

### Luminaire

Code 1728XX (3500K)  
Name 1728 (3500K)  
Line OFFSET - HIGH COMFORT DIFFUSER

### Measurem.

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### Source Data

Code 5753699	Correlated Color Temperature (CCT) 3500K	Q.ty 1
Name 1x LED STRIP 13.7W 650mA	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 611.1 lm
Maximum 1355.52 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 20.90 V
Current 0.00 A	Current 0.65 A
Power 0.00 W	Power 13.60 W
Frequency 0 Hz	Frequency 0 Hz
Power Factor 0.00	Power Factor 0.00

### Environmental Parameters

Temperature 25.1 °C	Air Speed 0.0 m/s
Humidity 49.2 %	

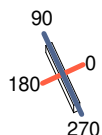
### Luminaire Dimensions

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

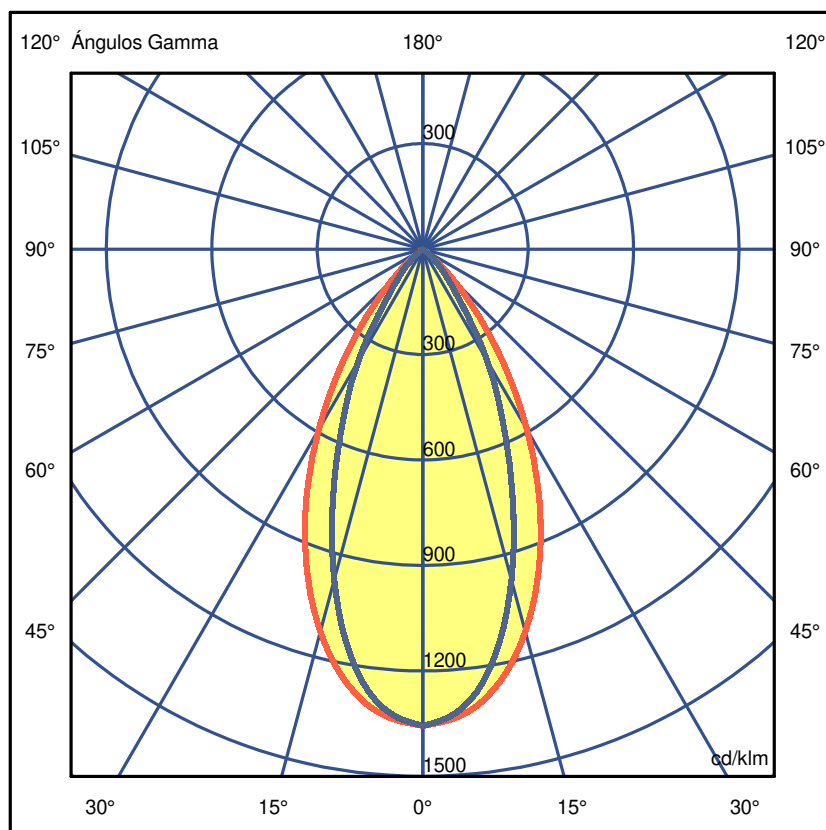
Luminaire Flux 611.1 lm	Source Flux 611.1 lm
Efficacy 44.933 lm/W	Efficiency 100.0 %
CIE Flux Codes 93 100 100 100 100	D DIN 5040 A60
F UTE 1.00 A	B NBN BZ 1

400mm x 40mm



Semiplanos C  
180.0 0.0  
270.0 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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Source Flux	611 lm	Maximum value	1355.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**Luminous Intensity Table cd/klm Table 1/1**

	C 0.00	C 90.00
G 0.0	1356	1356
G 5.0	1328	1309
G 10.0	1252	1177
G 15.0	1126	974
G 20.0	965	746
G 25.0	783	537
G 30.0	591	366
G 35.0	406	199
G 40.0	246	113
G 45.0	123	63
G 50.0	43	22
G 55.0	15	0
G 60.0	6	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

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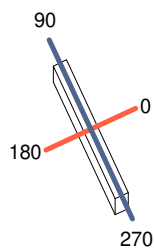
**Measurem.**

Code 1728XX (3500K)

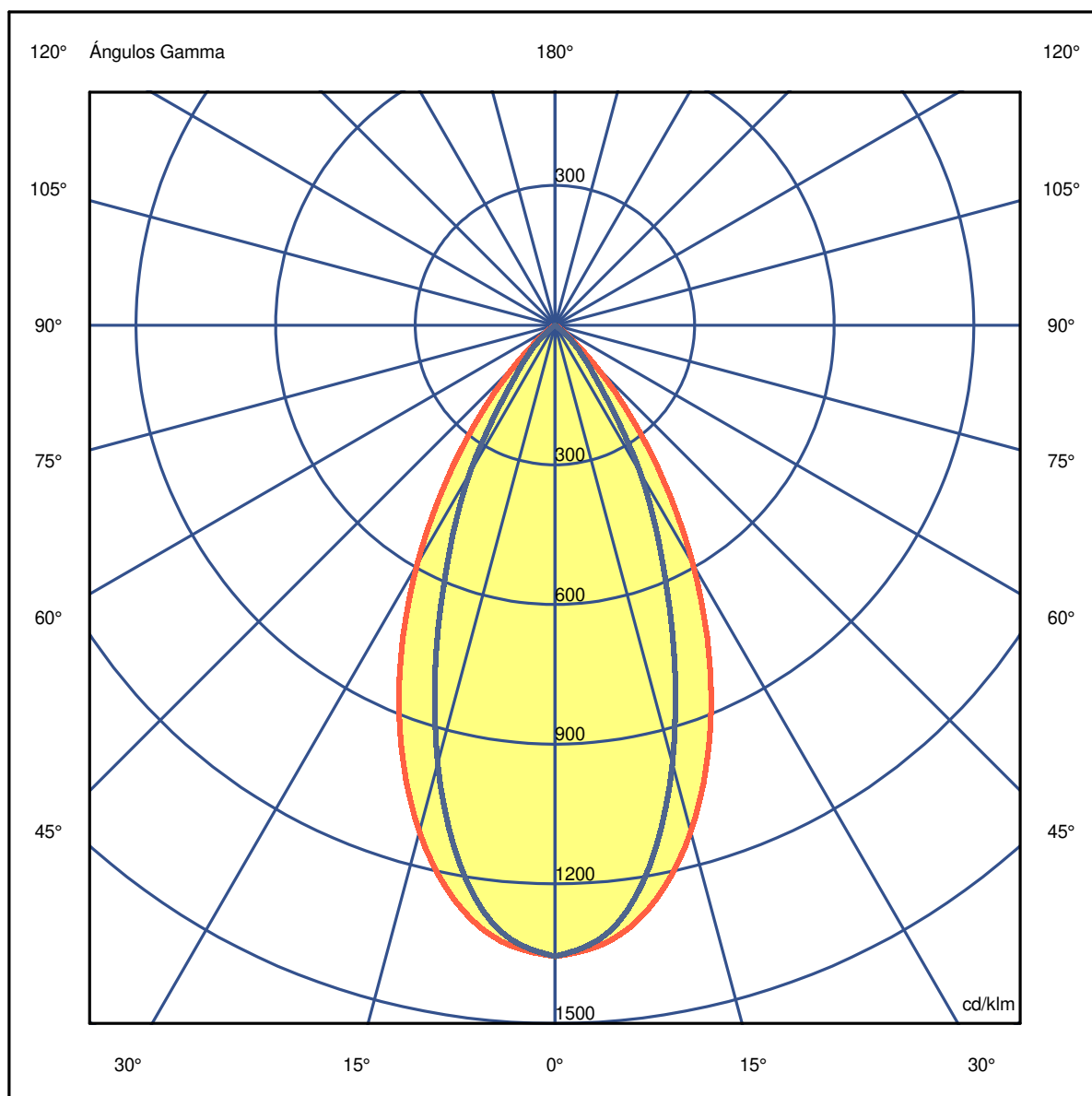
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Source Flux	611 lm	Maximum value	1355.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

400mm x 40mm



Semiplanos C

180.0 — 0.0  
270.0 — 90.0


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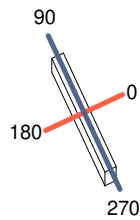
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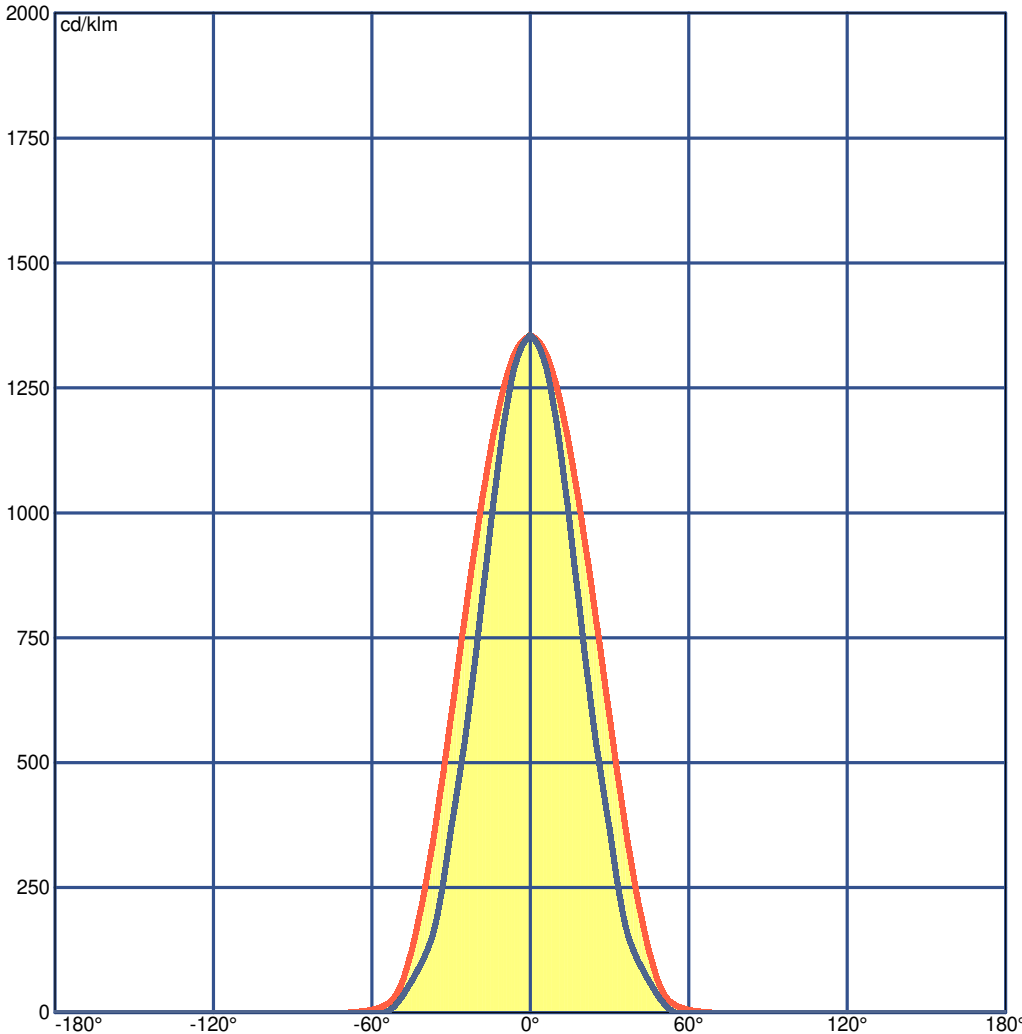
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Semiplanos C



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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	Lateral View					Viewed Endwise				
x=2H y=2H	20.4	21.1	20.6	21.3	21.5	17.8	18.5	18.1	18.7	18.9
x=2H y=3H	20.2	20.9	20.5	21.1	21.3	17.7	18.3	18.0	18.5	18.8
x=2H y=4H	20.1	20.7	20.4	21.0	21.2	17.6	18.2	17.9	18.5	18.7
x=2H y=6H	20.1	20.6	20.4	20.9	21.2	17.5	18.1	17.9	18.4	18.6
x=2H y=8H	20.0	20.6	20.4	20.9	21.2	17.5	18.0	17.8	18.3	18.6
x=2H y=12H	20.0	20.5	20.3	20.8	21.1	17.5	18.0	17.8	18.3	18.6
x=4H y=2H	20.1	20.7	20.4	21.0	21.2	17.6	18.2	17.9	18.5	18.7
x=4H y=3H	20.0	20.5	20.3	20.8	21.1	17.5	18.0	17.8	18.3	18.6
x=4H y=4H	19.9	20.3	20.3	20.7	21.0	17.4	17.8	17.8	18.2	18.5
x=4H y=6H	19.9	20.2	20.2	20.6	21.0	17.3	17.7	17.7	18.0	18.4
x=4H y=8H	19.8	20.1	20.2	20.5	20.9	17.3	17.6	17.7	18.0	18.4
x=4H y=12H	19.8	20.0	20.2	20.4	20.9	17.2	17.5	17.7	17.9	18.3
x=8H y=4H	19.8	20.1	20.2	20.5	20.9	17.3	17.6	17.7	18.0	18.4
x=8H y=6H	19.7	20.0	20.2	20.4	20.8	17.2	17.4	17.6	17.9	18.3
x=8H y=8H	19.7	19.9	20.1	20.3	20.8	17.1	17.4	17.6	17.8	18.3
x=8H y=12H	19.6	19.8	20.1	20.2	20.8	17.1	17.3	17.6	17.7	18.2
x=12H y=4H	19.8	20.0	20.2	20.4	20.9	17.2	17.5	17.7	17.9	18.3
x=12H y=6H	19.7	19.9	20.1	20.3	20.8	17.1	17.4	17.6	17.8	18.3
x=12H y=8H	19.6	19.8	20.1	20.2	20.8	17.1	17.3	17.6	17.7	18.2

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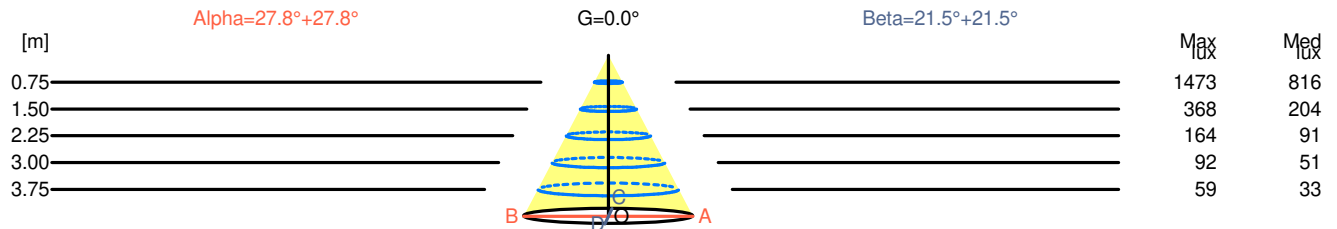
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Source Flux	611 lm	Maximum value	1355.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	0.75	1.50	2.25	3.00	3.75	H[m]	0.75	1.50	2.25	3.00	3.75
OA	0.39	0.79	1.18	1.58	1.97	OC	0.30	0.59	0.89	1.18	1.48
OB	0.39	0.79	1.18	1.58	1.97	OD	0.30	0.59	0.89	1.18	1.48

Luminous Intensities [ cd/klm]										
	0	5	15	25	35	45	55	65	75	85
OA	828.33	811.59	688.14	478.75	248.13	74.97	8.99	0.96	0.00	0.00
OB	828.33	811.59	688.14	478.75	248.13	74.97	8.99	0.96	0.00	0.00
OC	828.33	799.97	595.08	328.02	121.31	38.26	0.00	0.00	0.00	0.00
OD	828.33	799.97	595.08	328.02	121.31	38.26	0.00	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=27.8°+27.8°	G=0.0	
0.75	0.79	1473	816			
1.50	1.58	368	204			
2.25	2.37	164	91			
3.00	3.16	92	51			
3.75	3.95	59	33			

H[m]	D[m]	Max lux	Med lux	Beta=21.5°+21.5°	G=0.0	
0.75	0.59	1473	816			
1.50	1.18	368	204			
2.25	1.78	164	91			
3.00	2.37	92	51			
3.75	2.96	59	33			



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Isolux (Floor)

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

