

Luminaire

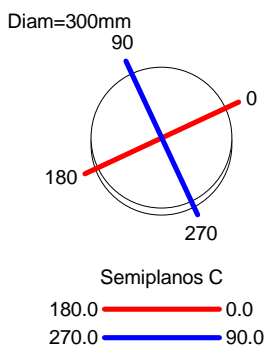
Code 5470
Name PUCK WALL ART LED

Measur.

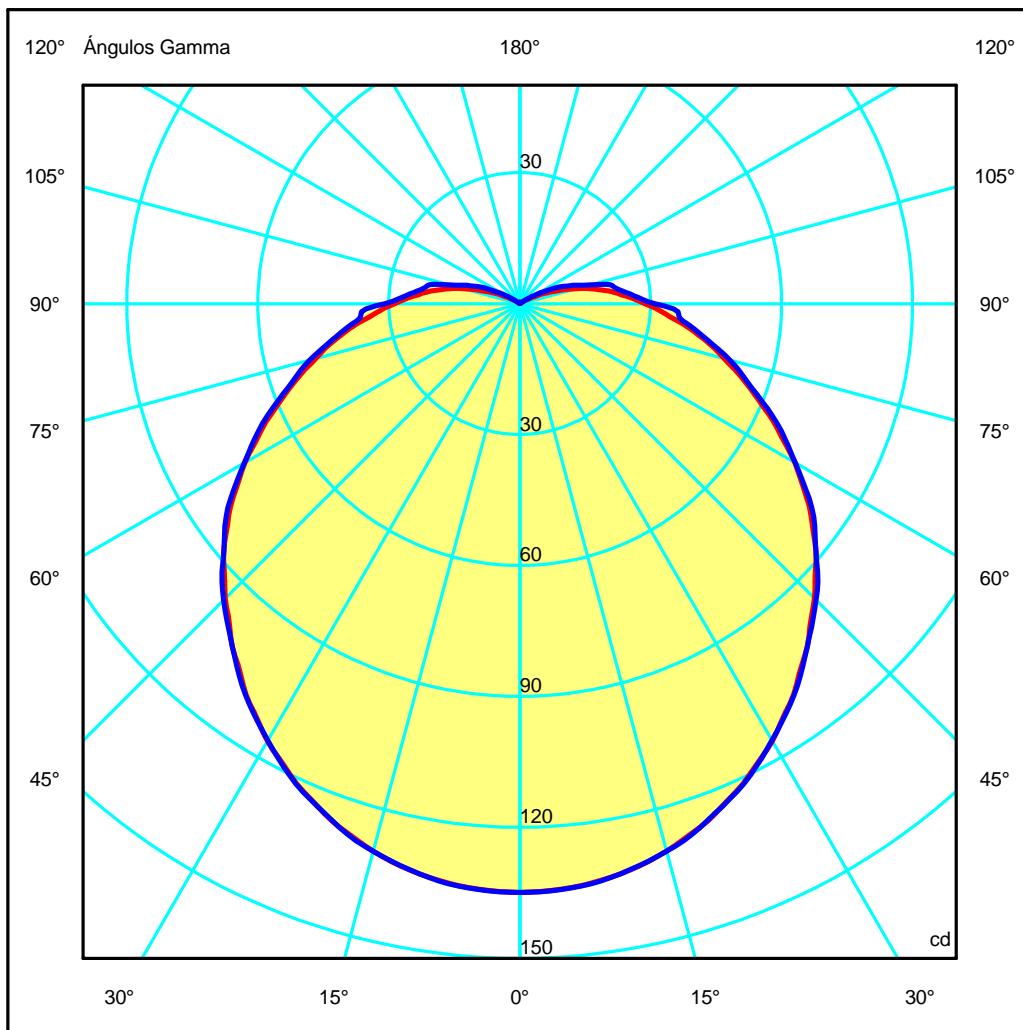
Code CL252A19F032G
Name 2700K CRI90

Luminaire Flux	525.86 lm	Luminaire Power	10.84 W	Efficacy	48.51 lm/W	Efficiency	100.00%
Sources Flux	525.86 lm	Maximum value	134.89 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	300 mm	Height	45 mm		
Round Luminous Area		Diam.	260 mm	Height	40 mm		
Horizontal Luminous Area		0.053093 m2		Emitting area on Plane 180°		0.010400 m2	
Emitting area on Plane 0°		0.010400 m2		Emitting area on Plane 270°		0.010400 m2	
Emitting area on Plane 90°		0.010400 m2		Glare area at 76°		0.022935 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		16-07-2019		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		525.86 lm	
Operator		ASSELUM		Rated Voltage		230.35 V	
Temperature		24.60 °C		Rated Current		0.06 A	
Humidity		52.90 %		Photocell		Prc	
Notes		RM19062503.3					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
PHILIPS LUMILED LUXEON 3014 250L		5751936		Name 1xLED 8,4W 700mA		525.86	10.84	1
C.I.E.	39 67 87 90 100			D DIN 5040 B NBN		B21 BZ 6		
F UTE	0.90 G + 0.10 T							



ULOR 9.71 %
DLOR 90.29 %
RN 9.71 %



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Luminous Intensity Table cd Table 1/1

	C 0.00	C 45.00	C 90.00
G 0.0	135	135	135
G 2.5	135	135	135
G 5.0	134	134	134
G 7.5	134	134	134
G 10.0	133	133	133
G 12.5	131	131	131
G 15.0	130	130	130
G 17.5	128	128	128
G 20.0	126	126	126
G 22.5	124	124	124
G 25.0	121	121	121
G 27.5	118	119	119
G 30.0	116	116	116
G 32.5	112	113	113
G 35.0	109	109	110
G 37.5	106	106	106
G 40.0	102	102	102
G 42.5	99	99	99
G 45.0	95	96	96
G 47.5	92	92	93
G 50.0	89	89	89
G 52.5	85	85	85
G 55.0	81	81	82
G 57.5	77	77	77
G 60.0	73	73	73
G 62.5	68	68	69
G 65.0	64	64	65
G 67.5	60	60	61
G 70.0	56	56	57
G 72.5	52	53	53
G 75.0	48	49	50
G 77.5	45	45	46
G 80.0	42	42	42
G 82.5	38	38	39
G 85.0	35	35	37
G 87.5	32	32	36
G 90.0	29	30	31
G 92.5	26	27	28
G 95.0	23	24	25
G 97.5	21	22	23
G100.0	18	20	22
G102.5	16	18	21
G105.0	13	16	16
G107.5	11	13	14
G110.0	8	11	12
G112.5	6	9	10
G115.0	4	7	8
G117.5	3	5	6
G120.0	1	3	4
G122.5	0	2	2
G125.0	0	0	1
G127.5	0	0	0
G130.0	0	0	0
G132.5	0	0	0
G135.0	0	0	0
G137.5	0	0	0
G140.0	0	0	0
G142.5	0	0	0
G145.0	0	0	0
G147.5	0	0	0
G150.0	0	0	0
G152.5	0	0	0
G155.0	0	0	0
G157.5	0	0	0
G160.0	0	0	0
G162.5	0	0	0
G165.0	0	0	0
G167.5	0	0	0
G170.0	0	0	0
G172.5	0	0	0
G175.0	0	0	0
G177.5	0	0	0
G180.0	0	0	0

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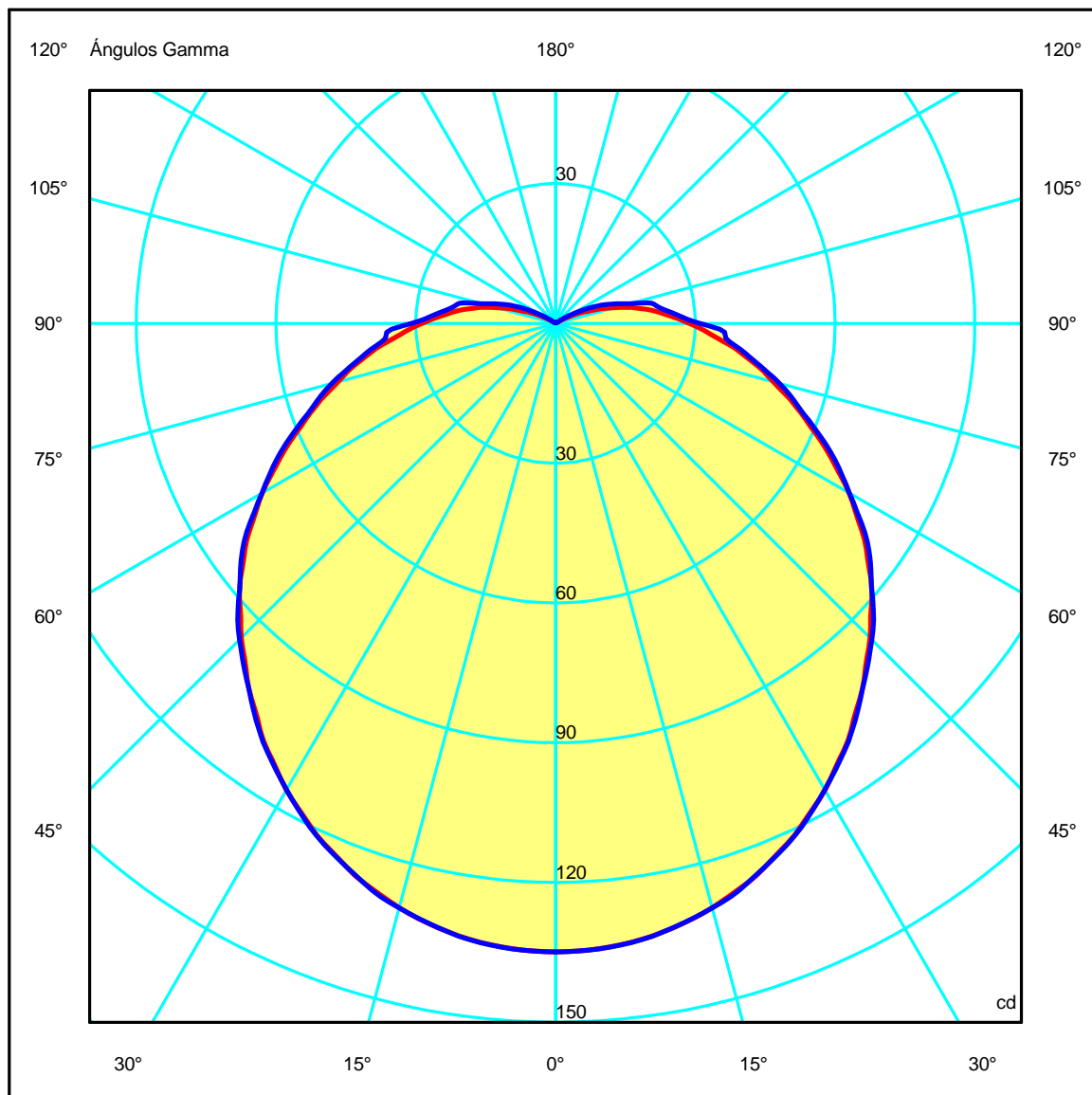
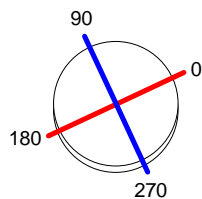
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Sources Flux	525.86 lm	Maximum value	134.89 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=300mm

Semiplanos C

180.0 — 0.0

270.0 — 90.0



Luminaire

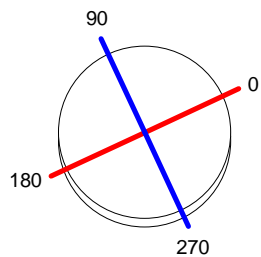
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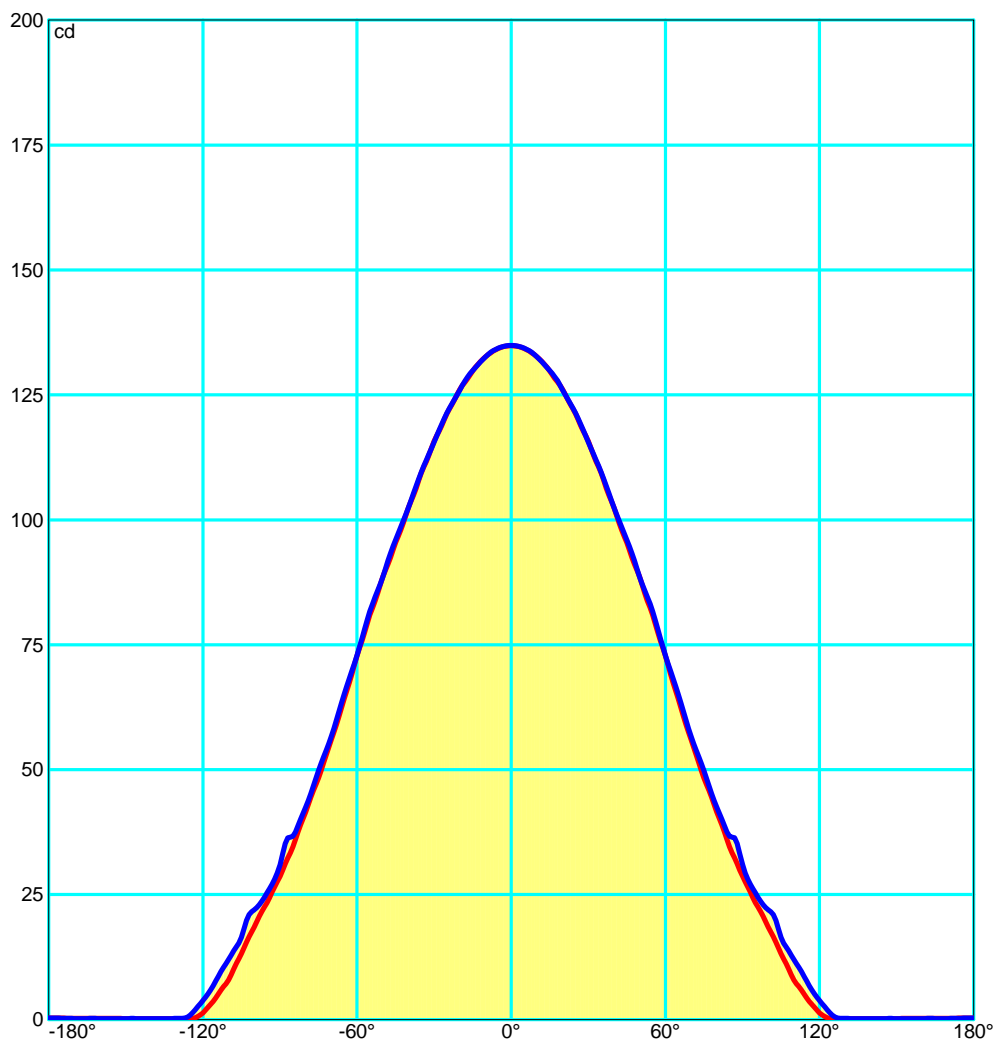
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Sources Flux	525.86 lm	Maximum value	134.89 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	14.3	15.6	14.7	16.0	16.4	14.3	15.6	14.7	16.0	16.5
x=2H y=3H	16.3	17.5	16.7	17.9	18.4	16.3	17.5	16.8	18.0	18.4
x=2H y=4H	17.3	18.4	17.8	18.9	19.4	17.4	18.5	17.8	19.0	19.5
x=2H y=6H	18.3	19.4	18.8	19.8	20.4	18.4	19.4	18.9	19.9	20.4
x=2H y=8H	18.8	19.8	19.3	20.3	20.8	18.9	19.9	19.4	20.4	20.9
x=2H y=12H	19.2	20.2	19.8	20.7	21.3	19.4	20.3	19.9	20.8	21.4
x=4H y=2H	15.1	16.3	15.6	16.7	17.2	15.1	16.3	15.6	16.7	17.2
x=4H y=3H	17.3	18.3	17.8	18.8	19.4	17.4	18.3	17.9	18.8	19.4
x=4H y=4H	18.5	19.4	19.0	19.9	20.5	18.5	19.4	19.1	19.9	20.5
x=4H y=6H	19.6	20.4	20.2	21.0	21.6	19.7	20.5	20.3	21.1	21.7
x=4H y=8H	20.2	20.9	20.8	21.5	22.1	20.3	21.0	20.9	21.6	22.2
x=4H y=12H	20.8	21.5	21.4	22.0	22.7	20.9	21.6	21.5	22.2	22.8
x=8H y=4H	19.0	19.7	19.6	20.3	20.9	19.1	19.8	19.6	20.4	21.0
x=8H y=6H	20.4	21.0	21.0	21.6	22.3	20.5	21.1	21.1	21.7	22.3
x=8H y=8H	21.1	21.7	21.7	22.3	23.0	21.2	21.8	21.8	22.4	23.1
x=8H y=12H	21.8	22.3	22.5	23.0	23.7	22.0	22.4	22.6	23.1	23.8
x=12H y=4H	19.1	19.8	19.7	20.4	21.0	19.1	19.8	19.7	20.4	21.0
x=12H y=6H	20.6	21.1	21.2	21.7	22.4	20.6	21.2	21.3	21.8	22.5
x=12H y=8H	21.4	21.9	22.0	22.5	23.2	21.5	21.9	22.1	22.6	23.3

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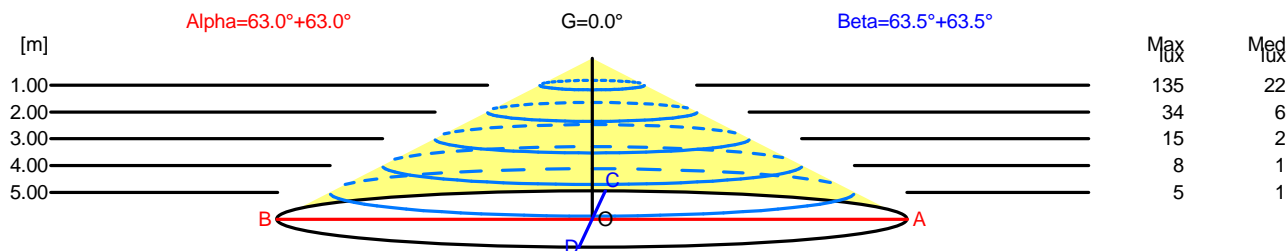
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Sources Flux	525.86 lm	Maximum value	134.89 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.96	3.92	5.88	7.84	9.80	OC	2.00	4.01	6.01	8.02	10.02
OB	1.96	3.92	5.88	7.84	9.80	OD	2.00	4.01	6.01	8.02	10.02

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	134.89	134.32	129.83	121.22	109.36	95.46	80.92	64.18	48.35	34.58
OB	134.89	134.32	129.83	121.22	109.36	95.46	80.92	64.18	48.35	34.58
OC	134.89	134.35	129.86	121.36	109.54	95.97	81.66	65.07	49.79	36.68
OD	134.89	134.35	129.86	121.36	109.54	95.97	81.66	65.07	49.79	36.68



H[m]	D[m]	Max lux	Med lux	Alpha=63.0°+63.0°	G=0.0	
1.00	3.92	135	22			
2.00	7.84	34	6			
3.00	11.75	15	2			
4.00	15.67	8	1			
5.00	19.59	5	1			

H[m]	D[m]	Max lux	Med lux	Beta=63.5°+63.5°	G=0.0	
1.00	4.01	135	22			
2.00	8.02	34	6			
3.00	12.03	15	2			
4.00	16.04	8	1			
5.00	20.05	5	1			

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Flujo Total=525.86 Flujo Luminaria=525.86

Flujo Zonal por 1000 Lúmenes

Códigos de Flujo C.I.E.
39 67 87 90 100

The graph illustrates the relationship between displacement (Y) and force (ZF). The curve shows a non-linear increase in force with displacement, characteristic of a material's load-displacement behavior. The area under the curve is shaded yellow, representing the energy absorbed by the material during the test.

Flujo Zonal				
Gamma °	Flujo	Suma Im	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.12	6.12	0.61 %	0.61 %
10°	18.16	24.28	1.82 %	2.43 %
15°	29.61	53.89	2.96 %	5.39 %
20°	40.10	93.99	4.01 %	9.40 %
25°	49.29	143.28	4.93 %	14.33 %
30°	56.99	200.27	5.70 %	20.03 %
35°	62.98	263.24	6.30 %	26.32 %
40°	67.16	330.40	6.72 %	33.04 %
45°	69.72	400.12	6.97 %	40.01 %
50°	70.77	470.88	7.08 %	47.09 %
55°	70.20	541.08	7.02 %	54.11 %
60°	67.64	608.72	6.76 %	60.87 %
65°	63.34	672.06	6.33 %	67.21 %
70°	58.01	730.07	5.80 %	73.01 %
75°	52.33	782.40	5.23 %	78.24 %
80°	46.27	828.67	4.63 %	82.87 %
85°	39.98	868.65	4.00 %	86.87 %
90°	34.28	902.93	3.43 %	90.29 %
95°	28.05	930.98	2.80 %	93.10 %
100°	22.85	953.84	2.29 %	95.38 %
105°	18.33	972.17	1.83 %	97.22 %
110°	12.79	984.95	1.28 %	98.50 %
115°	8.24	993.20	0.82 %	99.32 %
120°	4.29	997.49	0.43 %	99.75 %
125°	1.40	998.89	0.14 %	99.89 %
130°	0.24	999.13	0.02 %	99.91 %
135°	0.16	999.28	0.02 %	99.93 %
140°	0.14	999.42	0.01 %	99.94 %
145°	0.12	999.55	0.01 %	99.95 %
150°	0.11	999.66	0.01 %	99.97 %
155°	0.10	999.76	0.01 %	99.98 %
160°	0.08	999.84	0.01 %	99.98 %
165°	0.06	999.91	0.01 %	99.99 %
170°	0.05	999.95	0.00 %	100.00 %
175°	0.03	999.99	0.00 %	100.00 %
180°	0.01	1000.00	0.00 %	100.00 %

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Isolux (Floor)

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

