

Luminaire

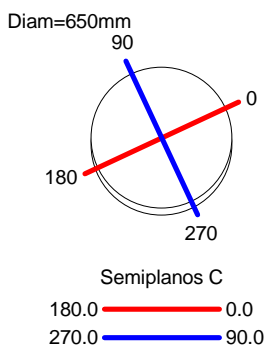
Code 5476
Name PUCK WALL ART LED

Measur.

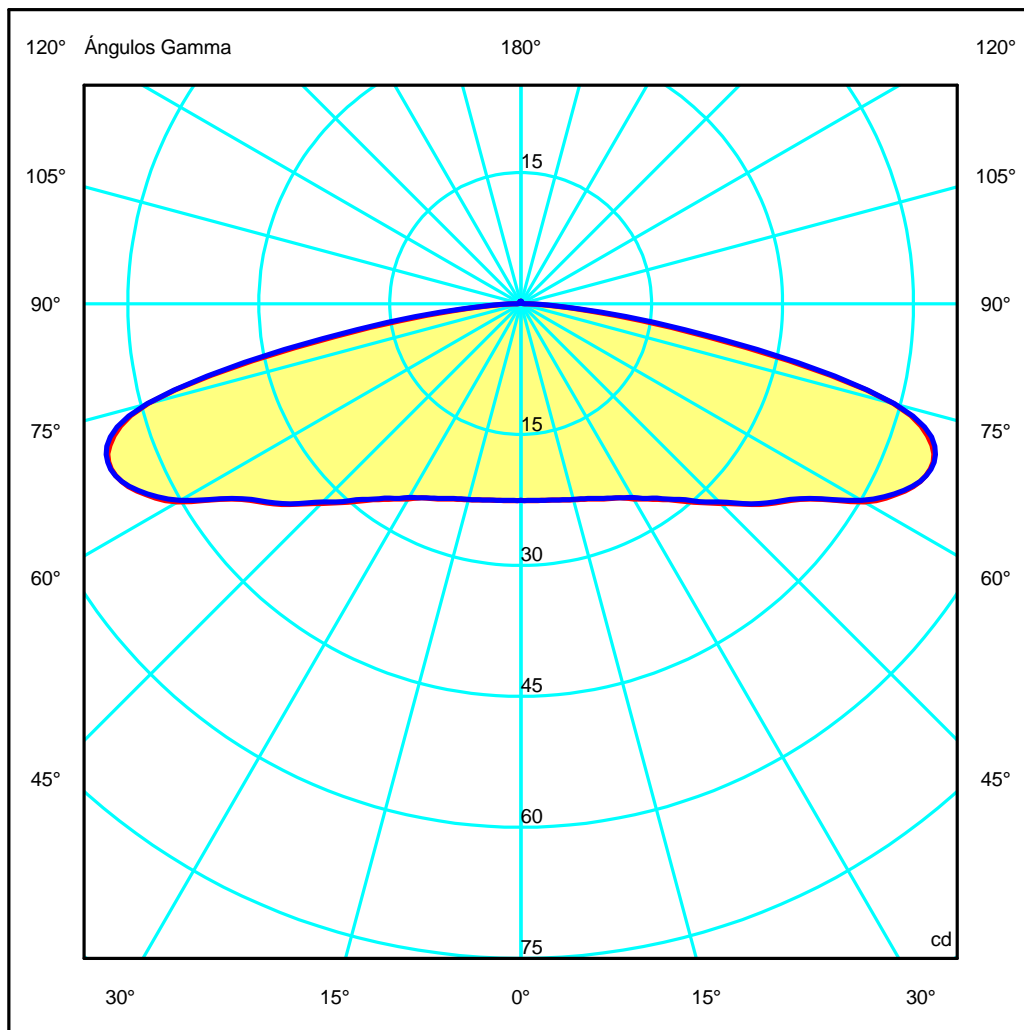
Code CL252A19F036G
Name 2700K CRI90

Luminaire Flux	200.70 lm	Luminaire Power	14.76 W	Efficacy	13.60 lm/W	Efficiency	100.00%
Sources Flux	200.70 lm	Maximum value	50.94 cd	Position	C=45.00 G=70.00	CG	Double Symmetrical
Round Luminaire		Diam.	650 mm	Height	65 mm		
Round Luminous Area		Diam.	400 mm	Height	0 mm		
Horizontal Luminous Area		0.125664 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°		0.030401 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		17-07-2019		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		200.70 lm	
Operator		ASSELUM		Rated Voltage		230.17 V	
Temperature		25.10 °C		Rated Current		0.07 A	
Humidity		59.10 %		Photocell		Prc	
Notes		RM19062503.1; RM19062503.2					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
PHILIPS LUMILED LUXEON 3014 250L		5751936 + 5751951		1xLED 12,6W 700mA		200.70	14.76	1
C.I.E.	20 49 88 99 100			D DIN 5040		A11		
F UTE	0.99 J + 0.01 T			B NBN		BZ 9 / 1 / BZ 8 / 2 / BZ 7 / 3 / BZ 6		



ULOR 0.63 %
DLOR 99.37 %
RN 0.63 %



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Luminous Intensity Table cd Table 1/1

	C 0.00	C 45.00	C 90.00
G 0.0	23	23	23
G 2.5	23	23	23
G 5.0	23	23	23
G 7.5	23	23	23
G 10.0	23	23	23
G 12.5	23	23	23
G 15.0	23	23	23
G 17.5	23	24	23
G 20.0	24	24	24
G 22.5	24	24	24
G 25.0	25	25	25
G 27.5	25	25	25
G 30.0	26	26	26
G 32.5	27	26	26
G 35.0	27	27	27
G 37.5	28	28	28
G 40.0	30	29	29
G 42.5	31	31	31
G 45.0	32	32	32
G 47.5	34	34	34
G 50.0	36	36	36
G 52.5	37	37	37
G 55.0	39	39	39
G 57.5	42	42	42
G 60.0	45	45	45
G 62.5	48	48	48
G 65.0	50	50	49
G 67.5	51	51	51
G 70.0	50	51	51
G 72.5	48	49	49
G 75.0	44	45	44
G 77.5	34	36	35
G 80.0	22	24	23
G 82.5	12	13	14
G 85.0	6	5	7
G 87.5	2	1	3
G 90.0	0	0	0
G 92.5	0	0	0
G 95.0	0	0	0
G 97.5	0	0	0
G100.0	0	0	0
G102.5	0	0	0
G105.0	0	0	0
G107.5	0	0	0
G110.0	0	0	0
G112.5	0	0	0
G115.0	0	0	0
G117.5	0	0	0
G120.0	0	0	0
G122.5	0	0	0
G125.0	0	0	0
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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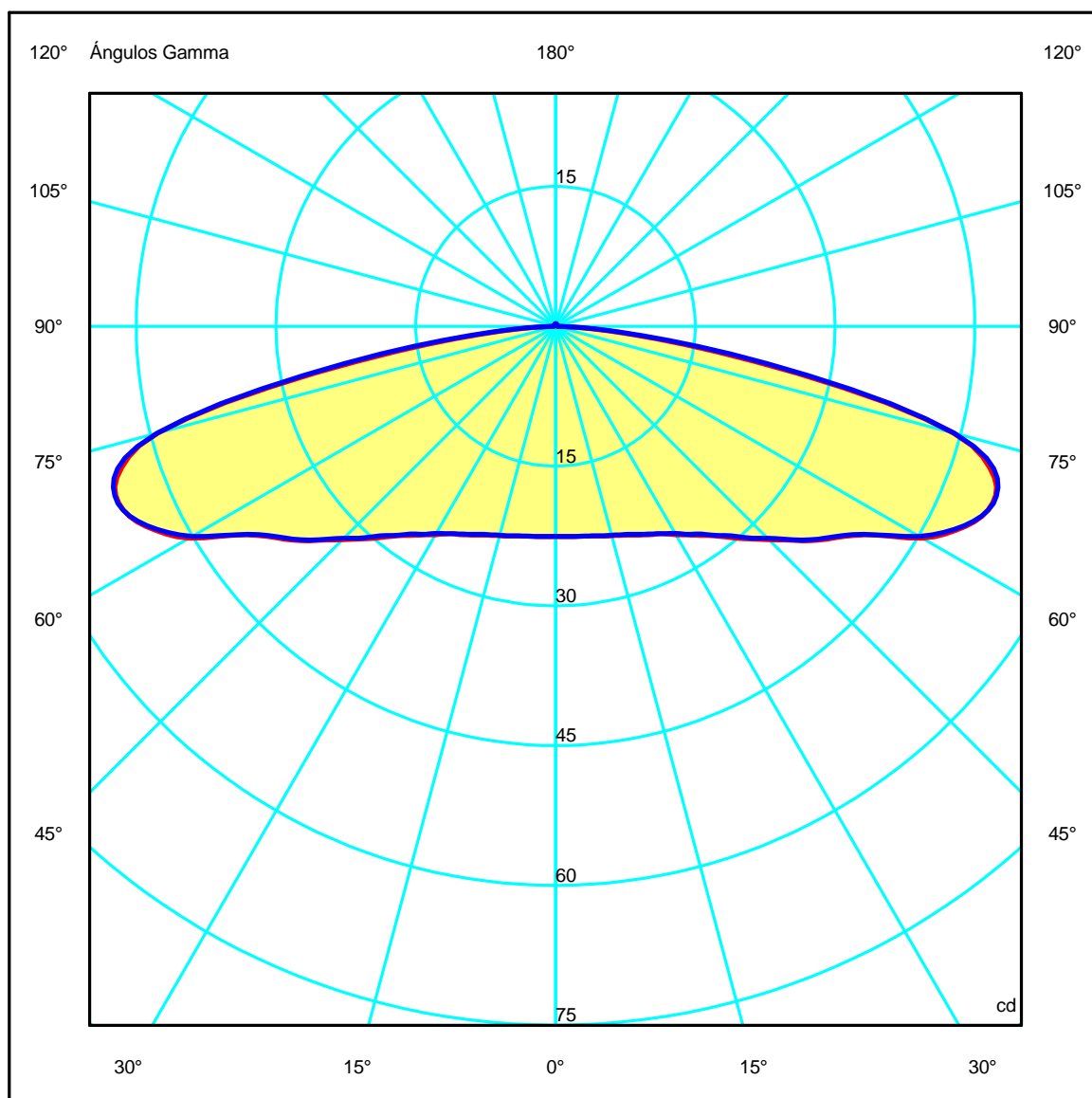
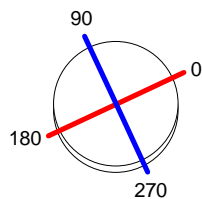
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Sources Flux	200.70 lm	Maximum value	50.94 cd	Position	C=45.00 G=70.00	CG	Double Symmetrical

Diam=650mm

Semiplanos C

180.0 ——— 0.0

270.0 ——— 90.0



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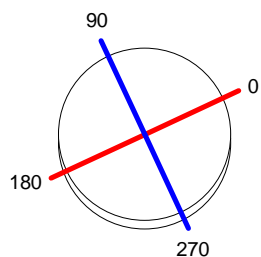
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UGR
S = 0.250

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
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	11.6	13.4	11.9	13.6	13.9	11.6	13.3	11.9	13.6	13.9
x=2H y=3H	15.7	17.4	16.1	17.7	18.0	15.7	17.4	16.1	17.7	18.0
x=2H y=4H	17.5	19.1	17.9	19.4	19.7	17.5	19.1	17.9	19.4	19.7
x=2H y=6H	18.5	19.9	18.9	20.3	20.6	18.5	20.0	18.9	20.3	20.7
x=2H y=8H	18.7	20.0	19.1	20.4	20.7	18.8	20.1	19.2	20.5	20.8
x=2H y=12H	18.7	20.0	19.1	20.4	20.8	18.8	20.2	19.2	20.5	20.9
x=4H y=2H	13.2	14.8	13.6	15.1	15.4	13.2	14.8	13.6	15.1	15.4
x=4H y=3H	17.3	18.6	17.7	19.0	19.3	17.3	18.6	17.7	19.0	19.4
x=4H y=4H	19.1	20.3	19.5	20.7	21.1	19.1	20.3	19.5	20.7	21.1
x=4H y=6H	20.1	21.2	20.6	21.6	22.0	20.2	21.3	20.6	21.6	22.1
x=4H y=8H	20.3	21.3	20.8	21.7	22.2	20.4	21.4	20.9	21.8	22.3
x=4H y=12H	20.4	21.3	20.9	21.7	22.2	20.5	21.4	21.0	21.9	22.3
x=8H y=4H	19.8	20.8	20.3	21.2	21.7	19.8	20.8	20.3	21.2	21.7
x=8H y=6H	20.9	21.8	21.4	22.2	22.7	21.0	21.8	21.5	22.3	22.7
x=8H y=8H	21.2	21.9	21.7	22.4	22.9	21.3	22.0	21.8	22.5	23.0
x=8H y=12H	21.3	21.9	21.8	22.4	22.9	21.4	22.0	21.9	22.5	23.0
x=12H y=4H	19.9	20.8	20.4	21.2	21.7	19.9	20.8	20.4	21.2	21.7
x=12H y=6H	21.0	21.8	21.5	22.2	22.7	21.1	21.8	21.6	22.3	22.8
x=12H y=8H	21.3	21.9	21.8	22.4	22.9	21.4	22.0	21.9	22.5	23.0

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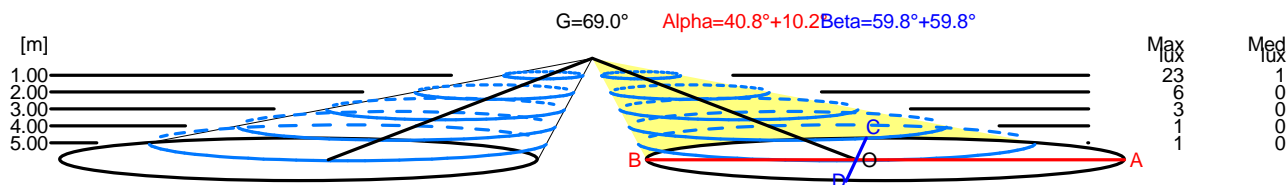
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Sources Flux	200.70 lm	Maximum value	50.94 cd	Position	C=45.00 G=70.00	CG	Double Symmetrical

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	2.65	5.29	7.94	10.59	13.24	OC	4.79	9.58	14.37	19.16	23.95
OB	2.07	4.14	6.20	8.27	10.34	OD	4.79	9.58	14.37	19.16	23.95

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	22.54	22.64	23.26	24.63	27.38	32.37	39.10	49.60	44.17	5.74
OB	22.54	22.64	23.26	24.63	27.38	32.37	39.10	49.60	44.17	5.74
OC	22.54	22.61	23.20	24.56	27.21	32.14	38.94	49.48	44.32	6.74
OD	22.54	22.61	23.20	24.56	27.21	32.14	38.94	49.48	44.32	6.74



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+10.2°	G=69.0
1.00	4.72	23	1		
2.00	9.43	6	0		
3.00	14.15	3	0		
4.00	18.86	1	0		
5.00	23.58	1	0		

H[m]	D[m]	Max lux	Med lux	Beta=59.8°+59.8°	G=0.0
1.00	9.58	23	1		
2.00	19.16	6	0		
3.00	28.74	3	0		
4.00	38.31	1	0		
5.00	47.89	1	0		

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Measurement

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Sources Flux	200.70 lm	Maximum value	50.94 cd	Position	C=45.00 G=70.00	CG Double Symmetrical	

Flujo Total=200.70 Flujo Luminaria=200.70

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.14	0.19	0.25	0.32	0.38	0.49	0.57	0.63	0.71	0.77	0.89	0.96
RC	9	9	9	9	9	8	8	8	8	7	7	6

Flujo Zonal por 1000 Lúmenes

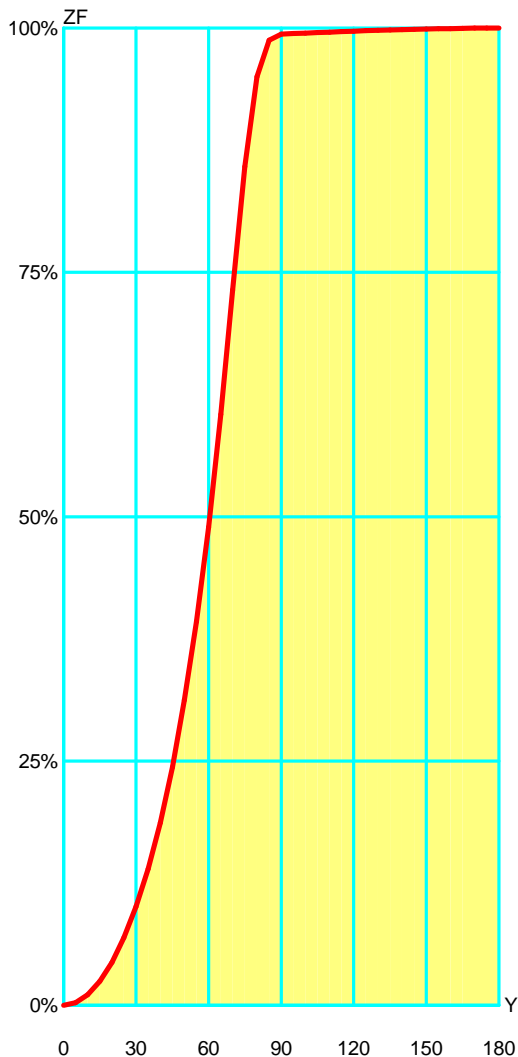
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	11	44	101	187	312	489	732	950	994	995	996	997	998	998	999	1000	1000	1000

Códigos de Flujo C.I.E.

20 49 88 99 100

C.I.E. 9/9/9/9/8/8/8/7/7/6
D DIN 5040 A11
F UTE 0.99 J + 0.01 T
B NBN BZ 9 / 1 / BZ 8 / 2 / BZ 7 / 3 / BZ 6
RN 0.62836 %
BLF 1.0

LOR 100.00000 %
ULOR 0.62836 %
DLOR 99.37164 %
UFF 0.62836 %
DFF 99.37164 %
FFR 0.63233 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	2.69	2.69	0.27 %	0.27 %
10°	8.11	10.80	0.81 %	1.08 %
15°	13.62	24.42	1.36 %	2.44 %
20°	19.31	43.73	1.93 %	4.37 %
25°	25.28	69.01	2.53 %	6.90 %
30°	31.71	100.73	3.17 %	10.07 %
35°	38.87	139.60	3.89 %	13.96 %
40°	47.14	186.74	4.71 %	18.67 %
45°	56.92	243.67	5.69 %	24.37 %
50°	68.41	312.07	6.84 %	31.21 %
55°	80.79	392.86	8.08 %	39.29 %
60°	96.63	489.49	9.66 %	48.95 %
65°	115.10	604.59	11.51 %	60.46 %
70°	127.33	731.92	12.73 %	73.19 %
75°	126.14	858.05	12.61 %	85.81 %
80°	92.11	950.16	9.21 %	95.02 %
85°	37.30	987.46	3.73 %	98.75 %
90°	6.25	993.72	0.63 %	99.37 %
95°	0.62	994.34	0.06 %	99.43 %
100°	0.53	994.87	0.05 %	99.49 %
105°	0.52	995.39	0.05 %	99.54 %
110°	0.51	995.90	0.05 %	99.59 %
115°	0.49	996.39	0.05 %	99.64 %
120°	0.48	996.87	0.05 %	99.69 %
125°	0.45	997.32	0.04 %	99.73 %
130°	0.40	997.72	0.04 %	99.77 %
135°	0.38	998.10	0.04 %	99.81 %
140°	0.35	998.44	0.03 %	99.84 %
145°	0.31	998.76	0.03 %	99.88 %
150°	0.28	999.04	0.03 %	99.90 %
155°	0.26	999.30	0.03 %	99.93 %
160°	0.24	999.53	0.02 %	99.95 %
165°	0.20	999.73	0.02 %	99.97 %
170°	0.15	999.87	0.01 %	99.99 %
175°	0.10	999.97	0.01 %	100.00 %
180°	0.03	1000.00	0.00 %	100.00 %

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Isolux (Floor)

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

