

Luminaire

Code 1728XX (TW 4000K)
Name 1728 (TW 4000K)
Line OFFSET - HIGH COMFORT DIFFUSER

Measurem.

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Source Data

Code	5753156	Correlated Color Temperature (CCT)	4000K	Q.ty	1
Name	1 LED x 10.4W 24 V	Color rendering index (CRI)	90		
Line					

Measurement data

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	16-10-2024	Maximum Gamma Angle	180°
Measurement Distance	3.85m	Measurement Flux	321.6 lm
Maximum	964.30 cd/klm	Position	C=0.0° G=0.0°
Remarks	This photometry has been performed using a bench power supply.		

Electrical Parameters

Channel 1		Channel 2	
Voltage	0.00 V	Voltage	24.00 V
Current	0.00 A	Current	0.54 A
Power	0.00 W	Power	12.96 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.00	Power Factor	0.00

Environmental Parameters

Temperature	25.2 °C	Air Speed	0.0 m/s
Humidity	45.0 %		

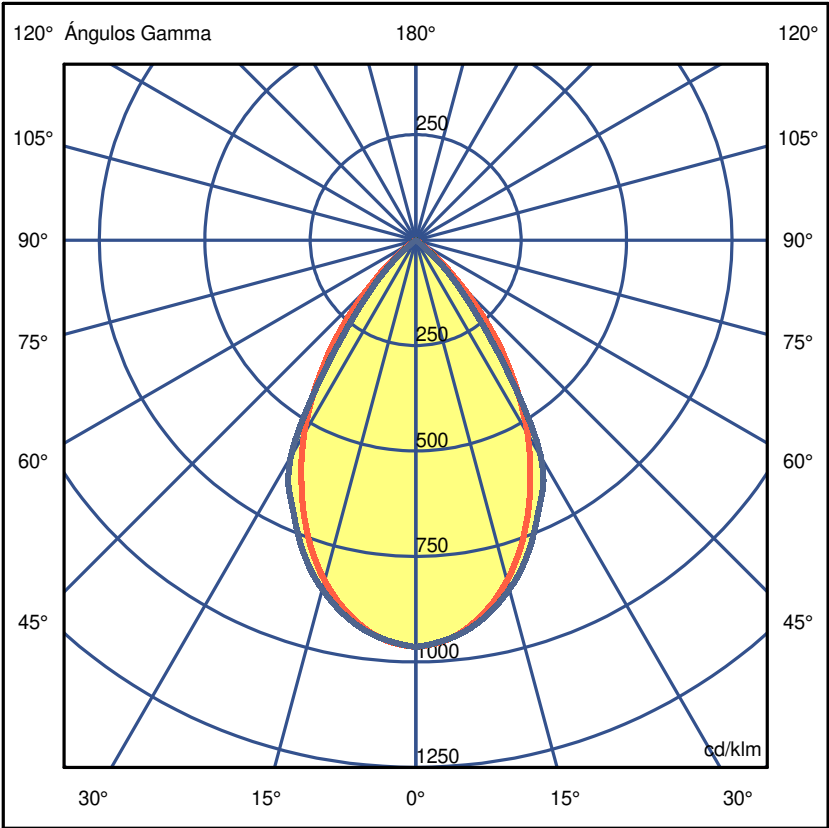
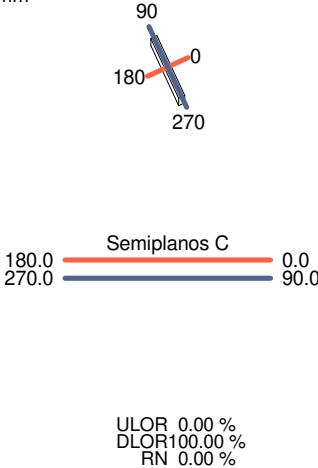
Luminaire Dimensions

Rectangular Luminaire	Length	400 mm	Width	40 mm	Height	70 mm
Rectangular Luminous Area	Length	11 mm	Width	250 mm	Height	0 mm
Horizontal Luminous Area	0.002750 m2		Emitting area on Plane 180°	0.000000 m2		
Emitting area on Plane 0°	0.000000 m2		Emitting area on Plane 270°	0.000000 m2		
Emitting area on Plane 90°	0.000000 m2		Glare area at 76°	0.000665 m2		

Photometric Assessment

Luminaire Flux	321.6 lm	Source Flux	321.6 lm
Efficacy	24.813 lm/W	Efficiency	100.0 %
CIE Flux Codes	90 100 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1

400mm x 40mm



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Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 90.00
G 0.0	964	964
G 5.0	947	947
G 10.0	902	912
G 15.0	835	857
G 20.0	747	784
G 25.0	642	695
G 30.0	529	593
G 35.0	405	377
G 40.0	279	209
G 45.0	155	108
G 50.0	67	33
G 55.0	15	0
G 60.0	5	0
G 65.0	2	0
G 70.0	0	0
G 75.0	0	0
G 80.0	0	0
G 85.0	0	0
G 90.0	0	0
G 95.0	0	0
G100.0	0	0
G105.0	0	0
G110.0	0	0
G115.0	0	0
G120.0	0	0
G125.0	0	0
G130.0	0	0
G135.0	0	0
G140.0	0	0
G145.0	0	0
G150.0	0	0
G155.0	0	0
G160.0	0	0
G165.0	0	0
G170.0	0	0
G175.0	0	0
G180.0	0	0

Luminaire

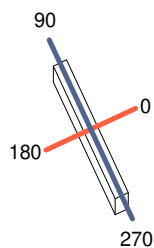
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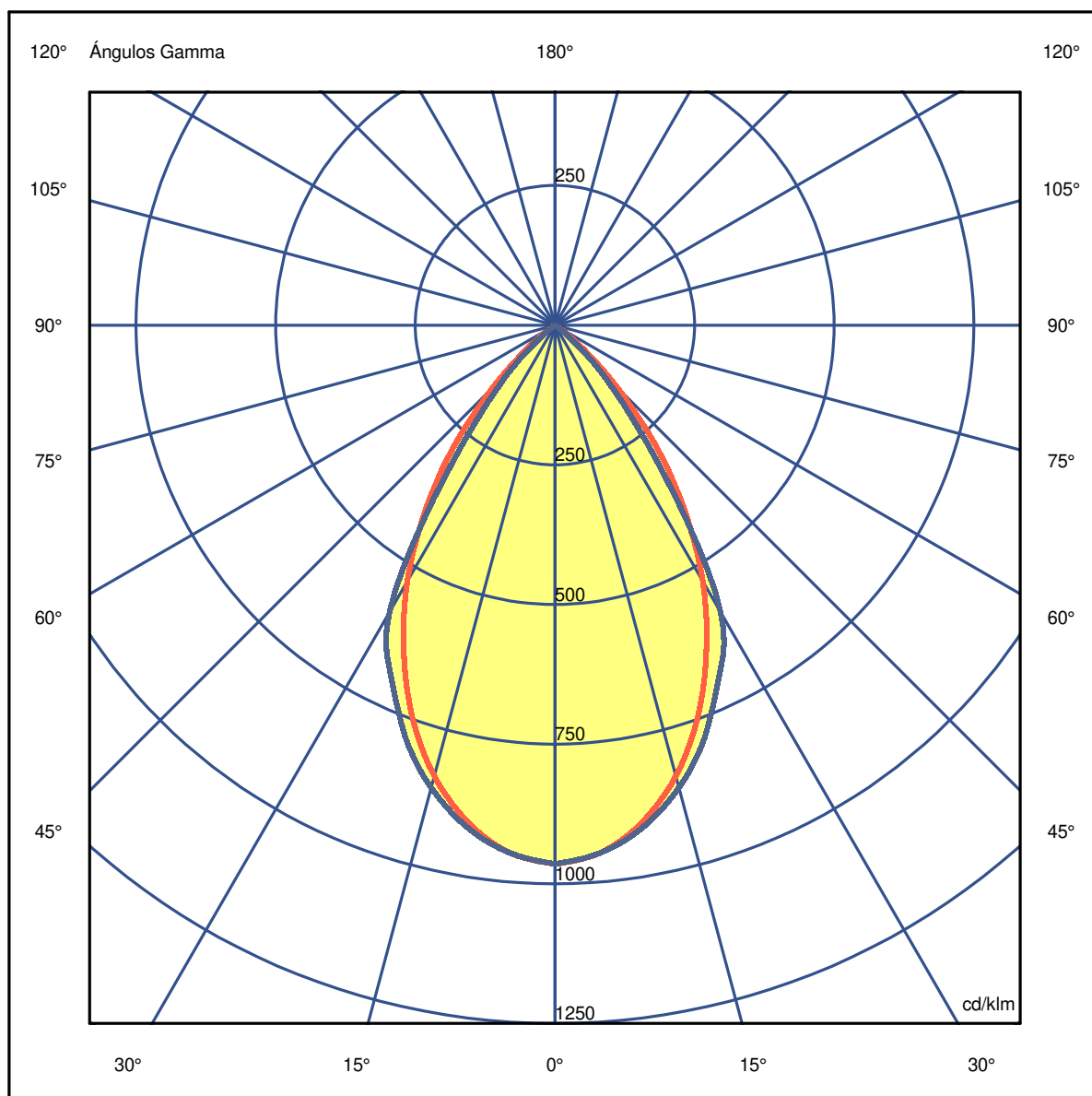
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400mm x 40mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0



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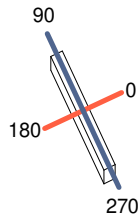
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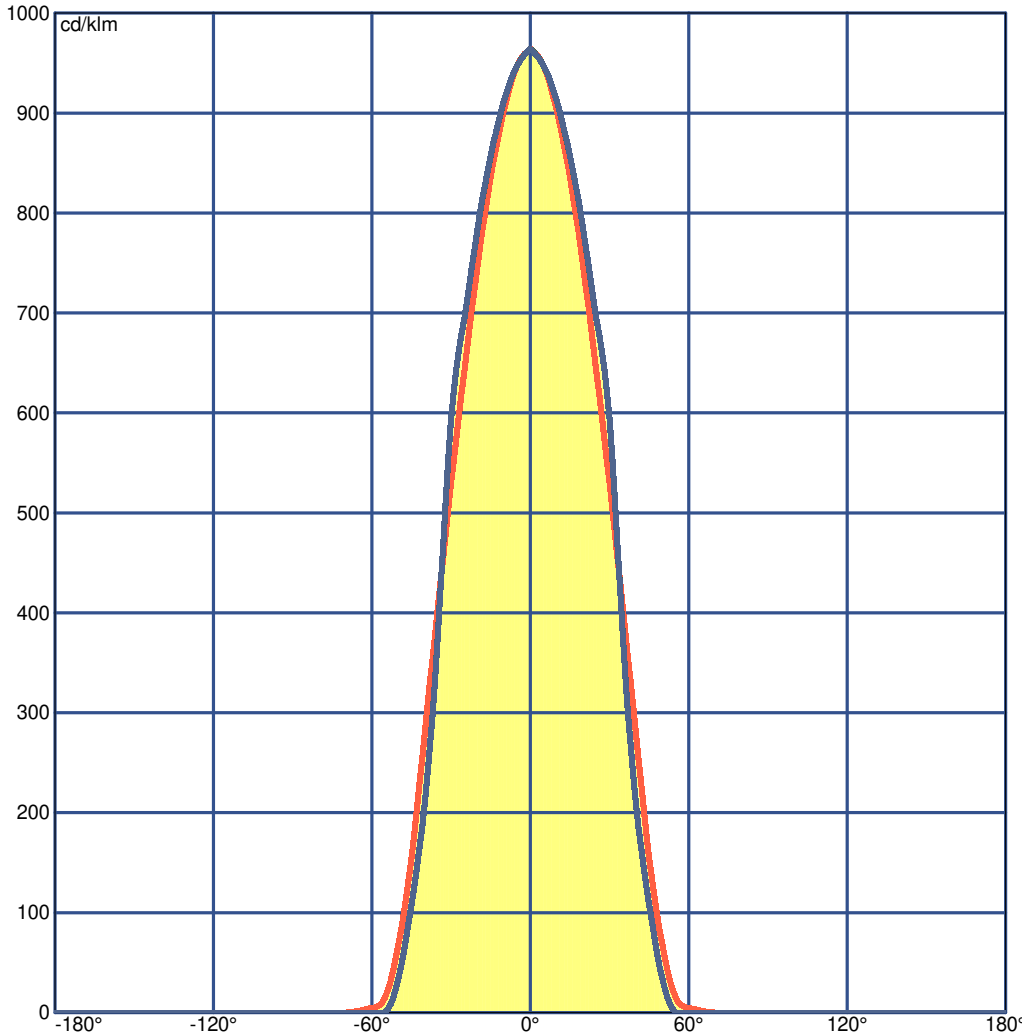
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UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	19.2	19.9	19.4	20.1	20.3	18.6	19.3	18.8	19.5	19.7
x=2H y=3H	19.0	19.7	19.3	19.9	20.2	18.4	19.1	18.7	19.3	19.6
x=2H y=4H	19.0	19.6	19.3	19.9	20.1	18.4	19.0	18.7	19.2	19.5
x=2H y=6H	18.9	19.5	19.2	19.8	20.0	18.3	18.9	18.6	19.1	19.4
x=2H y=8H	18.9	19.4	19.2	19.7	20.0	18.3	18.8	18.6	19.1	19.4
x=2H y=12H	18.8	19.4	19.2	19.7	20.0	18.2	18.8	18.6	19.1	19.4
x=4H y=2H	19.0	19.6	19.3	19.9	20.1	18.4	19.0	18.7	19.2	19.5
x=4H y=3H	18.8	19.4	19.2	19.7	20.0	18.2	18.8	18.6	19.1	19.4
x=4H y=4H	18.8	19.2	19.1	19.5	19.9	18.2	18.6	18.5	18.9	19.3
x=4H y=6H	18.7	19.1	19.1	19.4	19.8	18.1	18.5	18.5	18.8	19.2
x=4H y=8H	18.7	19.0	19.1	19.4	19.8	18.0	18.4	18.5	18.8	19.2
x=4H y=12H	18.6	18.9	19.0	19.3	19.7	18.0	18.3	18.4	18.7	19.1
x=8H y=4H	18.7	19.0	19.1	19.4	19.8	18.0	18.4	18.5	18.8	19.2
x=8H y=6H	18.6	18.8	19.0	19.3	19.7	18.0	18.2	18.4	18.6	19.1
x=8H y=8H	18.5	18.7	19.0	19.2	19.7	17.9	18.1	18.4	18.6	19.0
x=8H y=12H	18.5	18.7	19.0	19.1	19.6	17.9	18.0	18.3	18.5	19.0
x=12H y=4H	18.6	18.9	19.0	19.3	19.7	18.0	18.3	18.4	18.7	19.1
x=12H y=6H	18.5	18.7	19.0	19.2	19.7	17.9	18.1	18.4	18.6	19.0
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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

