

Luminaire

Code 4538
Name PALO ALTO 4538 CON UGR

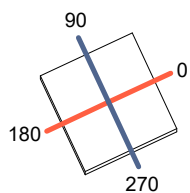
Measurem.

Code (S)CL252A21F032G+CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4538 CON UGR

Luminaire Flux	2979.29 lm	Luminaire Power	42.00 W	Efficacy	70.94 lm/W	Efficiency	100.00%
Sources Flux	2979.29 lm	Maximum value	3892.74 cd	Position	C=0.00 G=0.00	CG	Asymmetrical
Rectangular Luminaire		Length	1470 mm	Width	1410 mm	Height	45 mm
Rectangular Luminous Area		Length	1420 mm	Width	60 mm	Height	0 mm
Horizontal Luminous Area		0.085200 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°		0.020612 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		22-10-2021		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		2979.27 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
				2979.29	43.00	1
C.I.E.	38 65 91 99 100		D DIN 5040	A21		
F UTE	0.99 G + 0.01 T		B NBN	BZ 5 / 0.8 / BZ 6 / 2.5 / BZ 5		

1470mm x 1410mm



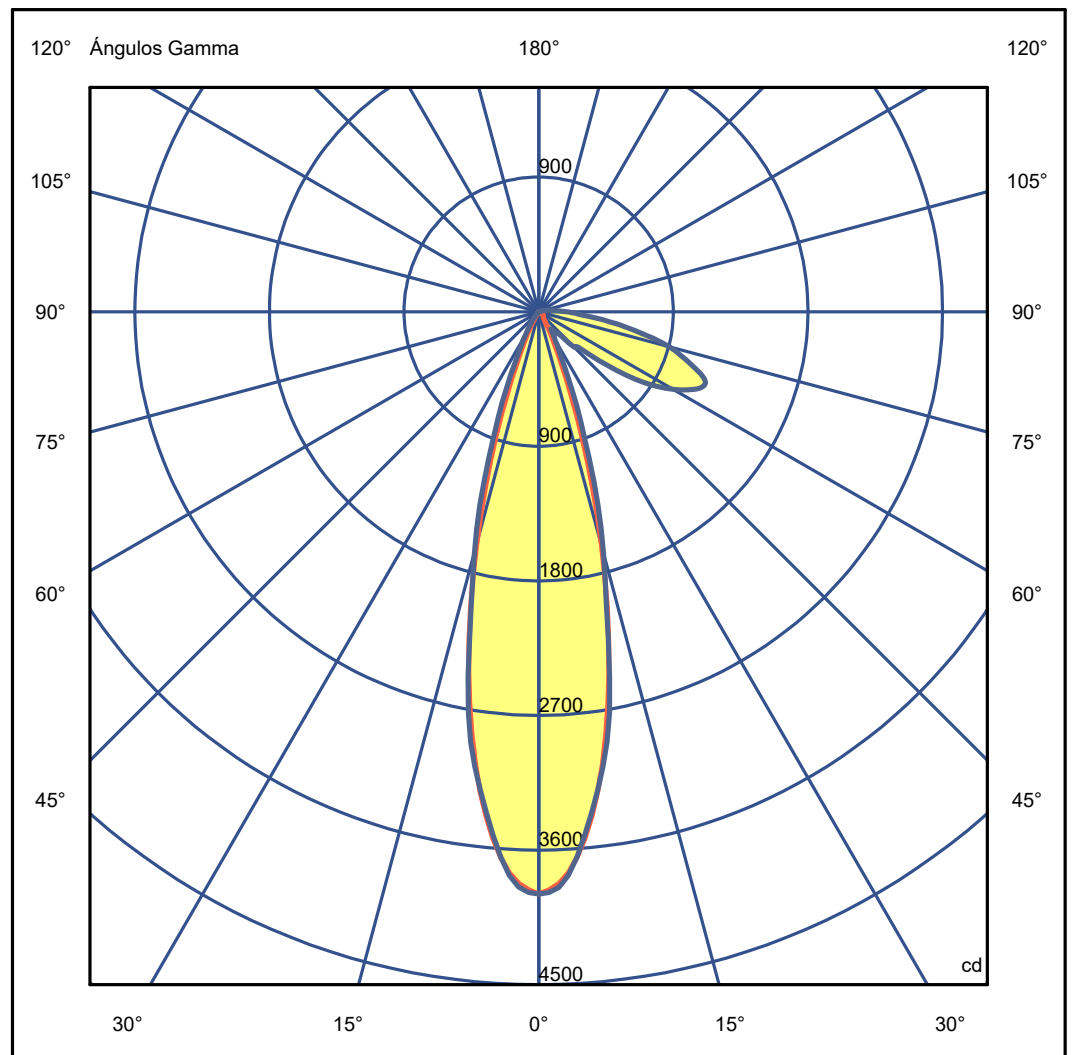
Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 1.36 %

DLOR 98.64 %

RN 1.36 %



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Measurement

Code (S)CL252A21F032G+CL252A21F032GE1+CL252A21F032GE2
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Luminaire Flux		2979.29 lm		Luminaire Power		42.00 W		Efficacy		70.94 lm/W		Efficiency		100.00%	
Sources Flux		2979.29 lm		Maximum value		3892.74 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	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74
G 2.5	3796.37	3799.54	3806.47	3812.63	3815.93	3817.64	3818.67	3817.48	3815.59	3812.12	3805.85	3798.89	3795.75	3796.37	3796.37
G 5.0	3533.95	3543.77	3551.03	3541.58	3525.48	3515.56	3513.81	3515.10	3524.40	3539.97	3549.27	3542.21	3532.74	3533.95	3533.95
G 7.5	3143.03	3159.44	3158.10	3121.95	3111.16	3133.67	3148.68	3132.60	3108.85	3118.85	3155.33	3157.27	3141.31	3143.03	3143.03
G 10.0	2663.10	2695.76	2655.36	2608.23	2665.01	2707.45	2720.39	2706.78	2661.82	2603.70	2651.69	2692.95	2660.56	2663.10	2663.10
G 12.5	2138.85	2183.06	2084.13	2130.79	2144.15	2119.85	2114.39	2118.92	2140.17	2123.16	2076.98	2177.70	2133.99	2138.85	2138.85
G 15.0	1617.31	1642.95	1608.23	1654.16	1639.31	1657.63	1671.45	1653.88	1631.47	1636.09	1591.36	1631.59	1608.49	1617.31	1617.31
G 17.5	1140.11	1159.69	1220.31	1252.35	1261.94	1267.46	1272.10	1259.03	1242.83	1214.36	1186.02	1139.03	1126.52	1140.11	1140.11
G 20.0	743.01	799.81	891.11	944.78	916.91	894.16	890.96	876.94	879.79	878.45	832.49	767.29	724.36	743.01	743.01
G 22.5	459.30	536.48	648.54	697.16	653.30	640.52	624.79	609.66	586.06	590.88	558.97	489.23	435.55	459.30	459.30
G 25.0	283.32	352.64	480.48	544.75	527.42	460.46	407.52	409.33	410.92	377.62	352.37	287.64	254.83	283.32	283.32
G 27.5	178.44	244.97	383.35	511.96	490.19	371.84	296.03	293.27	296.84	256.80	207.81	159.25	145.80	178.44	178.44
G 30.0	111.37	192.02	355.30	569.19	523.96	340.59	223.70	230.66	230.44	191.44	121.85	84.27	75.41	111.37	111.37
G 32.5	73.64	172.68	388.69	715.73	636.23	339.72	175.80	193.16	196.45	152.16	77.56	43.65	35.74	73.64	73.64
G 35.0	61.91	170.12	474.17	967.49	857.04	393.59	141.64	179.23	197.09	130.76	55.42	24.45	23.68	61.91	61.91
G 37.5	50.19	174.69	595.70	1292.11	1196.99	512.47	150.16	194.22	226.64	126.31	45.78	16.50	12.59	50.19	50.19
G 40.0	46.33	182.60	729.07	1672.64	1631.16	679.73	186.22	252.73	284.87	138.99	43.44	12.80	9.11	46.33	46.33
G 42.5	44.83	191.78	862.25	2090.07	2094.11	847.88	211.77	406.47	374.45	164.94	51.99	10.97	6.93	44.83	44.83
G 45.0	44.22	203.29	984.17	2526.30	2557.60	960.77	333.56	609.25	510.40	197.51	50.51	10.74	5.43	44.22	44.22
G 47.5	42.96	213.77	1106.37	2946.66	2950.80	1048.44	343.63	844.89	703.68	238.48	55.33	11.46	4.31	42.96	42.96
G 50.0	40.39	207.92	1167.13	3206.26	3235.20	1144.88	460.29	1166.39	968.43	285.16	65.69	11.94	3.61	40.39	40.39
G 52.5	36.11	184.39	1158.36	3337.53	3389.66	1176.44	613.21	1571.01	1304.05	335.81	74.54	11.20	2.82	36.11	36.11
G 55.0	31.12	156.74	1107.82	3368.57	3355.79	1252.06	782.86	1982.04	1641.68	413.50	80.27	10.13	2.24	31.12	31.12
G 57.5	25.92	134.94	1019.51	3230.68	3217.25	1093.87	918.91	2416.77	1988.81	483.60	82.43	8.98	1.95	25.92	25.92
G 60.0	20.66	120.17	896.77	2935.95	2980.88	966.95	1036.15	2812.08	2421.13	531.06	80.77	7.85	1.82	20.66	20.66
G 62.5	15.47	100.05	724.05	2554.43	2521.86	840.56	1129.55	3155.96	2713.46	576.21	76.63	6.48	1.62	15.47	15.47
G 65.0	10.83	75.04	539.31	2097.19	2052.64	706.13	1198.14	3361.01	2849.00	593.84	66.38	4.84	1.42	10.83	10.83
G 67.5	7.21	51.11	387.41	1598.74	1658.27	665.88	1203.84	3384.45	2918.45	587.83	53.59	3.79	1.29	7.21	7.21
G 70.0	4.81	31.10	268.07	1163.16	1269.68	503.78	1118.16	3295.43	2860.25	546.40	41.70	3.05	1.19	4.81	4.81
G 72.5	3.35	17.55	175.58	826.32	918.35	371.16	1011.44	3063.07	2651.67	481.97	27.05	2.44	1.12	3.35	3.35
G 75.0	2.58	11.77	107.92	568.56	636.87	300.37	905.36	2691.82	2337.90	389.51	55.45	2.84	1.08	2.58	2.58
G 77.5	2.16	8.99	65.93	365.40	419.92	244.14	749.15	2297.26	1955.41	345.91	37.65	3.17	1.06	2.16	2.16
G 80.0	1.81	6.99	34.14	215.82	279.41	194.07	591.69	1880.86	1567.00	309.12	29.47	2.77	1.03	1.81	1.81
G 82.5	1.55	6.56	20.62	120.23	195.03	152.16	455.20	1448.09	1205.64	243.09	16.18	2.43	1.03	1.55	1.55
G 85.0	1.39	5.02	26.00	65.52	132.52	118.55	321.98	1091.99	854.80	189.10	13.31	2.17	0.96	1.39	1.39
G 87.5	1.30	4.60	12.31	36.85	85.20	90.37	250.81	773.59	571.97	133.41	11.41	2.11	0.92	1.30	1.30
G 90.0	1.26	3.18	8.28	20.44	51.90	69.55	190.91	521.31	388.84	94.97	9.07	1.84	0.90	1.26	1.26
G 92.5	0.95	2.36	5.99	14.98	31.14	51.76	140.94	360.30	250.92	69.68	7.50	1.44	0.60	0.95	0.95
G 95.0	0.84	1.92	4.59	15.59	19.11	35.42	106.65	247.91	145.74	47.78	5.92	1.24	0.51	0.84	0.84
G 97.5	0.81	1.64	3.84	10.08	12.50	23.03	75.98	169.88	80.11	31.79	5.63	1.16	0.50	0.81	0.81
G100.0	0.76	1.42	3.55	6.03	8.38	14.73	52.77	114.24	53.06	21.40	3.84	1.06	0.49	0.76	0.76
G102.5	0.70	1.25	2.76	4.04	5.48	9.01	38.82	76.54	33.48	14.29	2.51	0.99	0.47	0.70	0.70
G105.0	0.62	1.14	2.11	2.59	3.53	5.43	28.39	50.51	19.77	9.46	2.14	0.95	0.45	0.62	0.62
G107.5	0.56	0.98	1.75	1.94	2.37	3.55	19.08	32.83	12.65	7.59	1.75	0.89	0.43	0.56	0.56
G110.0	0.54	0.85	1.45	1.54	1.68	2.43	12.16	22.29	10.69	5.43	1.72	0.79	0.41	0.54	0.54
G112.5	0.50	0.74	1.23	1.32	1.31	1.66	7.70	15.54	7.25	3.29	1.48	0.73	0.39	0.50	0.50
G115.0	0.47	0.65	1.07	1.22	1.10	1.29	4.75	10.28	5.20	2.41	1.05	0.69	0.36	0.47	0.47
G117.5	0.44	0.58	0.90	1.12	0.99	1.07	2.91	6.51	2.43	2.01	1.01	0.66	0.34	0.44	0.44
G120.0	0.43	0.52	0.74	1.01	0.94	0.91	1.90	4.11	1.95	1.37	0.87	0.63	0.37	0.43	0.43
G122.5	0.43	0.49	0.59	0.93	0.91	0.86	1.37	2.60	1.51	0.98	0.73	0.56	0.39	0.43	0.43
G125.0	0.41	0.46	0.52	0.89	0.89	0.85	1.11	1.77	1.26	0.77	0.71	0.51	0.39	0.41	0.41
G127.5	0.37	0.44	0.49	0.87	0.86	0.86	0.99	1.30	1.02	0.69	0.66	0.47	0.38	0.37	0.37
G130.0	0.38	0.42	0.47	0.88	0.84	0.85	0.89	0.81	0.79	0.59	0.62	0.45	0.38	0.38	0.38
G132.5	0.14	0.36	0.44	0.86	0.83	0.83	0.81	0.64	0.63	0.57	0.52	0.40	0.17	0.14	0.14
G135.0	0.02	0.30	0.42	0.66	0.82	0.82	0.75	0.52	0.55	0.49	0.52	0.37	0.07	0.02	0.02
G137.5	0.00	0.26	0.38	0.50	0.79	0.75	0.65	0.49	0.52	0.48	0.45	0.35	0.05	0.00	0.00
G140.0	0.00	0.24	0.31	0.37	0.75	0.69	0.53	0.48	0.48	0.47	0.44	0.33	0.06	0.00	0.00
G142.5	0.00	0.16	0.19	0.26	0.69	0.61	0.45	0.45	0.47	0.45	0.42	0.29	0.07	0.00	0.00
G145.0	0.00	0.05	0.12	0.17	0.51	0.52	0.43	0.44	0.45	0.41	0.39	0.25	0.05	0.00	0.00
G147.5	0.00	0.03	0.07	0.12	0.26	0.42	0.42	0.43	0.41	0.36	0.31	0.20	0.02	0.00	0.00
G150.0	0.00	0.02	0.03	0.08	0.10	0.33	0.37	0.41	0.38	0.32	0.23	0.13	0.01	0.00	0.00
G152.5	0.00	0.00	0.02	0.03	0.03	0.22	0.30	0.38	0.34	0.27	0.19	0.09	0.02	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.01	0.13	0.24	0.29	0.29	0.22	0.13	0.06	0.00	0.00	0.00
G157.5	0.00	0.00	0.00	0.00	0.00	0.06	0.16	0.19	0.23	0.17	0.09	0.03	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.11	0.14	0.13	0.07	0.02	0.00	0.00	0.00
G162.5	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.06	0.06	0.06	0.04	0.02	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00									

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Sources Flux	2979.29 lm		Maximum value		3892.74 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	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74	3892.74
G 2.5	3799.11	3806.31	3812.35	3815.75	3816.68	3817.74	3816.77	3815.92	3812.64	3806.69	3799.59	3799.59	3799.59	3799.59
G 5.0	3543.53	3555.18	3545.93	3527.48	3515.31	3512.04	3515.31	3527.53	3546.19	3555.68	3544.36	3544.36	3544.36	3544.36
G 7.5	3157.89	3165.17	3149.15	3145.45	3143.62	3146.40	3143.57	3145.51	3149.42	3165.84	3159.12	3159.12	3159.12	3159.12
G 10.0	2678.14	2687.79	2712.81	2697.06	2701.39	2717.63	2701.42	2697.15	2713.10	2688.60	2679.89	2679.89	2679.89	2679.89
G 12.5	2142.52	2162.29	2201.04	2139.01	2130.88	2110.14	2130.91	2139.05	2201.24	2163.09	2145.27	2145.27	2145.27	2145.27
G 15.0	1603.16	1628.93	1653.69	1670.29	1667.80	1665.52	1667.78	1670.32	1653.91	1629.77	1607.14	1607.14	1607.14	1607.14
G 17.5	1113.57	1136.91	1206.57	1257.04	1266.47	1263.35	1266.42	1257.03	1206.83	1138.00	1118.61	1118.61	1118.61	1118.61
G 20.0	726.65	747.25	863.75	867.06	917.63	878.27	917.55	866.95	864.03	748.16	733.03	733.03	733.03	733.03
G 22.5	457.79	480.58	592.12	565.55	644.69	606.14	644.58	565.33	592.33	481.70	465.78	465.78	465.78	465.78
G 25.0	281.49	306.56	391.09	379.16	432.02	380.50	431.88	378.87	391.15	307.71	290.62	290.62	290.62	290.62
G 27.5	170.79	193.34	255.09	267.46	295.39	265.33	295.27	267.17	254.99	194.37	180.39	180.39	180.39	180.39
G 30.0	101.21	115.10	167.80	188.08	202.02	186.01	201.98	187.85	167.60	116.01	110.60	110.60	110.60	110.60
G 32.5	56.40	62.83	110.99	127.60	139.55	127.29	139.58	127.54	110.74	63.47	64.68	64.68	64.68	64.68
G 35.0	29.55	31.09	71.20	83.92	98.31	90.85	98.46	84.08	70.98	31.48	36.42	36.42	36.42	36.42
G 37.5	14.68	18.42	40.94	53.87	67.48	58.21	67.51	54.17	40.88	18.74	20.51	20.51	20.51	20.51
G 40.0	8.39	12.74	19.98	35.04	43.60	38.22	44.51	35.33	20.03	13.06	13.42	13.42	13.42	13.42
G 42.5	6.66	8.23	10.74	23.99	29.37	27.03	30.24	24.25	10.78	8.46	10.94	10.94	10.94	10.94
G 45.0	5.17	4.69	7.20	16.00	19.95	15.89	20.18	16.30	7.30	4.81	8.99	8.99	8.99	8.99
G 47.5	4.03	2.94	3.54	9.20	12.62	8.34	12.98	9.45	4.73	3.02	7.66	7.66	7.66	7.66
G 50.0	3.16	2.40	2.63	4.57	6.66	4.95	6.91	4.93	2.97	2.48	6.44	6.44	6.44	6.44
G 52.5	2.33	2.09	1.63	2.21	3.50	2.68	3.55	2.67	2.17	2.08	4.83	4.83	4.83	4.83
G 55.0	2.01	1.59	1.01	1.23	1.91	1.52	1.92	1.71	1.61	1.74	3.48	3.48	3.48	3.48
G 57.5	1.82	1.42	0.74	1.05	1.05	0.97	1.05	1.34	1.27	1.49	3.99	3.99	3.99	3.99
G 60.0	1.63	1.21	0.71	0.70	0.72	0.58	0.73	1.13	1.08	1.32	3.06	3.06	3.06	3.06
G 62.5	1.45	1.05	0.61	0.53	0.53	0.43	0.53	0.74	1.00	1.21	2.28	2.28	2.28	2.28
G 65.0	1.31	0.95	0.58	0.46	0.36	0.42	0.36	0.60	0.93	1.13	1.82	1.82	1.82	1.82
G 67.5	1.19	0.85	0.56	0.45	0.43	0.42	0.42	0.56	0.94	1.09	1.46	1.46	1.46	1.46
G 70.0	1.08	0.77	0.50	0.45	0.44	0.39	0.44	0.48	0.91	1.04	1.37	1.37	1.37	1.37
G 72.5	0.97	0.67	0.49	0.44	0.42	0.40	0.42	0.45	0.83	0.98	1.17	1.17	1.17	1.17
G 75.0	0.88	0.61	0.46	0.44	0.41	0.40	0.42	0.44	0.74	0.93	1.09	1.09	1.09	1.09
G 77.5	0.80	0.60	0.45	0.42	0.41	0.38	0.41	0.43	0.72	0.90	1.00	1.00	1.00	1.00
G 80.0	0.83	0.54	0.43	0.41	0.41	0.38	0.41	0.41	0.65	0.87	0.97	0.97	0.97	0.97
G 82.5	0.79	0.50	0.41	0.40	0.41	0.38	0.41	0.40	0.55	0.85	0.95	0.95	0.95	0.95
G 85.0	0.84	0.32	0.37	0.40	0.41	0.37	0.41	0.40	0.44	0.68	0.92	0.92	0.92	0.92
G 87.5	0.71	0.24	0.25	0.31	0.42	0.40	0.42	0.31	0.31	0.60	0.83	0.83	0.83	0.83
G 90.0	0.45	0.19	0.20	0.18	0.20	0.40	0.20	0.18	0.25	0.53	0.57	0.57	0.57	0.57
G 92.5	0.33	0.14	0.14	0.08	0.02	0.02	0.02	0.08	0.16	0.46	0.52	0.52	0.52	0.52
G 95.0	0.26	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.37	0.48	0.48	0.48	0.48
G 97.5	0.26	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.46	0.46	0.46	0.46
G100.0	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.44	0.44	0.44	0.44
G102.5	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.43	0.43	0.43	0.43
G105.0	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.43	0.43	0.43	0.43
G107.5	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.40	0.40	0.40	0.40
G110.0	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.34	0.34	0.34	0.34
G112.5	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.29	0.29	0.29	0.29
G115.0	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17	0.17	0.17	0.17
G117.5	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.08	0.08	0.08
G120.0	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.06	0.06	0.06
G122.5	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05
G125.0	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04
G127.5	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05
G130.0	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05
G132.5	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
G135.0	0.02	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	0.02	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	0.02	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	0.02	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	0.02	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	0.01	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	0.01	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	0.01	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

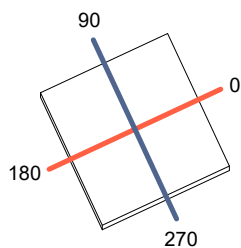
Code 4538
Name PALO ALTO 4538 CON UGR

Measurem.

Code (S)CL252A21F032G+CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4538 CON UGR

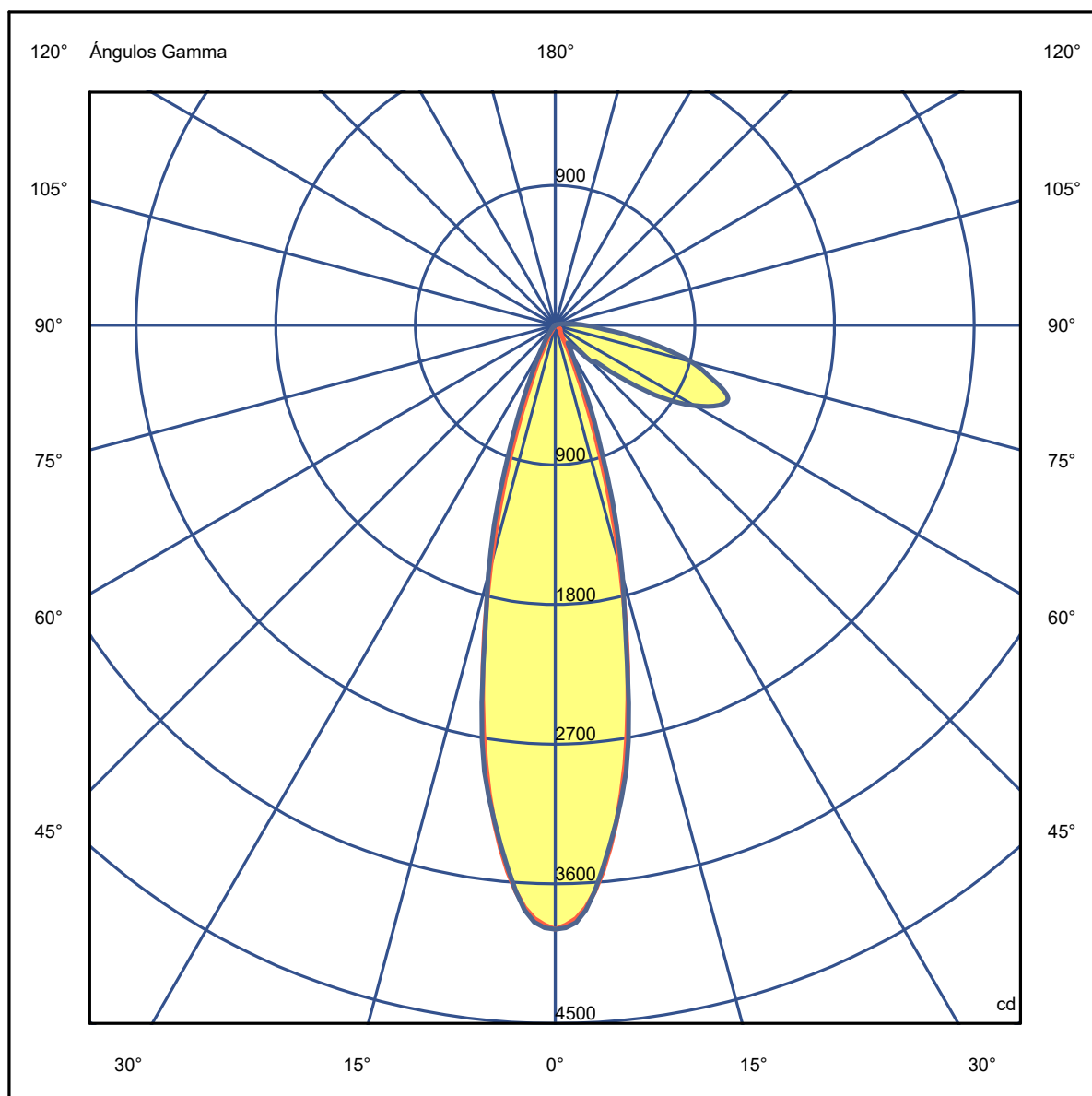
Luminaire Flux	2979.29 lm	Luminaire Power	42.00 W	Efficacy	70.94 lm/W	Efficiency	100.00%
Sources Flux	2979.29 lm	Maximum value	3892.74 cd	Position	C=0.00 G=0.00	CG Asymmetrical	

1470mm x 1410mm



Semiplanos C

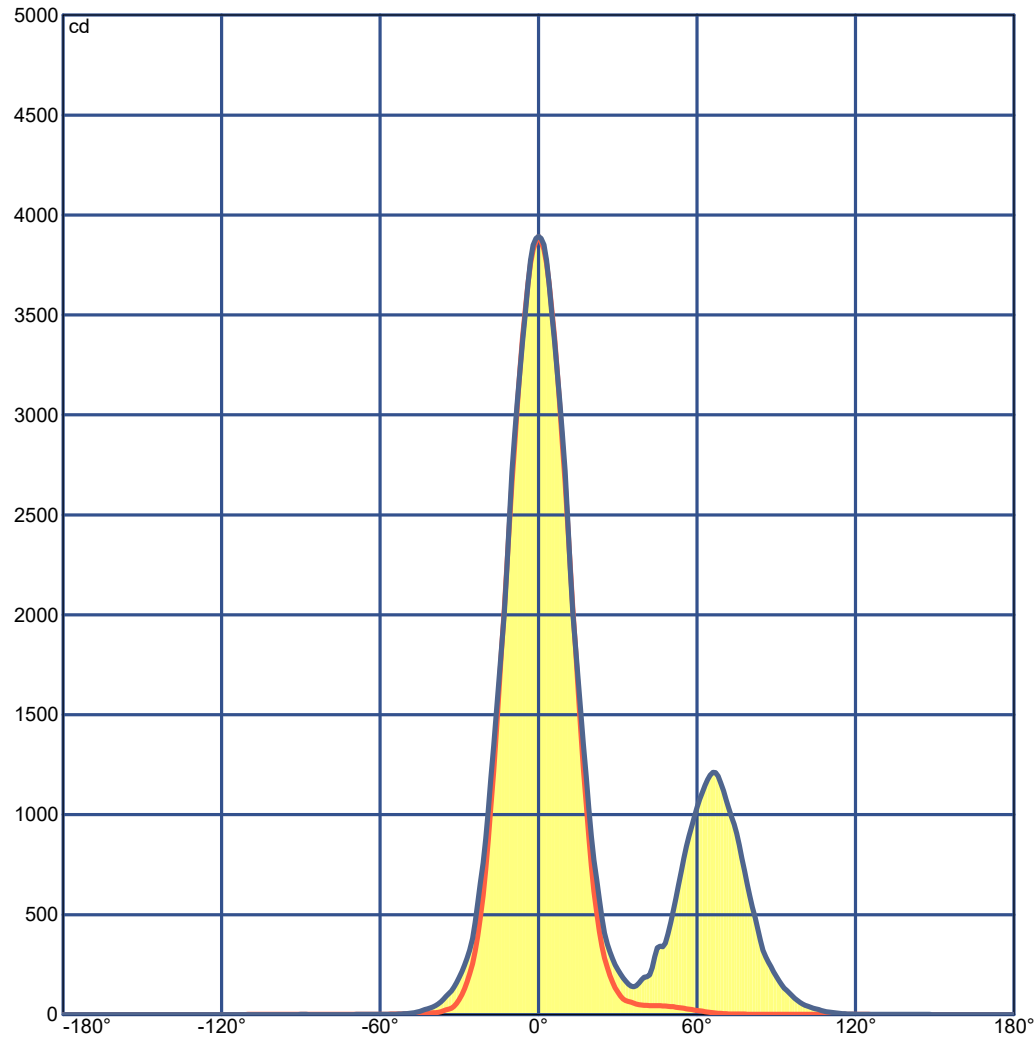
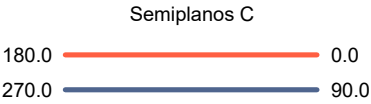
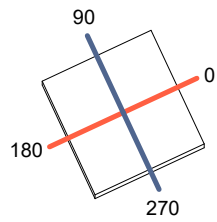
180.0 ————— 0.0
270.0 ————— 90.0



Luminaire
Code 4538
Name PALO ALTO 4538 CON UGR
Measurem.
Code (S)CL252A21F032G+CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4538 CON UGR

Luminaire Flux	2979.29 lm	Luminaire Power	42.00 W	Efficacy	70.94 lm/W	Efficiency	100.00%
Sources Flux	2979.29 lm	Maximum value	3892.74 cd	Position	C=0.00 G=0.00	CG	Asymmetrical

1470mm x 1410mm



Luminaire

Code 4538
Name PALO ALTO 4538 CON UGR

Measurem.

Code (S)CL252A21F032G+CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4538 CON UGR

Luminaire Flux	2979.29 lm	Luminaire Power	42.00 W	Efficacy	70.94 lm/W	Efficiency	100.00%
Sources Flux	2979.29 lm	Maximum value	3892.74 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	4.9	6.4	5.3	6.7	6.9	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	4.9	6.2	5.2	6.5	6.8	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	4.8	6.0	5.1	6.4	6.7	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	4.7	5.9	5.1	6.2	6.6	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	4.6	5.8	5.0	6.2	6.5	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	4.6	5.7	5.0	6.1	6.5	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	21.1	22.4	21.5	22.7	23.0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	21.0	22.2	21.4	22.5	22.9	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	21.0	22.0	21.4	22.4	22.7	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	20.9	21.8	21.3	22.2	22.6	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	20.8	21.7	21.3	22.1	22.5	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	20.8	21.6	21.3	22.0	22.5	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	27.0	27.8	27.5	28.2	28.7	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	26.9	27.6	27.4	28.1	28.6	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	26.9	27.5	27.4	28.0	28.5	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	26.9	27.4	27.4	27.9	28.4	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	34.3	35.1	34.8	35.5	36.0	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	34.3	34.9	34.8	35.4	35.9	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	34.3	34.8	34.8	35.3	35.8	< 0	< 0	< 0	< 0	< 0

Luminaire

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Measurem.

Code (S)CL252A21F032G+CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4538 CON UGR

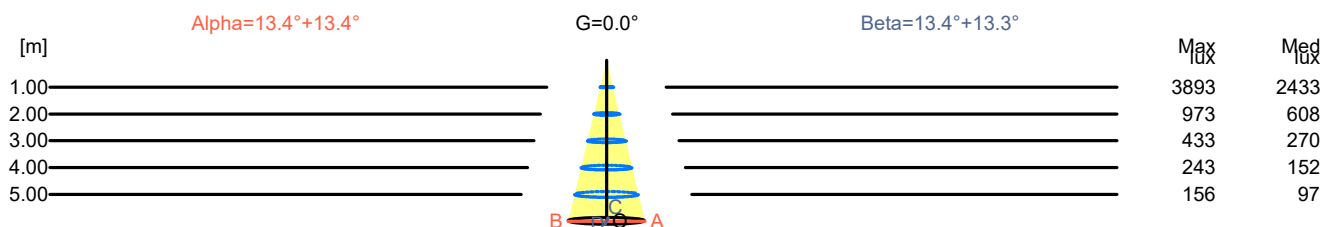
Luminaire Flux	2979.29 lm	Luminaire Power	42.00 W	Efficacy	70.94 lm/W	Efficiency	100.00%
Sources Flux	2979.29 lm	Maximum value	3892.74 cd	Position	C=0.00 G=0.00	CG Asymmetrical	

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	0.95	1.19	OC	0.24	0.47	0.71	0.95	1.19
OB	0.24	0.48	0.71	0.95	1.19	OD	0.24	0.47	0.71	0.95	1.18

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	3892.74	3533.95	1617.31	283.32	61.91	44.22	31.12	10.83	2.58	1.39
OB	3892.74	3532.74	1608.49	254.83	23.68	5.43	2.24	1.42	1.08	0.96
OC	3892.74	3513.81	1671.45	407.52	141.64	333.56	782.86	1198.14	905.36	321.98
OD	3892.74	3512.04	1665.52	380.50	90.85	15.89	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	3893	2433		
2.00	0.95	973	608		
3.00	1.43	433	270		
4.00	1.91	243	152		
5.00	2.38	156	97		

H[m]	D[m]	Max lux	Med lux	Beta=13.3°+13.4°	G=0.0
1.00	0.47	3893	2433		
2.00	0.95	973	608		
3.00	1.42	433	270		
4.00	1.90	243	152		
5.00	2.37	156	97		

Luminaire

Code 4538
Name PALO ALTO 4538 CON UGR

Measur.

Code (S)CL252A21F032G+CL252A21F032GE1+CL252A21F032GE2
Name PALO ALTO 4538 CON UGR

Luminaire Flux	2979.29 lm	Luminaire Power	42.00 W	Efficacy	70.94 lm/W	Efficiency	100.00%
Sources Flux	2979.29 lm	Maximum value	3892.74 cd	Position	C=0.00 G=0.00	CG Asymmetrical	

Flujo Total=2979.29 Flujo Luminaria=2979.29

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	0.26	0.32	0.38	0.45	0.51	0.60	0.66	0.71	0.77	0.82	0.91	0.96
RC	6	7	7	7	7	7	7	7	6	6	6	5

Flujo Zonal por 1000 Lúmenes

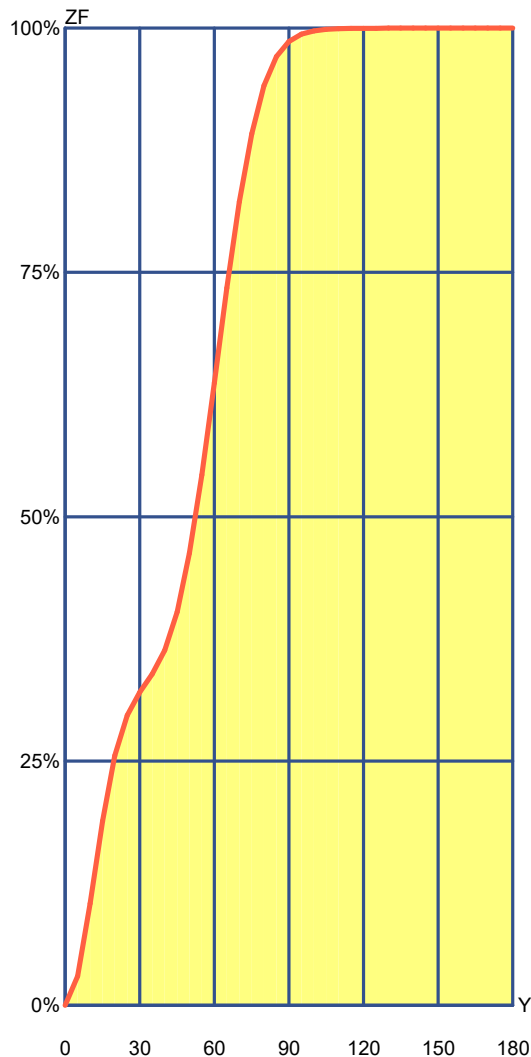
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	104	256	320	363	462	637	822	941	986	997	999	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

38 65 91 99 100

C.I.E. 6/7/7/7/7/7/7/6/6/5
D DIN 5040 A21
F UTE 0.99 G + 0.01 T
B NBN BZ 5 / 0.8 / BZ 6 / 2.5 / BZ 5
RN 1.36439 %
BLF 1.0

LOR 100.00000 %
ULOR 1.36439 %
DLOR 98.63561 %
UFF 1.36439 %
DFF 98.63561 %
FFR 1.38326 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	29.83	29.83	2.98 %	2.98 %
10°	74.22	104.05	7.42 %	10.41 %
15°	84.61	188.66	8.46 %	18.87 %
20°	66.94	255.60	6.69 %	25.56 %
25°	41.04	296.64	4.10 %	29.66 %
30°	23.80	320.44	2.38 %	32.04 %
35°	18.58	339.02	1.86 %	33.90 %
40°	24.16	363.18	2.42 %	36.32 %
45°	39.42	402.59	3.94 %	40.26 %
50°	59.87	462.46	5.99 %	46.25 %
55°	80.13	542.59	8.01 %	54.26 %
60°	94.26	636.85	9.43 %	63.69 %
65°	97.29	734.14	9.73 %	73.41 %
70°	88.03	822.17	8.80 %	82.22 %
75°	69.87	892.04	6.99 %	89.20 %
80°	48.89	940.93	4.89 %	94.09 %
85°	29.81	970.75	2.98 %	97.07 %
90°	15.61	986.36	1.56 %	98.64 %
95°	7.43	993.79	0.74 %	99.38 %
100°	3.33	997.12	0.33 %	99.71 %
105°	1.48	998.61	0.15 %	99.86 %
110°	0.67	999.27	0.07 %	99.93 %
115°	0.32	999.59	0.03 %	99.96 %
120°	0.15	999.74	0.02 %	99.97 %
125°	0.08	999.83	0.01 %	99.98 %
130°	0.06	999.88	0.01 %	99.99 %
135°	0.04	999.93	0.00 %	99.99 %
140°	0.03	999.96	0.00 %	100.00 %
145°	0.02	999.98	0.00 %	100.00 %
150°	0.01	999.99	0.00 %	100.00 %
155°	0.01	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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Measurem.

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Name PALO ALTO 4538 CON UGR

Luminaire Flux	2979.29 lm	Luminaire Power	42.00 W	Efficacy	70.94 lm/W	Efficiency	100.00%
Sources Flux	2979.29 lm	Maximum value	3892.74 cd	Position	C=0.00 G=0.00	CG	Asymmetrical

Isolux (Floor)

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

