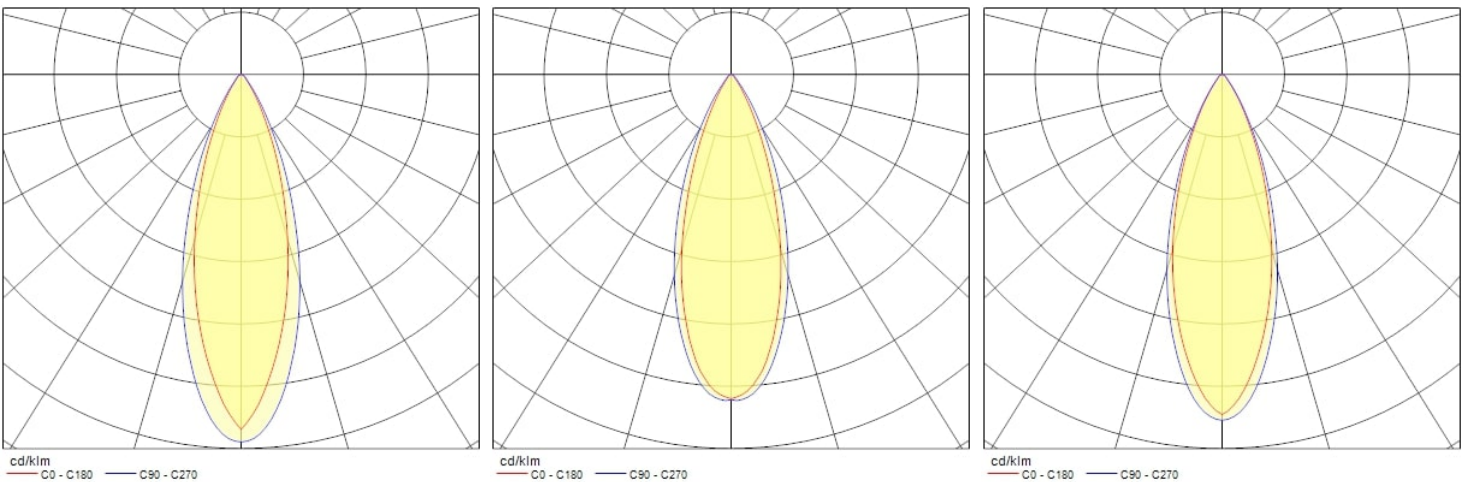
Product Overview

Product name	PIXO SURFACE 3150LM 3CCT MB WB MULTIPOWER WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting, Wall surface mounted

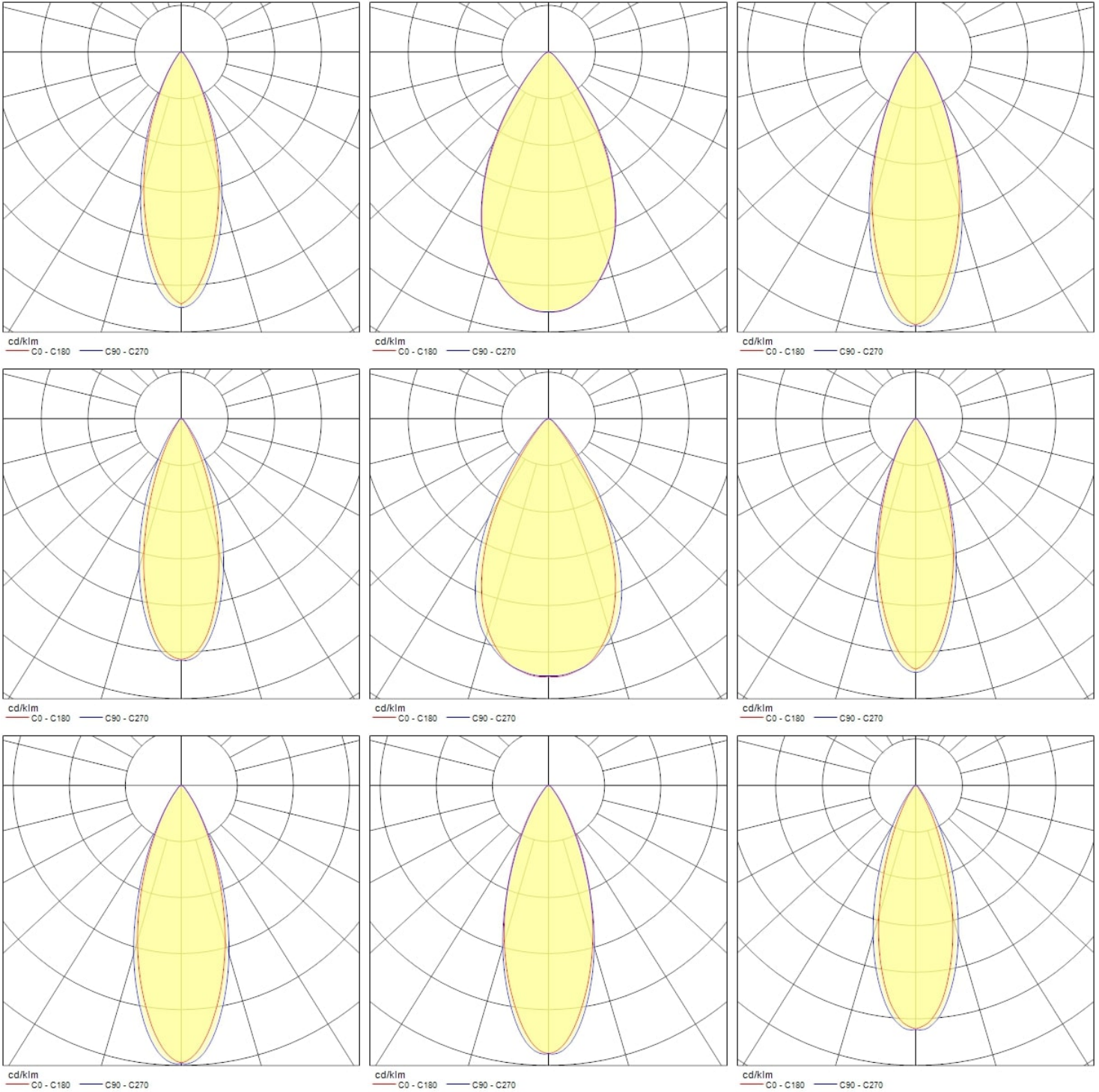
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General application	Museums & Galleries, Retail
ETIM Class	EC002892
E-number FI	4279903
Fixture luminous flux (lm)	3150
Luminaire efficacy (lm/W)	117
Light colour	N/A
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	27
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288047034
Warranty	5 years
Dimming method	N/A

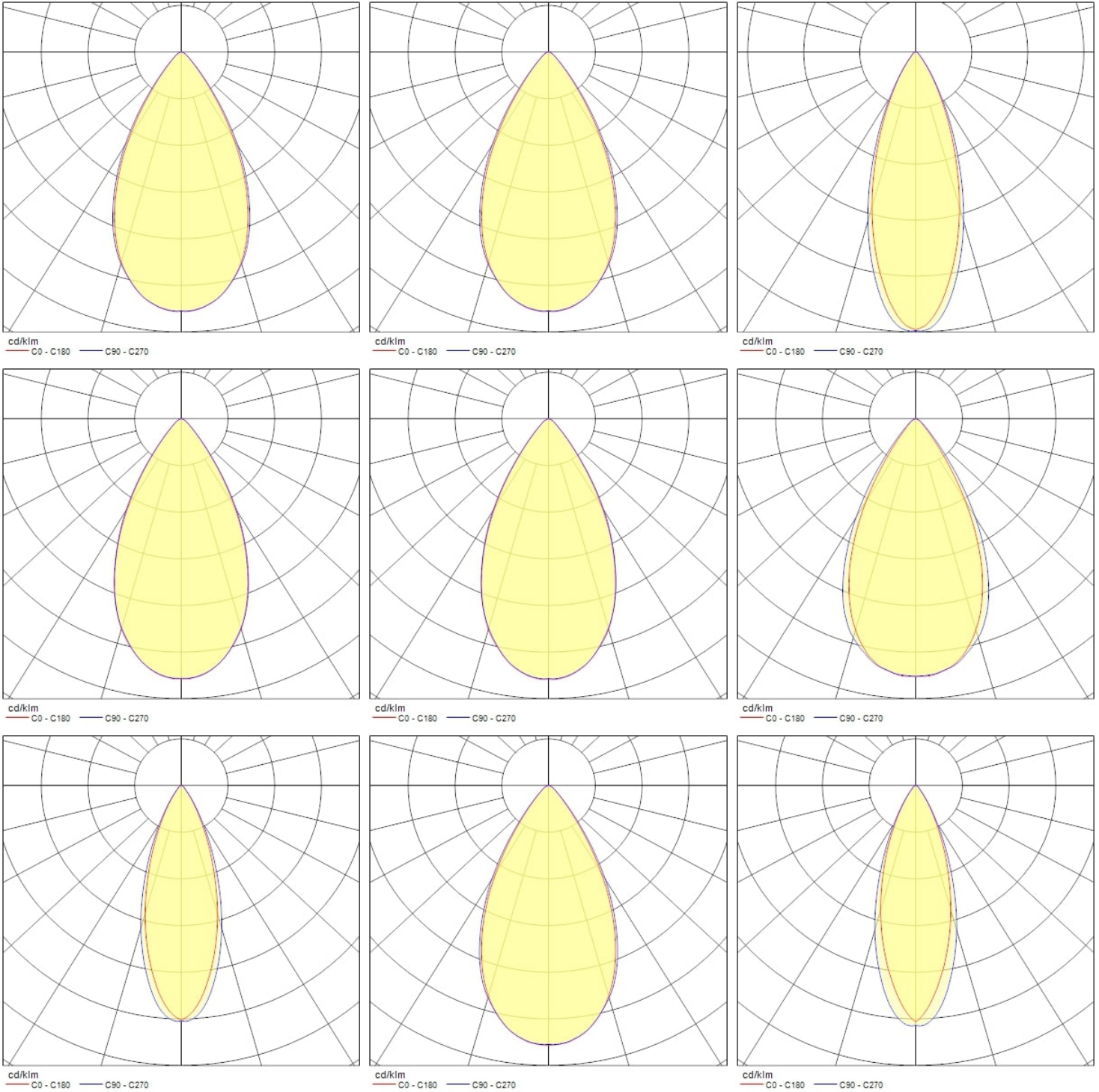
Photometry



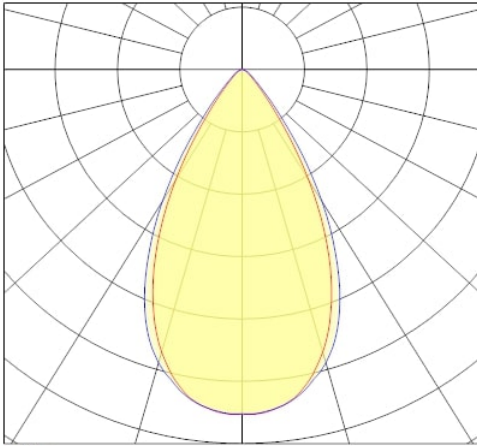
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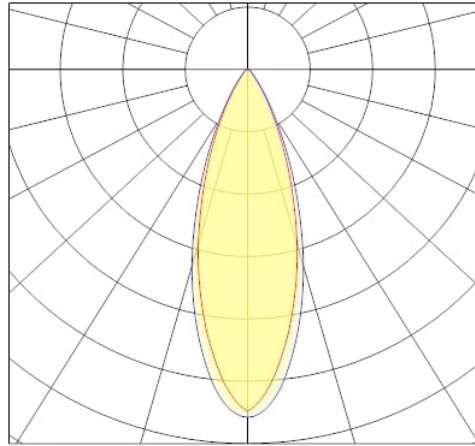
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cd/klm
— C0 - C180 — C90 - C270



cd/klm
— C0 - C180 — C90 - C270

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.33 0.27	11047	18.1° 4921	15.2° 4907	
1.0	0.65 0.54	2762	18.1° 1203	15.2° 1247	
1.5	0.98 0.82	1227	18.1° 547	15.2° 554	
2.0	1.31 1.09	690	18.1° 308	15.2° 312	
2.5	1.63 1.36	442	18.1° 197	15.2° 199	
3.0	1.96 1.63	307	18.1° 137	15.2° 139	

Distance [m] Cone diameter [m]
— C0 - C180 (Half beam angle: 30.4°)
— C90 - C270 (Half beam angle: 36.2°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.54 0.53	13855	28.2° 4765	28.0° 4737	
1.0	1.07 1.06	3454	28.2° 1191	28.0° 1197	
1.5	1.61 1.60	1539	28.2° 529	28.0° 532	
2.0	2.14 2.13	866	28.2° 298	28.0° 299	
2.5	2.68 2.66	554	28.2° 191	28.0° 191	
3.0	3.22 3.19	385	28.2° 132	28.0° 133	

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 56.0°)
— C90 - C270 (Half beam angle: 56.4°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.32 0.30	14490	18.0° 6305	16.7° 6335	
1.0	0.65 0.60	3623	18.0° 1596	16.7° 1596	
1.5	0.97 0.90	1610	18.0° 709	16.7° 709	
2.0	1.30 1.20	905	18.0° 399	16.7° 399	
2.5	1.62 1.50	580	18.0° 255	16.7° 255	
3.0	1.95 1.80	403	18.0° 177	16.7° 177	

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 33.4°)
— C90 - C270 (Half beam angle: 36.0°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.32 0.31	16261	18.0° 7147	17.0° 7139	
1.0	0.65 0.61	4055	18.0° 1787	17.0° 1785	
1.5	0.97 0.92	1807	18.0° 794	17.0° 793	
2.0	1.30 1.22	1016	18.0° 447	17.0° 445	
2.5	1.62 1.53	650	18.0° 286	17.0° 286	
3.0	1.95 1.83	453	18.0° 199	17.0° 198	

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 34.0°)
— C90 - C270 (Half beam angle: 36.0°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.54 0.53	4351	28.2° 1498	28.0° 1506	
1.0	1.07 1.06	1086	28.2° 375	28.0° 376	
1.5	1.61 1.60	483	28.2° 166	28.0° 167	
2.0	2.14 2.13	272	28.2° 94	28.0° 94	
2.5	2.68 2.66	174	28.2° 60	28.0° 60	
3.0	3.22 3.19	121	28.2° 42	28.0° 42	

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 56.0°)
— C90 - C270 (Half beam angle: 56.4°)

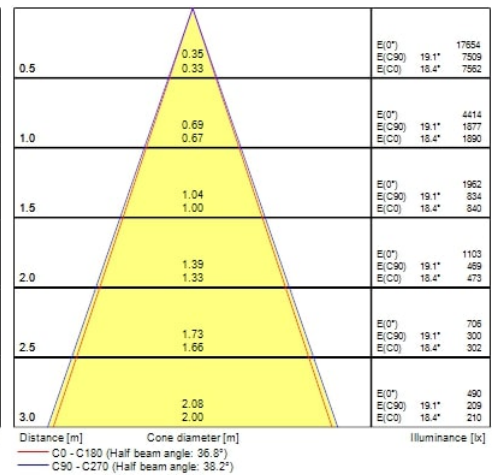
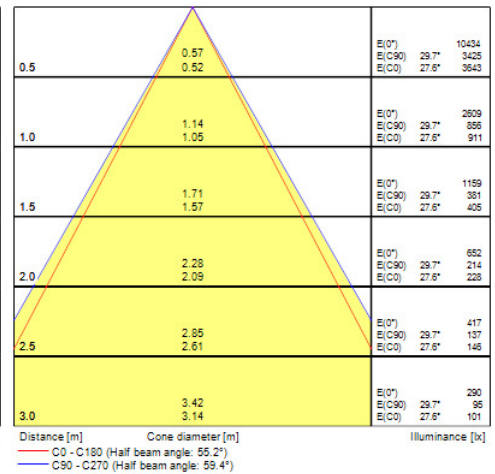
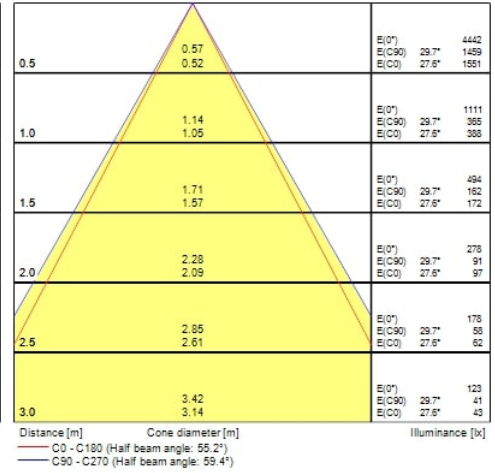
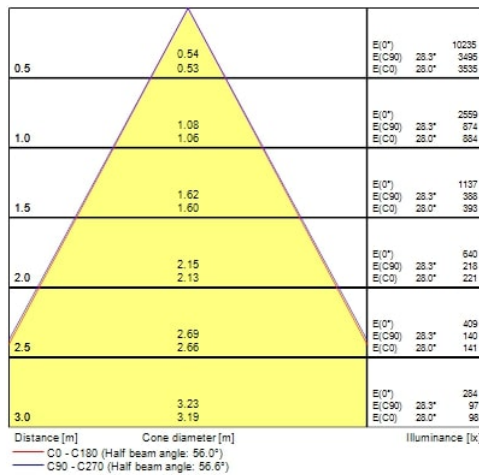
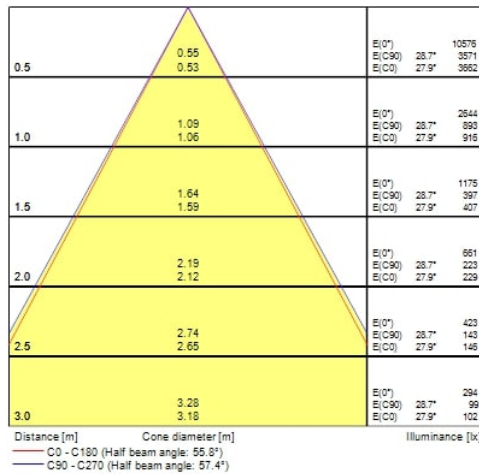
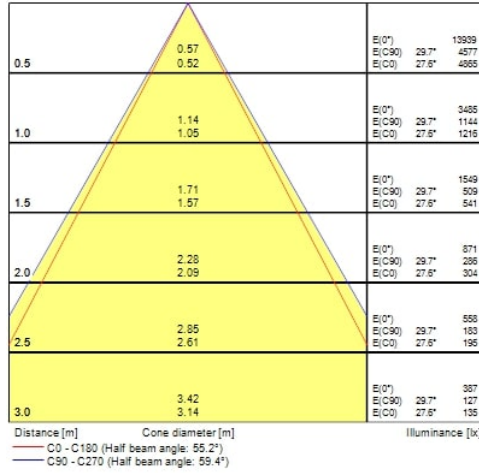
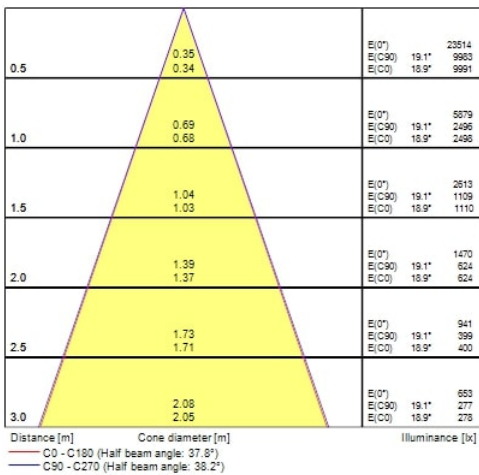
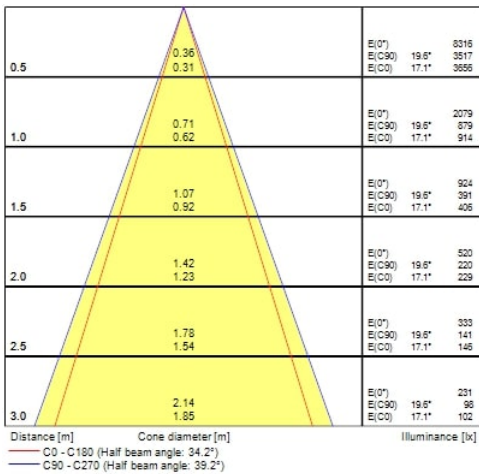
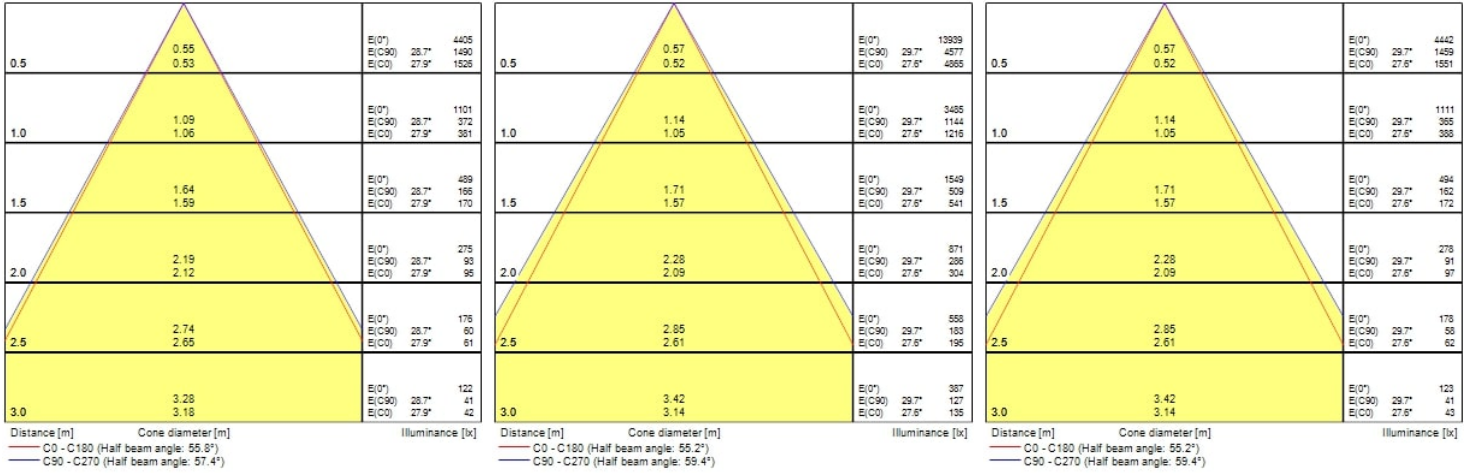
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.35 0.32	8028	19.3° 3402	17.6° 3496	
1.0	0.70 0.63	2007	19.3° 850	17.6° 874	
1.5	1.05 0.95	892	19.3° 378	17.6° 388	
2.0	1.40 1.27	502	19.3° 213	17.6° 218	
2.5	1.75 1.59	321	19.3° 136	17.6° 140	
3.0	2.10 1.90	223	19.3° 94	17.6° 97	

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 35.2°)
— C90 - C270 (Half beam angle: 38.6°)

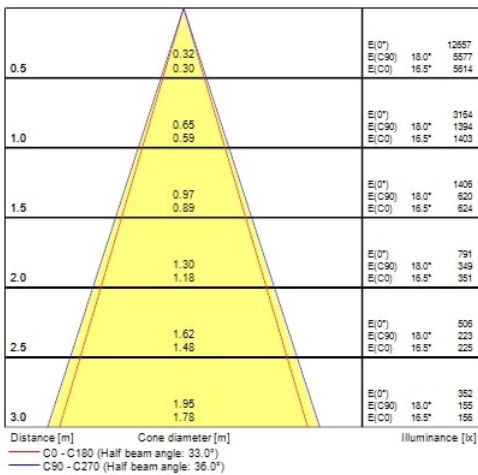
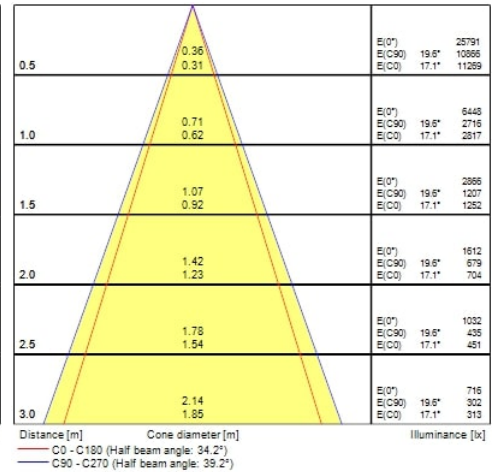
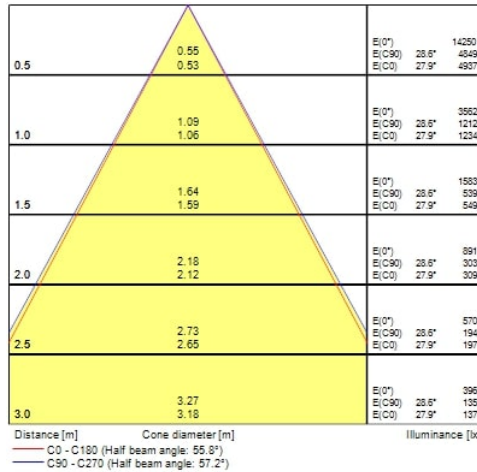
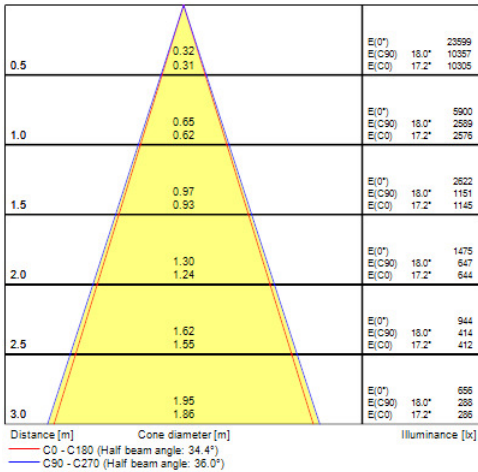
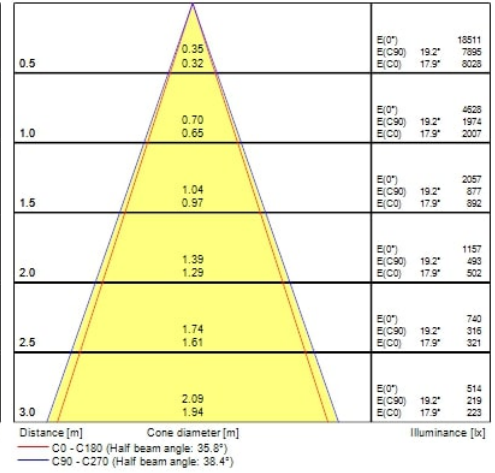
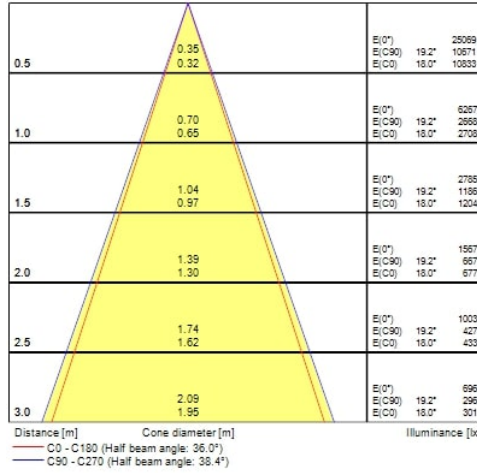
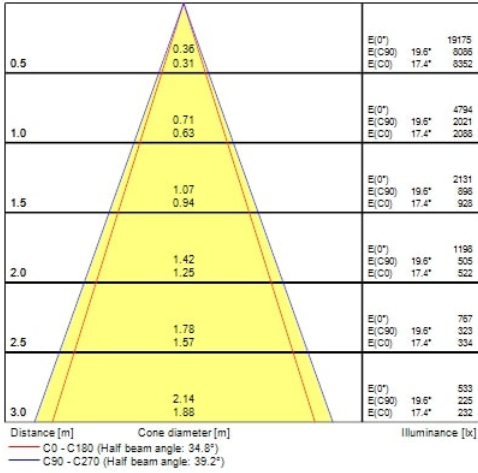
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.35 0.31	7832	19.1° 3382	17.1° 3431	
1.0	0.69 0.62	1958	19.1° 845	17.1° 852	
1.5	1.04 0.92	870	19.1° 378	17.1° 381	
2.0	1.39 1.23	490	19.1° 211	17.1° 214	
2.5	1.73 1.54	313	19.1° 135	17.1° 137	
3.0	2.08 1.85	218	19.1° 94	17.1° 95	

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 34.2°)
— C90 - C270 (Half beam angle: 38.2°)

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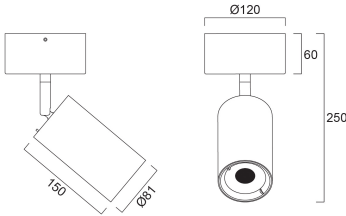


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Technical drawings



Data table

GENERAL DATA

Product name	PIXO SURFACE 3150LM 3CCT MB WB MULTIPOWER 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	4279903
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3150
Luminaire efficacy (lm/W)	117
Light colour	N/A
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Photobiological Risk Group	RG1

PIXO SURFACE 3150LM 3CCT MB WB MULTIPOWER WHITE 0004703

ELECTRICAL DATA

Total power consumption (W)	27
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
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	No
Dimming method	N/A
Inrush Current (A)	5.38
Inrush Duration (μ s)	32
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	29
Max. products per 16A C Breaker	47
Max. products per 16A B Breaker	47
Connectable conductor cross section - Max (mm ²)	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

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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	5410288047034
Packaging single length / height (cm)	21.5
Packaging single width (cm)	12.7
Packaging single depth (cm)	22.3
DUN14 (inner)	15410288047031
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