

Luminaire

Code 4537
Name PALO ALTO 4537 CON UGR

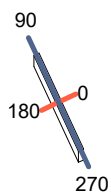
Measurem.

Code (S)CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4537 CON UGR

Luminaire Flux	1972.11 lm	Luminaire Power	28.00 W	Efficacy	70.43 lm/W	Efficiency	100.00%
Sources Flux	1972.11 lm	Maximum value	3928.92 cd	Position	C=0.00 G=0.00	CG	Asymmetrical
Rectangular Luminaire		Length	1690 mm	Width	90 mm	Height	45 mm
Rectangular Luminous Area		Length	1060 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.042400 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°		0.010257 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		22-10-2021		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		1972.11 lm	
Operator		Asselum T2		Rated Voltage			
Temperature		25.10 °C		Rated Current			
Humidity		53.10 %		Photocell			
Notes						Prc	

Luminaire Sources						
Line		Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
				1972.11	28.00	1
C.I.E.	75 97 100 100 100		D DIN 5040	A60		
F UTE	1.00 B		B NBN	BZ 1		

1690mm x 90mm



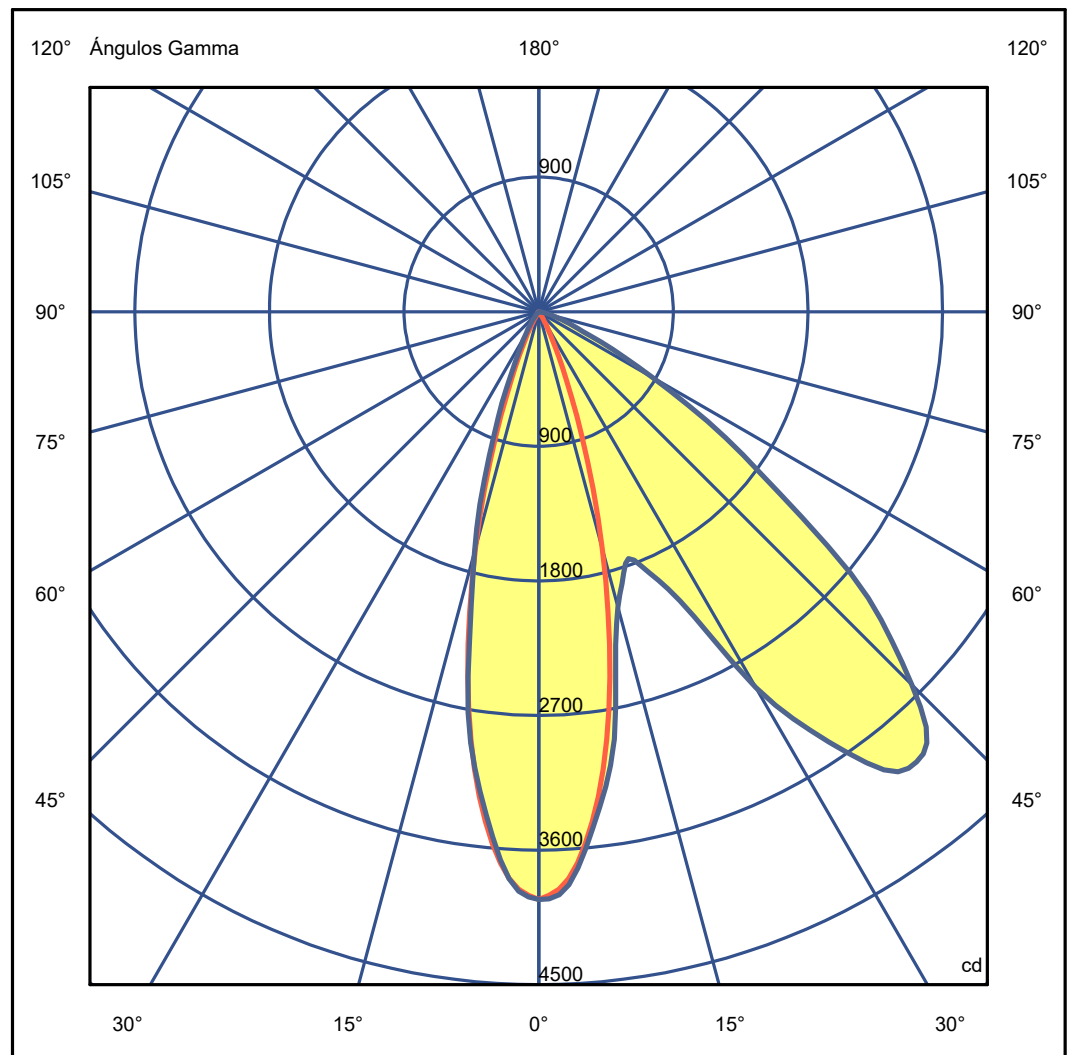
Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 0.05 %

DLOR 99.95 %

RN 0.05 %



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Measurement

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Luminaire Flux		1972.11 lm		Luminaire Power		28.00 W		Efficacy		70.43 lm/W		Efficiency		100.00%	
Sources Flux		1972.11 lm		Maximum value		3928.92 cd		Position		C=0.00 G=0.00		CG Asymmetrical			
Luminous Intensity Table cd Table 1/2															
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00		
G 0.0	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92
G 2.5	3832.85	3839.81	3850.91	3861.20	3868.08	3872.26	3874.17	3872.27	3868.10	3861.19	3850.82	3839.63	3832.58	3832.58	3832.58
G 5.0	3570.78	3589.17	3607.22	3609.51	3603.78	3600.62	3601.25	3600.61	3603.80	3609.61	3607.30	3588.96	3570.26	3570.26	3570.26
G 7.5	3179.19	3209.94	3227.70	3212.03	3218.36	3252.59	3272.09	3252.59	3218.32	3212.00	3227.87	3209.79	3178.48	3178.48	3178.48
G 10.0	2696.61	2748.88	2735.96	2720.60	2810.96	2879.67	2902.07	2879.68	2810.98	2720.54	2736.04	2748.80	2695.86	2695.86	2695.86
G 12.5	2166.53	2232.66	2168.45	2265.59	2344.96	2369.52	2373.92	2369.53	2344.97	2265.60	2168.43	2232.62	2165.98	2165.98	2165.98
G 15.0	1636.58	1682.19	1686.31	1804.93	1905.14	2013.18	2044.43	2013.19	1905.14	1804.92	1686.27	1682.16	1636.32	1636.32	1636.32
G 17.5	1149.70	1183.46	1282.13	1407.62	1592.15	1801.77	1867.86	1801.77	1592.14	1407.60	1282.12	1183.45	1149.68	1149.68	1149.68
G 20.0	742.40	804.59	928.34	1090.60	1304.12	1645.36	1754.93	1645.36	1304.09	1090.60	928.36	804.61	742.49	742.49	742.49
G 22.5	448.62	518.93	652.32	819.68	1098.46	1639.69	1867.86	1639.69	1098.45	819.72	652.36	518.96	448.69	448.69	448.69
G 25.0	263.47	309.15	437.93	619.32	1054.65	1743.73	2044.43	1743.73	1054.73	619.38	437.97	309.15	263.29	263.29	263.29
G 27.5	151.00	172.99	278.11	498.73	1076.48	1946.37	2373.92	1946.36	1076.56	498.72	278.11	172.93	150.31	150.31	150.31
G 30.0	78.33	92.08	169.94	408.76	1075.52	2213.42	2902.07	2213.51	1075.44	408.59	169.88	92.00	77.62	77.62	77.62
G 32.5	37.35	47.71	101.56	326.13	1034.57	2527.02	3272.09	2527.07	1034.49	325.94	101.50	47.71	37.25	37.25	37.25
G 35.0	24.63	26.17	59.07	255.37	995.84	2709.51	3601.25	2709.05	995.90	255.56	59.05	26.24	24.73	24.73	24.73
G 37.5	13.22	16.29	37.36	201.29	951.14	2802.33	3874.22	2803.78	951.28	201.98	37.36	16.30	13.15	13.15	13.15
G 40.0	9.45	11.21	25.31	158.98	882.38	2784.29	3928.92	2778.84	881.73	159.52	25.30	11.20	9.32	9.32	9.32
G 42.5	7.01	8.60	23.74	124.11	777.90	2676.80	3843.27	2671.42	775.66	123.27	23.79	8.71	6.88	6.88	6.88
G 45.0	5.38	7.12	15.13	90.95	651.76	2429.16	3526.62	2431.34	648.24	88.19	15.12	7.20	5.34	5.34	5.34
G 47.5	4.20	5.78	10.57	59.31	534.01	2029.40	3153.52	2029.37	528.51	56.45	10.79	5.79	4.21	4.21	4.21
G 50.0	3.45	4.71	8.56	35.57	421.22	1699.50	2721.47	1699.22	420.42	35.39	8.53	4.74	3.45	3.45	3.45
G 52.5	2.88	3.76	6.57	26.85	319.43	1372.20	2111.79	1372.21	320.62	25.81	6.69	3.77	2.89	2.89	2.89
G 55.0	2.43	3.24	5.45	18.92	231.15	1065.56	1666.06	1065.56	231.94	18.64	5.43	3.24	2.44	2.44	2.44
G 57.5	2.15	2.86	4.52	13.03	157.24	779.97	1263.40	780.02	157.53	12.76	4.47	2.82	2.15	2.15	2.15
G 60.0	1.97	2.56	3.78	9.86	104.87	533.65	878.04	533.65	104.84	9.89	3.76	2.53	1.94	1.94	1.94
G 62.5	1.74	2.26	3.30	7.98	73.92	375.53	605.87	375.55	73.73	7.95	3.27	2.24	1.71	1.71	1.71
G 65.0	1.52	1.96	2.87	8.33	53.48	267.53	380.31	267.53	53.38	8.27	2.79	1.95	1.50	1.50	1.50
G 67.5	1.35	1.71	2.48	7.00	37.01	189.84	265.22	190.73	37.00	6.99	2.39	1.69	1.34	1.34	1.34
G 70.0	1.23	1.50	2.18	4.76	23.22	132.26	185.94	132.24	23.21	4.76	2.10	1.48	1.21	1.21	1.21
G 72.5	1.11	1.33	1.92	3.79	14.36	92.76	127.27	92.76	14.37	3.79	1.87	1.32	1.09	1.09	1.09
G 75.0	1.01	1.22	1.69	2.74	10.33	64.34	90.85	64.34	10.33	2.75	1.69	1.21	1.01	1.01	1.01
G 77.5	0.93	1.11	1.52	1.89	8.09	44.81	58.21	44.81	8.09	1.90	1.52	1.10	0.97	0.97	0.97
G 80.0	0.88	1.03	1.35	1.54	6.48	32.18	38.30	32.18	6.49	1.54	1.35	1.03	0.93	0.93	0.93
G 82.5	0.85	0.95	1.17	1.37	4.96	22.13	27.25	22.13	4.96	1.36	1.17	0.96	0.91	0.91	0.91
G 85.0	0.81	0.87	1.02	1.29	3.56	13.84	16.20	13.86	3.56	1.29	1.02	0.88	0.86	0.86	0.86
G 87.5	0.76	0.82	0.89	1.05	2.35	7.90	8.70	7.90	2.35	1.05	0.89	0.82	0.80	0.80	0.80
G 90.0	0.77	0.78	0.79	0.87	1.56	4.23	5.35	4.23	1.56	0.87	0.78	0.78	0.77	0.77	0.77
G 92.5	0.22	0.51	0.70	0.74	1.00	2.24	2.69	2.24	1.01	0.74	0.70	0.51	0.22	0.22	0.22
G 95.0	0.02	0.40	0.61	0.58	0.67	1.29	1.52	1.29	0.67	0.58	0.60	0.40	0.03	0.03	0.03
G 97.5	0.00	0.36	0.47	0.52	0.57	0.84	0.97	0.84	0.57	0.52	0.47	0.36	0.00	0.00	0.00
G100.0	0.00	0.34	0.45	0.49	0.52	0.60	0.58	0.60	0.52	0.49	0.45	0.32	0.00	0.00	0.00
G102.5	0.00	0.29	0.41	0.47	0.46	0.43	0.43	0.43	0.46	0.47	0.41	0.27	0.00	0.00	0.00
G105.0	0.00	0.15	0.37	0.46	0.45	0.39	0.42	0.39	0.45	0.46	0.37	0.14	0.00	0.00	0.00
G107.5	0.00	0.09	0.33	0.44	0.44	0.43	0.42	0.43	0.44	0.45	0.33	0.09	0.00	0.00	0.00
G110.0	0.00	0.05	0.27	0.42	0.43	0.43	0.39	0.43	0.43	0.43	0.27	0.05	0.00	0.00	0.00
G112.5	0.00	0.01	0.21	0.41	0.42	0.42	0.40	0.42	0.42	0.41	0.22	0.01	0.00	0.00	0.00
G115.0	0.00	0.00	0.19	0.40	0.41	0.41	0.40	0.41	0.42	0.40	0.19	0.00	0.00	0.00	0.00
G117.5	0.00	0.00	0.13	0.29	0.41	0.41	0.38	0.41	0.41	0.28	0.13	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.03	0.22	0.40	0.41	0.38	0.41	0.41	0.22	0.03	0.00	0.00	0.00	0.00
G122.5	0.00	0.00	0.00	0.15	0.37	0.41	0.38	0.42	0.37	0.15	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.04	0.26	0.39	0.37	0.42	0.26	0.04	0.00	0.00	0.00	0.00	0.00
G127.5	0.00	0.00	0.00	0.00	0.09	0.34	0.40	0.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.01	0.13	0.40	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00
G132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00													

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Luminaire Flux	1972.11 lm		Luminaire Power		28.00 W		Efficacy		70.43 lm/W		Efficiency		100.00%	
Sources Flux	1972.11 lm		Maximum value		3928.92 cd		Position		C=0.00 G=0.00		CG		Asymmetrical	
Luminous Intensity Table cd Table 2/2														
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00			
G 0.0	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92	3928.92
G 2.5	3832.56	3837.04	3840.92	3842.64	3842.53	3843.21	3842.58	3842.77	3841.11	3837.30	3832.86	3832.56	3837.04	3840.92
G 5.0	3574.28	3580.74	3567.02	3545.01	3530.67	3526.62	3530.65	3545.00	3567.12	3581.06	3574.81	3574.28	3580.74	3567.02
G 7.5	3185.43	3185.41	3163.54	3155.71	3151.49	3153.52	3151.51	3155.70	3163.45	3185.45	3185.94	3185.43	3185.41	3163.54
G 10.0	2702.00	2703.63	2722.63	2703.16	2705.76	2721.47	2705.77	2703.23	2722.70	2703.49	2702.24	2702.00	2703.63	2722.63
G 12.5	2162.62	2174.27	2207.21	2142.36	2132.94	2111.79	2132.94	2142.36	2207.25	2174.26	2162.53	2162.62	2174.27	2207.21
G 15.0	1619.24	1636.77	1657.09	1671.89	1668.56	1666.06	1668.55	1671.89	1657.08	1636.77	1619.04	1619.24	1636.77	1657.09
G 17.5	1125.27	1141.21	1208.32	1257.68	1266.61	1263.40	1266.63	1257.68	1208.32	1141.23	1125.02	1125.27	1141.21	1208.32
G 20.0	734.00	749.44	864.47	867.10	917.44	878.04	917.45	867.12	864.47	749.46	733.82	734.00	749.44	864.47
G 22.5	461.75	481.51	592.26	565.37	644.40	605.87	644.40	565.37	592.25	481.57	461.72	461.75	481.51	592.26
G 25.0	283.46	306.92	390.98	378.83	431.73	380.31	431.73	378.83	390.98	306.90	283.49	283.46	306.92	390.98
G 27.5	171.59	193.51	254.86	267.00	295.20	265.22	295.19	267.00	254.86	193.40	171.73	171.59	193.51	254.86
G 30.0	101.49	115.00	167.48	187.78	201.94	185.94	201.94	187.78	167.45	115.00	101.77	101.49	115.00	167.48
G 32.5	56.50	62.62	110.69	127.52	139.55	127.27	139.54	127.52	110.67	62.63	56.64	56.50	62.62	110.69
G 35.0	29.53	30.90	70.99	84.06	98.39	90.85	98.44	84.07	71.04	30.91	29.62	29.53	30.90	70.99
G 37.5	14.74	18.34	40.79	54.15	67.65	58.21	67.49	54.17	40.93	18.33	14.75	14.74	18.34	40.79
G 40.0	8.48	12.78	19.93	35.37	43.86	38.30	44.50	35.33	20.04	12.77	8.46	8.48	12.78	19.93
G 42.5	6.72	8.27	10.80	24.36	29.70	27.25	30.23	24.25	10.79	8.28	6.71	6.72	8.27	10.80
G 45.0	5.26	4.75	7.31	16.40	20.33	16.20	20.18	16.31	7.31	4.75	5.24	5.26	4.75	7.31
G 47.5	4.14	3.01	3.68	9.59	13.03	8.70	13.03	9.46	4.75	3.00	4.11	4.14	3.01	3.68
G 50.0	3.24	2.47	2.97	4.97	7.00	5.35	7.02	4.95	2.97	2.47	3.25	3.24	2.47	2.97
G 52.5	2.43	2.15	2.03	2.50	3.58	2.69	3.58	2.57	2.17	2.05	2.44	2.43	2.15	2.03
G 55.0	2.10	1.61	1.35	1.34	1.91	1.52	1.92	1.44	1.57	1.68	2.11	2.10	1.61	1.35
G 57.5	1.88	1.43	0.97	1.08	1.05	0.97	1.05	0.97	1.12	1.43	1.90	1.88	1.43	0.97
G 60.0	1.68	1.25	0.88	0.70	0.72	0.58	0.73	0.70	0.87	1.24	1.70	1.68	1.25	0.88
G 62.5	1.48	1.07	0.72	0.53	0.53	0.43	0.53	0.53	0.71	1.06	1.51	1.48	1.07	0.72
G 65.0	1.33	0.95	0.58	0.46	0.36	0.42	0.36	0.47	0.56	0.92	1.36	1.33	0.95	0.58
G 67.5	1.20	0.83	0.56	0.45	0.43	0.42	0.42	0.47	0.53	0.84	1.24	1.20	0.83	0.56
G 70.0	1.04	0.71	0.50	0.45	0.44	0.39	0.44	0.46	0.50	0.73	1.05	1.04	0.71	0.50
G 72.5	0.89	0.60	0.49	0.44	0.42	0.40	0.42	0.44	0.48	0.61	0.88	0.89	0.60	0.49
G 75.0	0.75	0.53	0.46	0.44	0.41	0.40	0.42	0.44	0.46	0.53	0.77	0.75	0.53	0.46
G 77.5	0.54	0.48	0.45	0.42	0.41	0.38	0.41	0.42	0.45	0.48	0.55	0.54	0.48	0.45
G 80.0	0.49	0.45	0.43	0.41	0.41	0.38	0.41	0.41	0.43	0.45	0.49	0.49	0.45	0.43
G 82.5	0.47	0.43	0.41	0.40	0.41	0.38	0.41	0.40	0.41	0.42	0.45	0.47	0.43	0.41
G 85.0	0.45	0.28	0.37	0.40	0.41	0.37	0.41	0.40	0.37	0.27	0.42	0.45	0.28	0.37
G 87.5	0.32	0.21	0.25	0.31	0.42	0.40	0.42	0.31	0.25	0.20	0.32	0.32	0.21	0.25
G 90.0	0.07	0.16	0.20	0.18	0.20	0.40	0.20	0.18	0.20	0.15	0.06	0.07	0.16	0.20
G 92.5	0.04	0.11	0.14	0.08	0.02	0.02	0.02	0.08	0.15	0.10	0.03	0.04	0.11	0.14
G 95.0	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.00	0.00	0.07	0.01
G 97.5	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

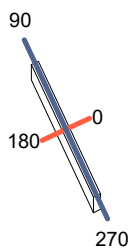
Code 4537
Name PALO ALTO 4537 CON UGR

Measurem.

Code (S)CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4537 CON UGR

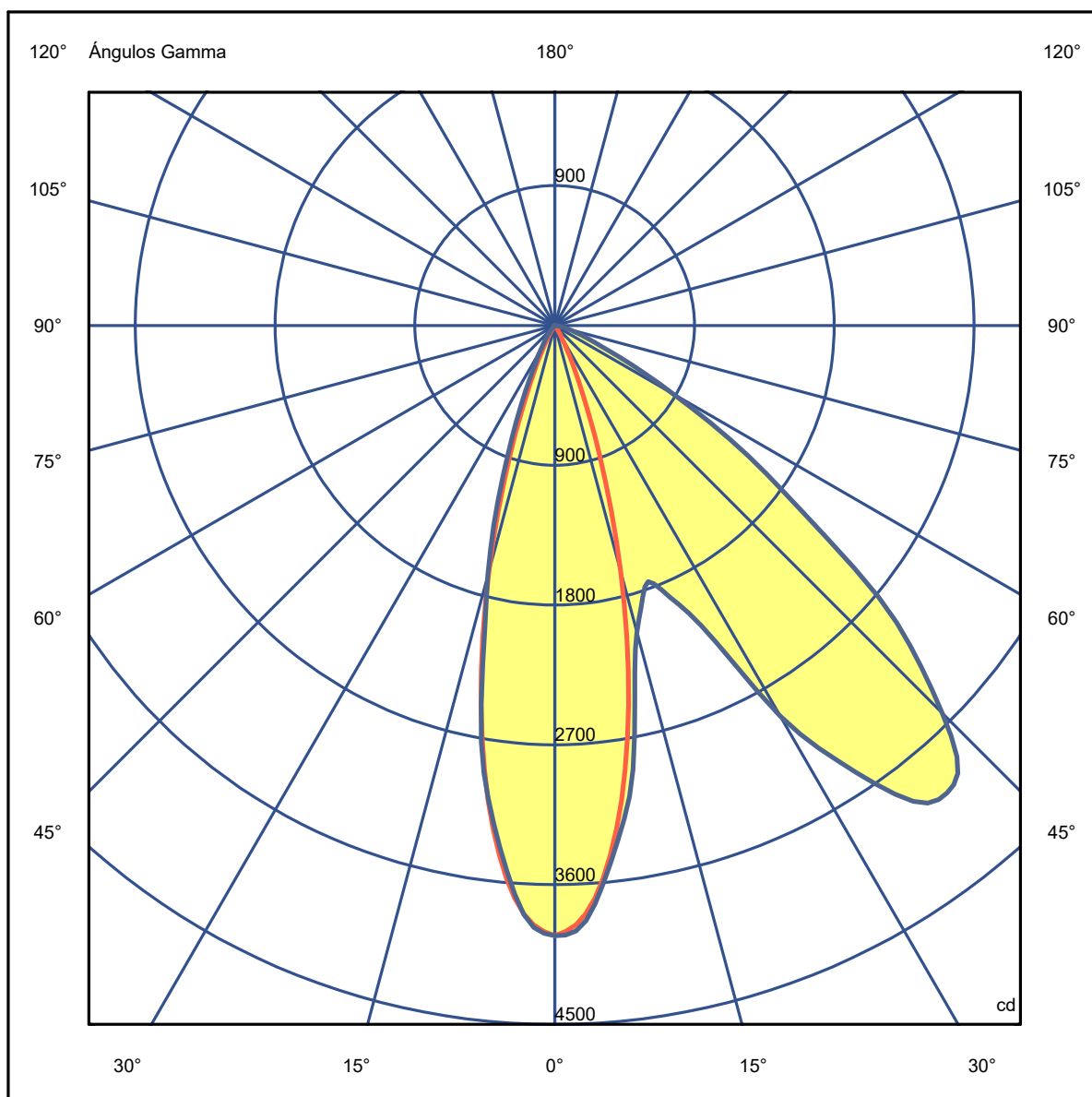
Luminaire Flux	1972.11 lm	Luminaire Power	28.00 W	Efficacy	70.43 lm/W	Efficiency	100.00%
Sources Flux	1972.11 lm	Maximum value	3928.92 cd	Position	C=0.00 G=0.00	CG	Asymmetrical

1690mm x 90mm



Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

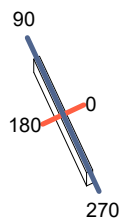
Code 4537
Name PALO ALTO 4537 CON UGR

Measurem.

Code (S)CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4537 CON UGR

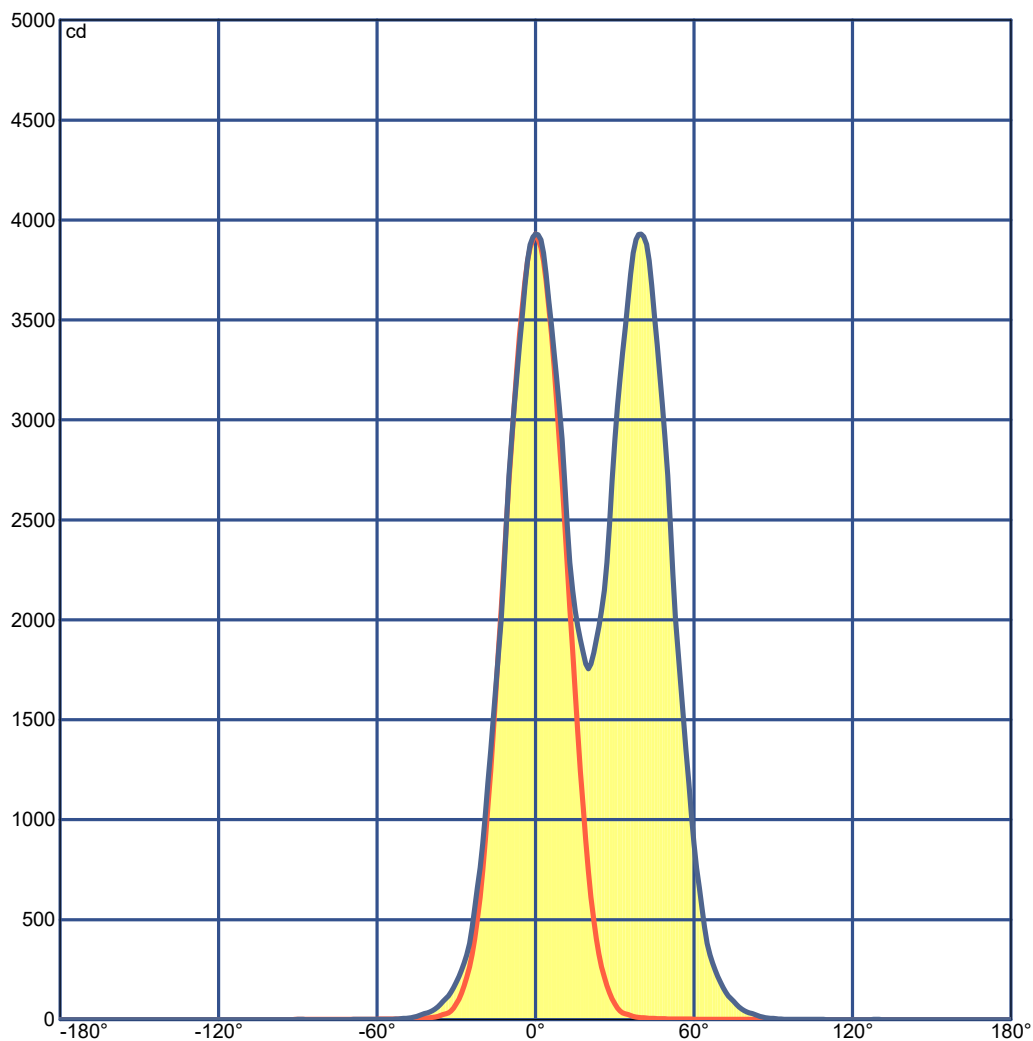
Luminaire Flux	1972.11 lm	Luminaire Power	28.00 W	Efficacy	70.43 lm/W	Efficiency	100.00%
Sources Flux	1972.11 lm	Maximum value	3928.92 cd	Position	C=0.00 G=0.00	CG	Asymmetrical

1690mm x 90mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0



Luminaire

Code 4537
 Name PALO ALTO 4537 CON UGR

Measur.

Code (S)CL252A21F032GE1+CL252A21F032GE2
 Name PALO ALTO 4537 CON UGR

Luminaire Flux	1972.11 lm	Luminaire Power	28.00 W	Efficacy	70.43 lm/W	Efficiency	100.00%
Sources Flux	1972.11 lm	Maximum value	3928.92 cd	Position	C=0.00 G=0.00	CG	Asymmetrical

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	1.6	2.5	1.8	2.7	2.9	0.0	1.0	0.3	1.2	1.4
x=2H y=3H	1.5	2.3	1.7	2.5	2.8	< 0	0.7	0.2	1.0	1.2
x=2H y=4H	1.4	2.2	1.7	2.5	2.7	< 0	0.6	0.2	0.9	1.1
x=2H y=6H	1.4	2.1	1.7	2.4	2.7	< 0	0.5	0.1	0.8	1.1
x=2H y=8H	1.4	2.1	1.7	2.4	2.7	< 0	0.4	0.1	0.7	1.0
x=2H y=12H	1.4	2.0	1.8	2.3	2.7	< 0	0.4	0.1	0.7	1.0
x=4H y=2H	6.8	7.5	7.1	7.8	8.1	< 0	0.6	0.1	0.9	1.1
x=4H y=3H	6.6	7.3	7.0	7.6	7.9	< 0	0.3	0.0	0.6	1.0
x=4H y=4H	6.6	7.1	6.9	7.5	7.8	< 0	0.2	0.0	0.5	0.9
x=4H y=6H	6.5	7.0	6.9	7.4	7.8	< 0	0.1	< 0	0.4	0.8
x=4H y=8H	6.5	6.9	6.9	7.3	7.7	< 0	< 0	< 0	0.4	0.8
x=4H y=12H	6.5	6.9	6.9	7.2	7.7	< 0	< 0	< 0	0.3	0.8
x=8H y=4H	6.9	7.4	7.4	7.8	8.2	< 0	< 0	< 0	0.3	0.7
x=8H y=6H	6.9	7.2	7.3	7.6	8.1	< 0	< 0	< 0	0.2	0.7
x=8H y=8H	6.8	7.1	7.3	7.6	8.1	< 0	< 0	< 0	0.2	0.7
x=8H y=12H	6.8	7.1	7.3	7.6	8.0	< 0	< 0	< 0	0.2	0.7
x=12H y=4H	10.8	11.2	11.2	11.6	12.0	< 0	< 0	< 0	0.3	0.7
x=12H y=6H	10.7	11.0	11.2	11.4	11.9	< 0	< 0	< 0	0.2	0.7
x=12H y=8H	10.6	10.9	11.1	11.4	11.9	< 0	< 0	< 0	0.2	0.7

Luminaire

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Name PALO ALTO 4537 CON UGR

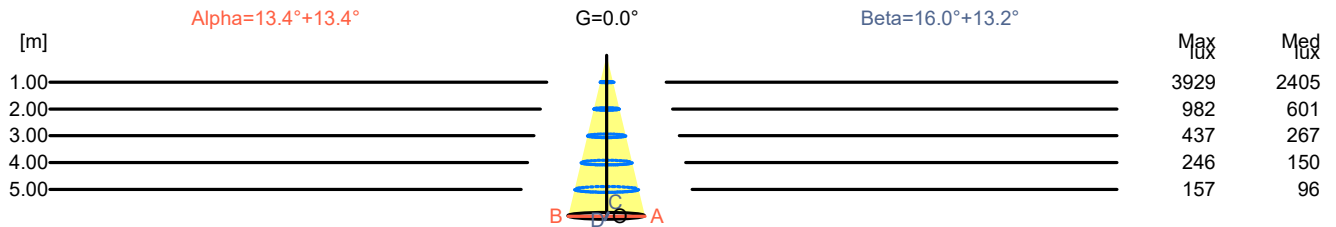
Luminaire Flux	1972.11 lm	Luminaire Power	28.00 W	Efficacy	70.43 lm/W	Efficiency	100.00%
Sources Flux	1972.11 lm	Maximum value	3928.92 cd	Position	C=0.00 G=0.00	CG Asymmetrical	

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	0.24	0.48	0.72	0.96	1.20	OC	0.29	0.57	0.86	1.15	1.44
OB	0.24	0.48	0.72	0.96	1.19	OD	0.24	0.47	0.71	0.94	1.18

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	3928.92	3570.78	1636.58	263.47	24.63	5.38	2.43	1.52	1.01	0.81
OB	3928.92	3570.26	1636.32	263.29	24.73	5.34	2.44	1.50	1.01	0.86
OC	3928.92	3601.25	2044.43	2044.43	3601.25	3526.62	1666.06	380.31	90.85	16.20
OD	3928.92	3526.62	1666.06	380.31	90.85	16.20	1.52	0.42	0.40	0.37



H[m]	D[m]	Max lux	Med lux	Alpha=13.4°+13.4°	G=0.0
1.00	0.48	3929	2405		
2.00	0.96	982	601		
3.00	1.43	437	267		
4.00	1.91	246	150		
5.00	2.39	157	96		

H[m]	D[m]	Max lux	Med lux	Beta=13.2°+16.0°	G=0.0
1.00	0.52	3929	2405		
2.00	1.04	982	601		
3.00	1.57	437	267		
4.00	2.09	246	150		
5.00	2.61	157	96		

Luminaire

Code 4537
Name PALO ALTO 4537 CON UGR

Measurement

Code (S)CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4537 CON UGR

Luminaire Flux	1972.11 lm	Luminaire Power	28.00 W	Efficacy	70.43 lm/W	Efficiency	100.00%
Sources Flux	1972.11 lm	Maximum value	3928.92 cd	Position	C=0.00 G=0.00	CG Asymmetrical	

Flujo Total=1972.11 Flujo Luminaria=1972.11

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	0.51	0.60	0.66	0.73	0.77	0.83	0.87	0.90	0.93	0.94	0.97	0.99
RC	1	1	1	1	1	1	1	1	1	1	1	1

Flujo Zonal por 1000 Lúmenes

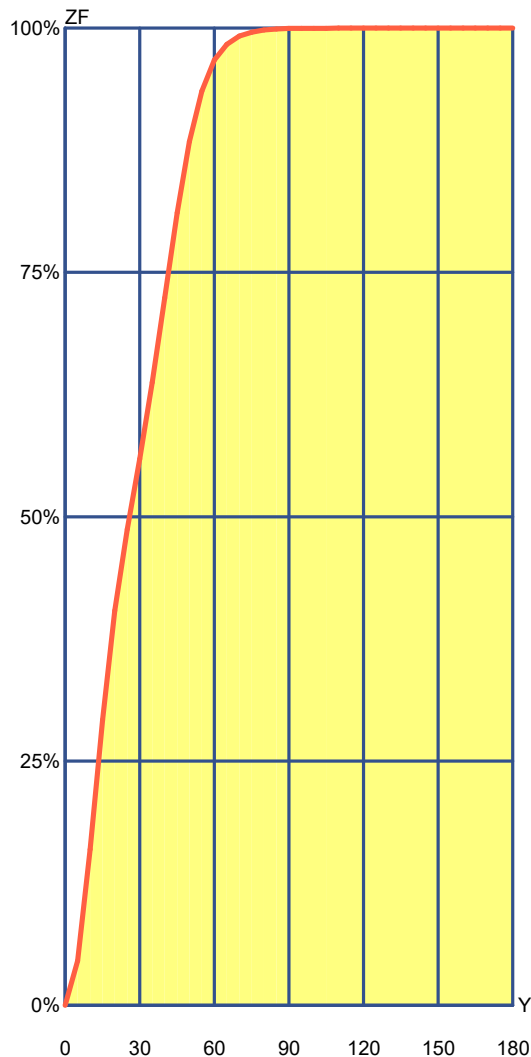
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	160	404	559	724	884	967	992	998	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

75 97 100 100 100

C.I.E. 1
D DIN 5040 A60
F UTE 1.00 B
B NBN BZ 1
RN 0.04548 %
BLF 1.0

LOR 100.00000 %
ULOR 0.04548 %
DLOR 99.95452 %
UFF 0.04548 %
DFF 99.95452 %
FFR 0.04550 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	45.55	45.55	4.56 %	4.56 %
10°	114.08	159.63	11.41 %	15.96 %
15°	132.61	292.24	13.26 %	29.22 %
20°	111.70	403.94	11.17 %	40.39 %
25°	83.05	486.99	8.30 %	48.70 %
30°	72.17	559.16	7.22 %	55.92 %
35°	78.16	637.32	7.82 %	63.73 %
40°	86.59	723.92	8.66 %	72.39 %
45°	86.97	810.89	8.70 %	81.09 %
50°	72.83	883.72	7.28 %	88.37 %
55°	51.94	935.65	5.19 %	93.57 %
60°	31.51	967.17	3.15 %	96.72 %
65°	16.27	983.44	1.63 %	98.34 %
70°	8.24	991.68	0.82 %	99.17 %
75°	4.16	995.85	0.42 %	99.58 %
80°	2.12	997.96	0.21 %	99.80 %
85°	1.10	999.06	0.11 %	99.91 %
90°	0.49	999.55	0.05 %	99.95 %
95°	0.18	999.73	0.02 %	99.97 %
100°	0.08	999.81	0.01 %	99.98 %
105°	0.05	999.86	0.01 %	99.99 %
110°	0.04	999.90	0.00 %	99.99 %
115°	0.04	999.94	0.00 %	99.99 %
120°	0.03	999.97	0.00 %	100.00 %
125°	0.02	999.99	0.00 %	100.00 %
130°	0.01	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

Luminaire

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Name PALO ALTO 4537 CON UGR

Luminaire Flux	1972.11 lm	Luminaire Power	28.00 W	Efficacy	70.43 lm/W	Efficiency	100.00%
Sources Flux	1972.11 lm	Maximum value	3928.92 cd	Position	C=0.00 G=0.00	CG	Asymmetrical

Isolux (Floor)

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

