

REFLECTOR LED

El testeo es una prueba propia del fabricante o distribuidor, cuyos valores serán reflejados en el display o módulos para ello se calculara las siguiente magnitudes; Voltaje, Amperaje, potencia real, Factor de potencia, Potencia en consumo anual, facturación anual.

Resultados:

Potencia Aparente: 500W
 Potencia Real: 486W
 Amperaje: 3.19 A
 Factor de Potencia: 0.72
 Consumo anual: 1419 Kwh



EN GOLED PERU se realizaron el testeo para las 14 unid de Reflectores LED de nuestra sub_marca everleo , cuyos parámetros fueron reflejados líneas arriba .



Fig 1.Prueba de Testeo

Superficie de cálculo 1 / Iluminancia perpendicular

Factor de degradación: 0.80

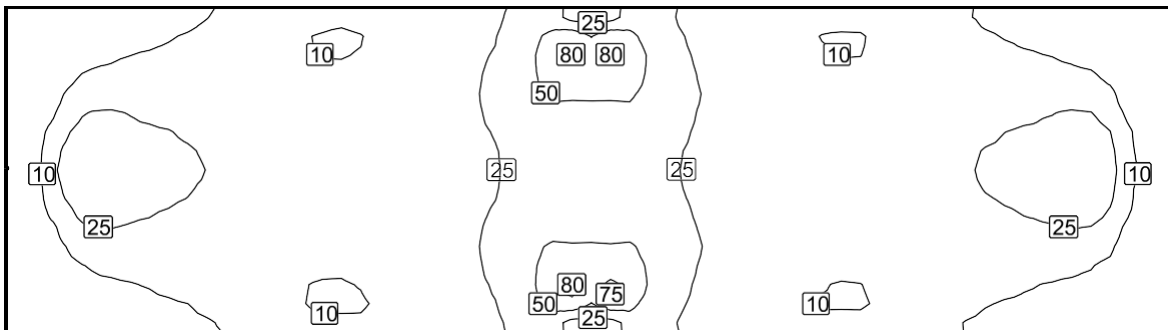
Superficie de cálculo 1: Iluminancia perpendicular (Trama)

Escena de luz: Escena de luz 1

Media: 18.2 lx, Min: 0.73 lx, Max: 81.2 lx, Mín./medio: 0.040, Mín./máx.: 0.009

Altura: 0.000 m

Isolíneas [lx]



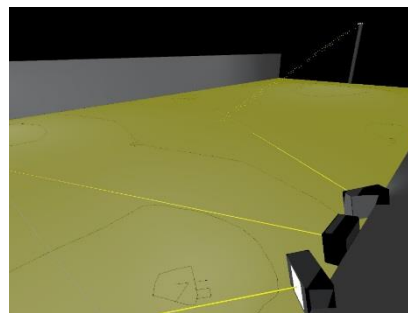
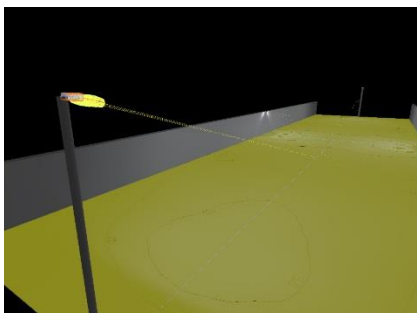
Escala: 1 : 1250

Terreno 1

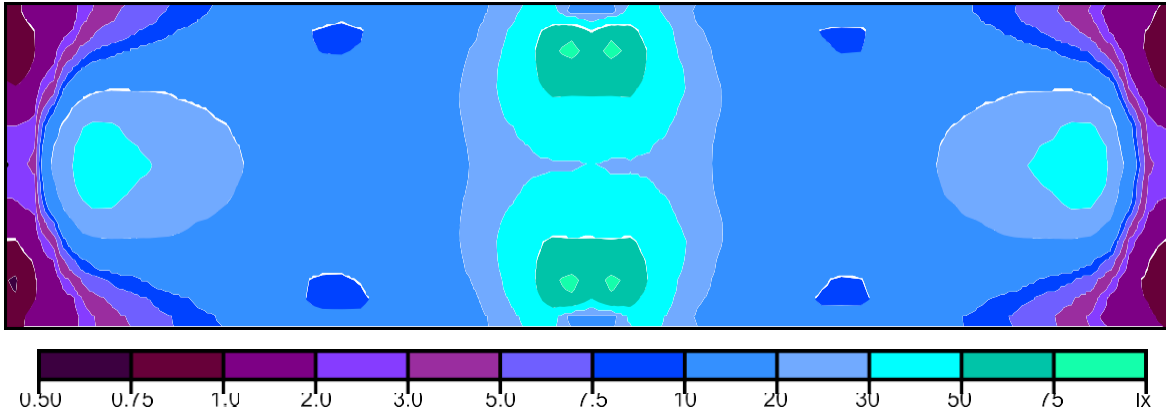
Número de unidades	Luminaria (Emisión de luz)
12	GOLED – RF –T500W S-WB Emisión de luz 1 Lámpara: 1xSON-T500W Grado de eficacia de funcionamiento: 69.91% Flujo luminoso de lámparas: 50000 lm Potencia: 500 W Rendimiento lumínico: 100 lm/W Marca: GOLED 1xSON-T400W: CCT 5000 K, CRI 100



Nota: Cálculo y distribución de lámparas solo para la marca GoLED



Colores falsos [lx]



Escala: 1 : 1250

Sistema de valores [lx]

0.91	1.7	5.4	8.9	11	10	10	12	17	33	16	33	17	12	10	11	11	8.8	5.3	1.6	0.8
0.77	3.9	10.0	13	12	10	10	13	21	48	66	47	21	13	10	10	12	13	9.8	3.6	0.7
1.0	14	20	18	15	11	11	14	24	45	52	44	24	14	11	12	15	18	19	13	0.9
2.0	26	28	24	18	13	12	14	22	35	37	35	22	15	12	13	18	24	28	25	1.9
2.8	30	32	27	20	14	13	15	21	29	30	29	21	15	13	14	20	27	32	30	2.8
1.9	25	28	23	18	13	12	14	22	35	37	35	22	15	12	13	18	24	28	25	1.8
0.97	13	19	18	14	11	11	14	24	45	52	45	24	14	11	11	15	18	19	13	0.9
0.73	3.6	9.3	12	12	10	10	13	21	48	65	48	21	13	10	10	12	12	9.3	3.3	0.7
0.88	1.6	5.2	8.6	11	10	10	12	17	34	16	34	17	12	10	10	11	8.6	5.2	1.6	0.8

Escala: 1 : 1250

Tabla de valores [lx]

m	-95.410	-92.230	-89.049	-85.869	-82.689	-79.508	-76.328	-73.148	-69.967	-66.787	-63.607	-60.426	-57.246	-54.066	-50.885
25.278	0.91	1.17	1.38	1.66	3.02	4.42	5.43	6.38	7.66	8.93	9.92	10.6	10.9	10.9	10.7
22.118	0.78	1.01	1.24	2.03	4.42	5.71	6.81	8.07	9.39	10.4	11.2	11.5	11.4	11.0	10.5
18.958	0.77	0.99	1.44	3.95	7.02	8.52	9.95	11.0	12.2	12.9	13.2	12.9	12.2	11.4	10.7
15.799	0.83	1.06	2.26	7.73	11.8	13.4	14.3	15.1	15.8	15.8	15.3	14.4	13.2	12.1	11.3
12.639	1.03	1.28	4.09	13.8	18.5	19.6	19.5	19.6	19.3	18.3	17.4	16.1	14.6	13.2	12.2
9.479	1.37	1.72	8.28	20.3	25.7	26.2	24.5	23.5	22.5	21.0	19.7	18.1	16.3	14.6	13.2
6.319	1.99	2.43	15.2	25.9	31.9	31.4	28.2	26.5	25.4	23.8	22.3	20.3	17.9	15.9	14.3
3.160	2.56	2.99	20.0	29.5	33.9	33.3	30.8	29.2	27.7	25.9	24.3	21.9	19.3	17.0	15.1
0.000	2.79	3.10	23.1	30.1	32.7	33.7	31.6	30.3	28.4	26.8	24.9	22.4	19.8	17.4	15.4
-3.160	2.49	2.87	19.0	29.4	34.0	33.2	30.5	28.9	27.4	25.7	24.0	21.8	19.2	16.8	15.0
-6.319	1.90	2.35	14.9	25.2	31.2	30.9	27.7	26.1	25.0	23.4	22.0	20.0	17.7	15.7	14.1
-9.479	1.33	1.67	7.65	19.5	24.8	25.4	23.9	23.0	22.1	20.6	19.4	17.8	16.0	14.4	13.1
-12.639	0.97	1.23	3.63	12.9	17.6	18.7	18.8	19.0	18.9	18.0	17.1	15.9	14.3	13.0	12.0
-15.799	0.81	1.04	2.07	7.09	11.0	12.6	13.6	14.4	15.3	15.3	15.0	14.2	13.0	12.0	11.2
-18.958	0.73	0.96	1.29	3.57	6.56	7.98	9.33	10.5	11.7	12.5	12.8	12.6	12.0	11.2	10.6
-22.118	0.77	0.98	1.21	1.88	4.10	5.37	6.43	7.70	8.97	10.00	10.9	11.2	11.1	10.7	10.4
-25.278	0.88	1.12	1.35	1.61	2.83	4.20	5.19	6.13	7.28	8.62	9.64	10.3	10.6	10.6	10.5

m	-47.705	-44.525	-41.344	-38.164	-34.984	-31.803	-28.623	-25.443	-22.262	-19.082	-15.902	-12.721	-9.541	-6.361	-3.180	0.000
25.278	10.4	10.3	10.2	10.4	10.4	10.9	11.6	12.6	14.3	17.0	21.5	28.2	33.2	35.1	15.6	15.6
22.118	10.1	9.92	9.83	9.95	10.3	10.9	11.9	13.5	15.8	19.2	24.3	32.2	41.7	58.7	69.7	49.0
18.958	10.2	9.97	9.94	10.1	10.6	11.4	12.7	14.5	17.1	21.0	26.3	34.9	47.6	69.8	81.0	66.2



Terreno 1 / Superficie de cálculo 1 / Iluminancia perpendicular

m	-47.705	-44.525	-41.344	-38.164	-34.984	-31.803	-28.623	-25.443	-22.262	-19.082	-15.902	-12.721	-9.541	-6.361	-3.180	0.000
15.799	10.7	10.4	10.4	10.6	11.0	12.0	13.2	15.3	18.1	22.5	28.7	36.7	47.2	60.4	62.8	62.3
12.639	11.4	11.0	10.9	11.0	11.5	12.3	13.7	15.8	19.0	23.8	29.3	36.0	44.6	52.7	52.1	52.2
9.479	12.3	11.7	11.5	11.6	11.9	12.8	14.1	16.2	19.3	23.1	27.8	33.6	40.6	44.4	44.1	44.6
6.319	13.1	12.4	12.0	12.1	12.4	13.2	14.5	16.5	18.8	21.8	25.8	30.3	34.7	36.3	36.2	36.8
3.160	13.7	12.8	12.5	12.4	12.8	13.5	14.8	16.3	18.4	21.0	24.2	28.0	30.6	31.2	31.1	31.7
0.000	13.9	13.0	12.6	12.6	12.9	13.7	14.7	16.3	18.2	20.7	23.9	27.3	29.2	29.7	29.7	30.1
-3.160	13.7	12.8	12.4	12.4	12.8	13.5	14.7	16.3	18.3	20.9	24.3	28.0	30.6	31.1	31.2	31.7
-6.319	13.0	12.3	12.0	12.0	12.4	13.2	14.5	16.5	18.8	21.9	25.7	30.2	34.6	36.3	36.2	36.8
-9.479	12.2	11.6	11.4	11.5	11.9	12.7	14.1	16.3	19.2	23.0	27.7	33.7	40.4	44.1	43.9	44.3
-12.639	11.3	10.9	10.9	10.9	11.4	12.3	13.6	15.8	19.1	23.8	29.3	35.8	44.5	52.7	51.8	52.0
-15.799	10.6	10.3	10.2	10.5	11.0	11.9	13.3	15.2	18.2	22.6	28.8	36.5	47.2	60.2	62.4	61.5
-18.958	10.1	9.88	9.88	10.1	10.5	11.5	12.6	14.6	17.1	21.0	26.5	34.9	47.6	69.7	80.6	64.9
-22.118	10.0	9.80	9.80	9.85	10.2	10.9	12.0	13.5	15.9	19.2	24.4	32.3	41.6	58.6	69.6	49.0
-25.278	10.3	10.2	10.2	10.2	10.4	10.8	11.6	12.6	14.4	17.0	21.5	28.5	33.5	36.0	15.1	15.8

m	3.180	6.361	9.541	12.721	15.902	19.082	22.262	25.443	28.623	31.803	34.984	38.164	41.344	44.525	47.705	50.885	54.066
25.278	15.4	35.6	33.2	28.2	21.5	16.9	14.3	12.7	11.6	10.9	10.6	10.3	10.3	10.3	10.5	10.7	10.8
22.118	70.0	58.4	41.6	32.2	24.2	19.2	15.9	13.5	11.9	10.9	10.3	9.96	9.91	9.91	10.2	10.6	11.0
18.958	81.2	69.7	47.4	34.9	26.4	21.0	17.1	14.5	12.7	11.4	10.6	10.2	9.96	9.98	10.3	10.8	11.5
15.799	63.0	60.3	47.3	36.4	28.8	22.5	18.2	15.3	13.3	11.9	11.1	10.6	10.4	10.4	10.8	11.4	12.3
12.639	52.2	52.7	44.4	36.0	29.4	23.8	19.1	15.8	13.7	12.3	11.5	11.1	11.0	11.1	11.5	12.3	13.3
9.479	44.1	44.3	40.5	33.6	27.8	23.1	19.3	16.2	14.1	12.8	12.0	11.6	11.5	11.8	12.4	13.4	14.7
6.319	36.2	36.4	34.7	30.3	25.9	21.8	18.9	16.5	14.6	13.2	12.5	12.1	12.2	12.5	13.2	14.4	16.0
3.160	31.2	31.2	30.5	28.1	24.3	20.9	18.4	16.4	14.8	13.6	12.9	12.6	12.6	12.9	13.9	15.3	17.1
0.000	29.6	29.6	29.1	27.3	23.9	20.8	18.3	16.3	14.8	13.8	13.0	12.6	12.7	13.2	14.1	15.6	17.6
-3.160	31.1	31.0	30.5	27.9	24.4	21.0	18.4	16.4	14.9	13.6	12.9	12.5	12.5	12.9	13.8	15.2	17.0
-6.319	36.0	36.1	34.7	30.3	25.8	21.9	19.0	16.6	14.6	13.2	12.4	12.1	12.1	12.4	13.2	14.3	15.9
-9.479	43.6	43.8	40.4	33.5	27.9	23.2	19.4	16.3	14.2	12.8	12.0	11.6	11.5	11.7	12.3	13.2	14.5
-12.639	51.3	52.4	44.5	36.0	29.6	24.1	19.3	16.0	13.8	12.4	11.5	11.0	10.9	11.0	11.4	12.2	13.2
-15.799	62.0	60.0	47.3	36.8	29.0	22.9	18.4	15.4	13.3	12.0	11.1	10.6	10.3	10.4	10.8	11.3	12.1
-18.958	79.7	69.9	48.2	35.5	26.8	21.2	17.3	14.6	12.8	11.6	10.7	10.1	9.92	9.97	10.2	10.7	11.3
-22.118	68.5	58.9	42.1	32.8	24.6	19.6	16.0	13.7	12.0	11.0	10.3	9.89	9.89	9.87	10.1	10.5	10.8
-25.278	15.2	33.2	33.6	28.9	21.9	17.2	14.4	12.8	11.7	11.0	10.5	10.3	10.3	10.3	10.4	10.5	10.7

m	57.246	60.426	63.607	66.787	69.967	73.148	76.328	79.508	82.689	85.869	89.049	92.230	95.410
25.278	10.9	10.6	9.90	8.82	7.57	6.30	5.32	4.36	2.86	1.57	1.32	1.12	0.87
22.118	11.4	11.6	11.2	10.3	9.23	7.96	6.70	5.62	4.20	1.87	1.22	0.98	0.76
18.958	12.3	13.0	13.2	12.8	12.1	10.9	9.76	8.39	6.79	3.64	1.25	0.96	0.76
15.799	13.3	14.5	15.4	15.8	15.8	14.9	14.1	13.2	11.5	7.31	1.86	1.04	0.81
12.639	14.7	16.2	17.5	18.4	19.4	19.5	19.5	19.5	18.2	13.3	2.87	1.26	0.98
9.479	16.4	18.3	19.8	21.0	22.6	23.5	24.6	26.2	25.4	19.7	6.23	1.74	1.34
6.319	18.1	20.5	22.4	23.9	25.5	26.6	28.4	31.6	31.6	25.3	11.9	2.44	1.91
3.160	19.5	22.2	24.4	26.1	27.8	29.3	31.0	33.4	34.0	29.1	13.6	2.93	2.47
0.000	20.1	22.7	25.1	26.9	28.6	30.4	31.8	33.7	32.7	29.7	17.0	3.14	2.84
-3.160	19.4	22.0	24.3	25.9	27.6	29.0	30.8	33.3	34.1	28.9	12.9	2.92	2.43
-6.319	18.0	20.3	22.1	23.6	25.2	26.3	28.0	31.2	31.1	24.7	11.4	2.36	1.83
-9.479	16.2	18.0	19.5	20.8	22.2	23.1	24.1	25.6	24.6	19.1	5.88	1.65	1.29
-12.639	14.6	16.0	17.2	18.2	19.0	19.0	18.9	18.8	17.4	12.6	2.71	1.23	0.97
-15.799	13.2	14.3	15.1	15.5	15.3	14.4	13.6	12.6	10.9	6.79	1.76	1.02	0.79
-18.958	12.1	12.8	12.8	12.4	11.6	10.5	9.31	7.95	6.43	3.32	1.21	0.95	0.74
-22.118	11.1	11.3	10.8	9.97	8.90	7.65	6.38	5.36	4.01	1.80	1.19	0.97	0.75

Terreno 1 / Superficie de cálculo 1 / Iluminancia perpendicular

m	57.246	60.426	63.607	66.787	69.967	73.148	76.328	79.508	82.689	85.869	89.049	92.230	95.410
-25.278	10.7	10.3	9.56	8.58	7.20	6.11	5.16	4.22	2.71	1.58	1.31	1.10	0.89