

ANEXO 26-0295-1-A RALED III 80 LED RA17-RA11 (15-5) 235W

DRIVER SOSEN SS-250VH-A358BE
MODULO FF BOARD 2X8/740 5050 DA_UHE (4K)
SPD Clamper Light 15KA
Lentes : RA17-RA11 (15-5)
Corriente de programacion: 940mA



Light Output Ratio:	100.0%
Luminaire Power:	235.4 W
I80 = 15.5 cd per klm.	I88 = 1.4 cd per klm.
I90 = 0.0 cd per klm.	I80/I88 = 10.883

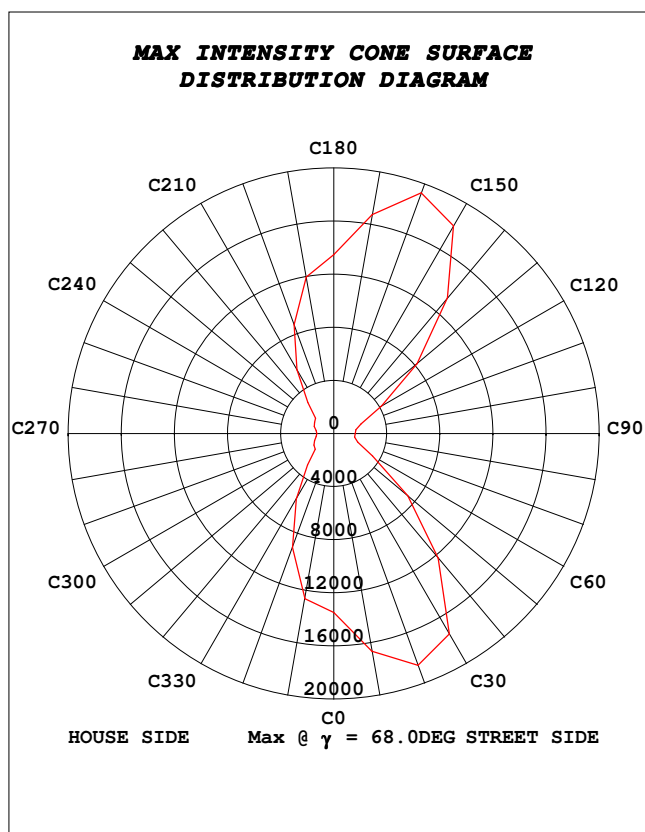
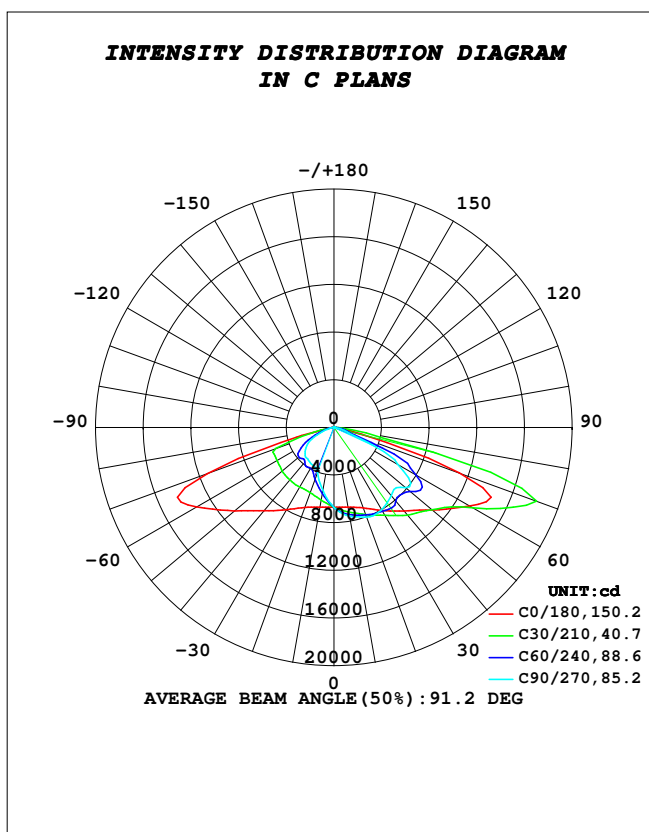
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity: MAX: 55.1-MIN: 44.2%
Test Distance: 7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
DRIVER SOSEN SS-250VH-A358BE
MOD FF BOARD 2X8/740 5050 DA_UHE (4K)
Lentes : RA17-RA11 (15-5)

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.14V I:1.0809A P:235.44W PF:0.9895 Freq:60.01Hz Lamp Flux:34158x1 lm		
NAME: ANEXO 26-0295-1-A RALED III 80 LED	TYPE: Alumbrado Publico	WEIGHT: ----
SPEC.: 80 LED 235W	DIM.: ----	SERIAL No.: 26-0295-1
MFR.: ROY ALPHA S.A	SUR.: ----	Shielding Angle: ----

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.08 lm/W			
MODEL	2X8/740 5050	Imax(cd)	19294	η street_up(%)	0.0
NOMINAL POWER(W)	235	LOR(%)	100.0	η street_down(%)	64.5
RATED VOLTAGE(V)	---	TOTAL FLUX(lm)	34158	η house_up(%)	0.0
NOMINAL FLUX(lm)	34158	MAXIMUM @ (C, γ)	160,68.0	η house_down(%)	35.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	

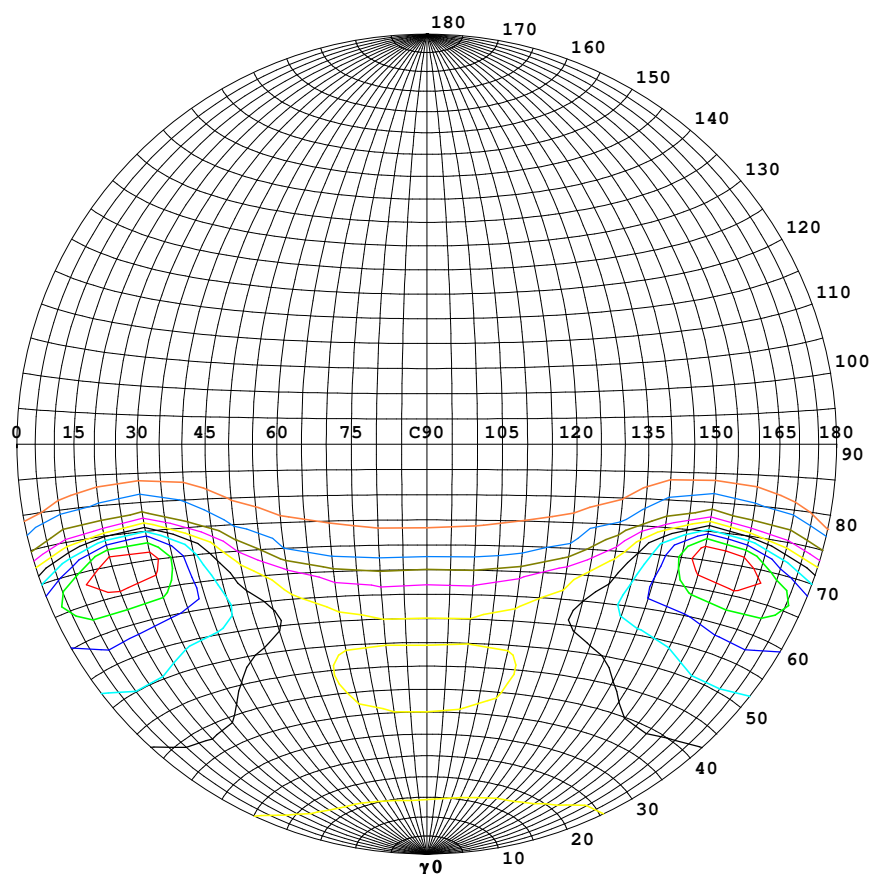


C Range: 0 - 360 DEG
C Interval: 10.0 DEG
Test Speed: HIGH
Temperature: 25 $\pm$ 1 $^{\circ}$ C DEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180 DEG
 γ Interval: 2.0 DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity: MAX: 55.1-MIN: 44.2%
Test Distance: 7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
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STREETLIGHT ISOCANDELA DIAGRAM

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SPEC.:80 LED 235W	DIM.: ----	SERIAL No.:26-0295-1
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



Classification:

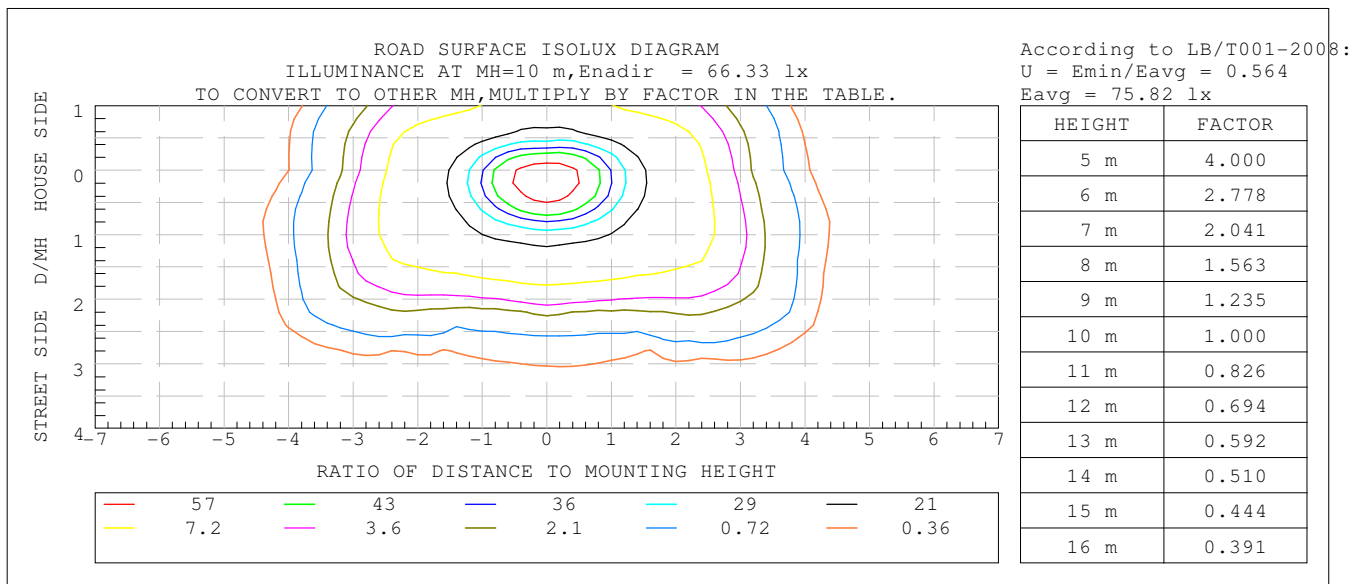
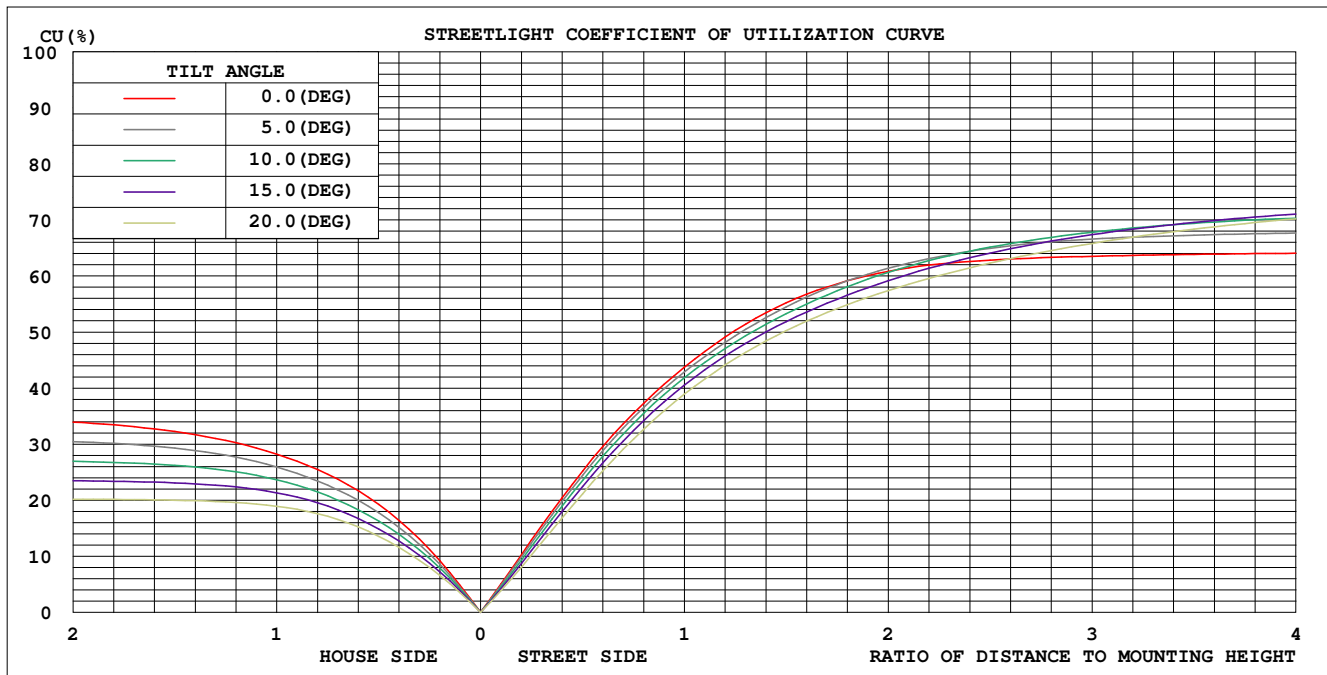
IES:Type III - Medium
CIE:Broad - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:90.06cd/klm
Max.At90:0cd/klm
Max.80-90:90.06cd/klm
NRB 5101:Limited[4.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	19294
90%	17365
80%	15435
70%	13506
60%	11577
50%	9647
40%	7718
30%	5788
20%	3859
10%	1929
5%	965

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Kevin Delgado
Test Date:2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:55.1-MIN:44.2%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
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MOD FF BOARD 2X8/740 5050 DA_UHE (4K)
Lentes : RA17-RA11 (15-5)

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



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C Interval: 10.0DEG
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Temperature: 25±1°C DEG
Operators: Kevin Delgado
Test Date: 2026-05-26

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ZONAL FLUX DIAGRAM

Test:U:220.14V I:1.0809A P:235.44W PF:0.9895 Freq:60.01Hz Lamp Flux:34158x1 lm		
NAME: ANEXO 26-0295-1-A RALED III 80 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:80 LED 235W	DIM.: ----	SERIAL No.:26-0295-1
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

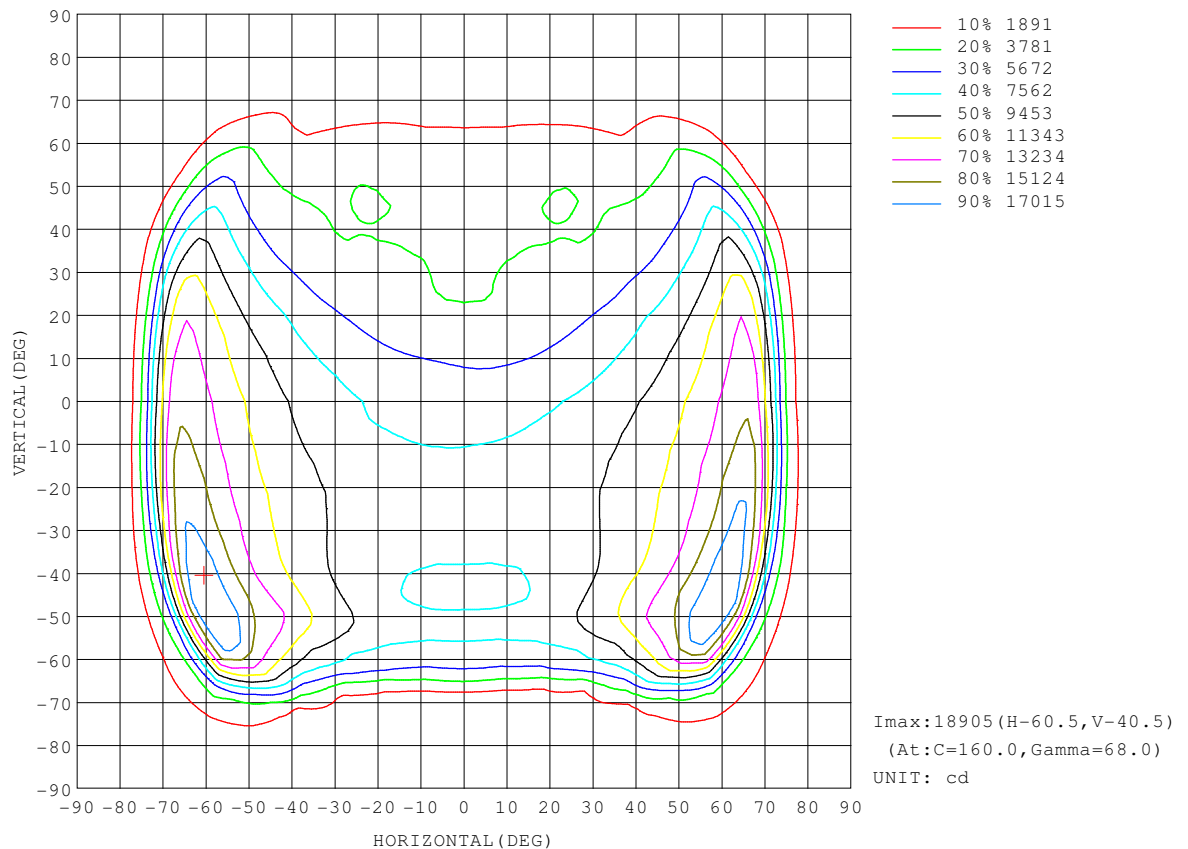
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	679.2	733.8	756.6	745.5	680.5	590.8	539.1	585.3	0- 10	636.9	636.9	1.86,1.86
20	719.5	777.2	800.6	796.3	715.8	519.3	407.6	519.0	10- 20	1868	2505	7.33,7.33
30	805.3	817.5	800.0	841.9	797.7	471.4	364.2	471.0	20- 30	3073	5579	16.3,16.3
40	915.5	876.0	748.3	904.6	914.4	430.2	345.4	437.7	30- 40	4330	9908	29,29
50	1081	965.3	785.4	988.1	1092	386.5	316.7	394.2	40- 50	5603	15512	45.4,45.4
60	1318	1155	618.0	1213	1336	339.9	240.4	343.5	50- 60	7115	22626	66.2,66.2
70	1121	868.8	134.0	972.1	1131	220.9	105.2	227.1	60- 70	7698	30324	88.8,88.8
80	53.09	133.3	32.14	151.6	53.99	47.43	21.74	43.28	70- 80	3539	33863	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	295.3	34158	100,100
100	0	0	0	0	0	0	0	0	90-100	0	34158	100,100
110	0	0	0	0	0	0	0	0	100-110	0	34158	100,100
120	0	0	0	0	0	0	0	0	110-120	0	34158	100,100
130	0	0	0	0	0	0	0	0	120-130	0	34158	100,100
140	0	0	0	0	0	0	0	0	130-140	0	34158	100,100
150	0	0	0	0	0	0	0	0	140-150	0	34158	100,100
160	0	0	0	0	0	0	0	0	150-160	0	34158	100,100
170	0	0	0	0	0	0	0	0	160-170	0	34158	100,100
180	0	0	0	0	0	0	0	0	170-180	0	34158	100,100
DEG	LUMINOUS INTENSITY: μ A10cd Less than 35% Percent = 13.7 %									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25 $\pm$ 1°CDEG
Operators:Kevin Delgado
Test Date:2026-05-26

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:55.1-MIN:44.2%
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Lentes : RA17-RA11 (15-5)

ISOCANDELA DIAGRAM

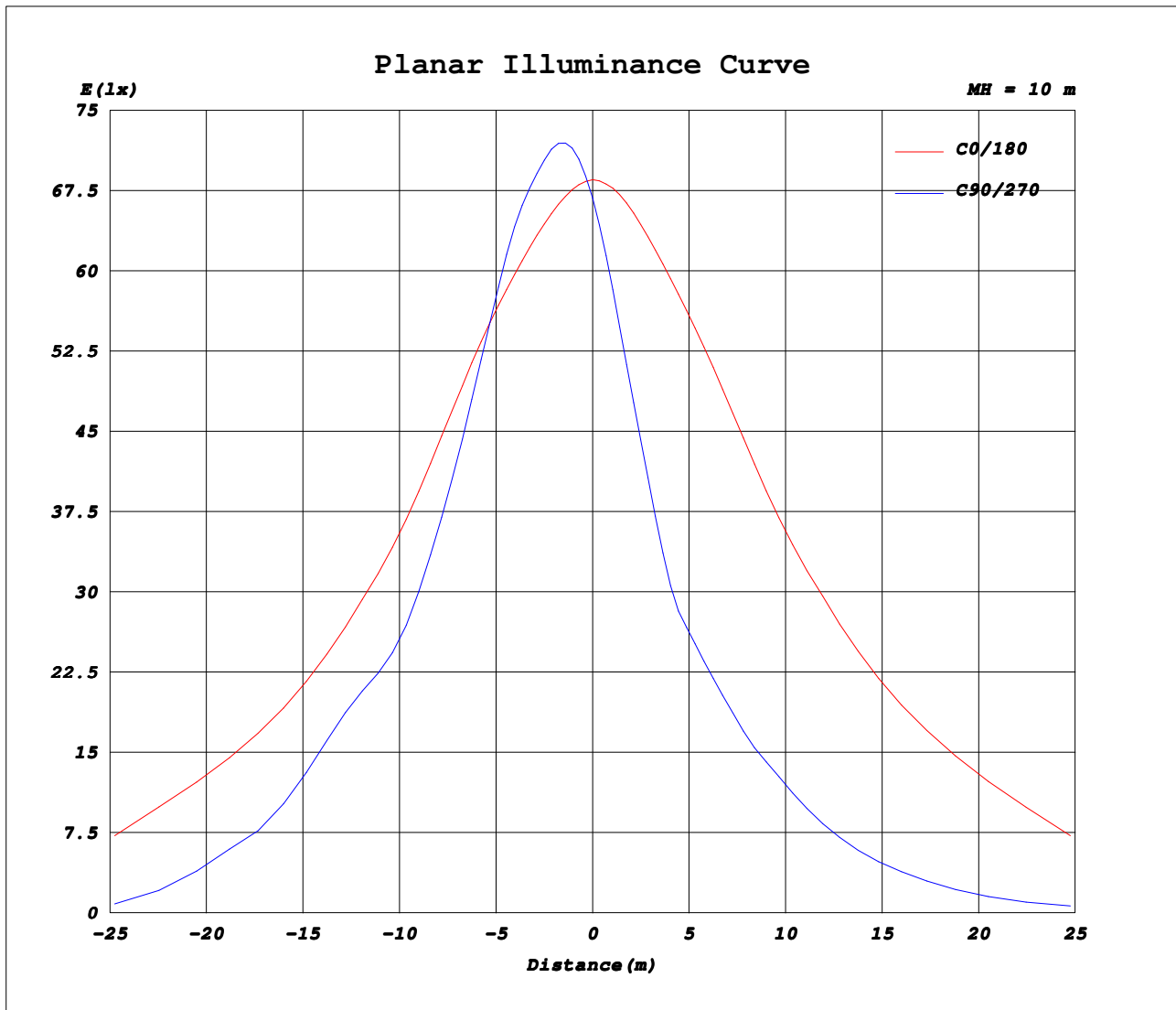
Test:U:220.14V I:1.0809A P:235.44W PF:0.9895 Freq:60.01Hz Lamp Flux:34158x1 lm		
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SPEC.:80 LED 235W	DIM.: ----	SERIAL No.:26-0295-1
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

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Planar Illuminance Curve



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MODULO FF BOARD 2X8/740 5050 DA_UHE (4K)
SPD Clamper Light 15KA
Lentes : RA17-RA11 (15-5)
Corriente de programacion: 940mA

Test Distance: 7.080 metres
Test Tempertature: 25±1°C degrees Celsius

Significance: ENSAYO FOTOMETRICO A LUMINARIAS
ROY ALPHA S.A
CALLE 15 No 32-598
Acopi Yumbo

Special Notes: EQUIPOS UTILIZADOS
Fotogoniómetro EQEN-023
Fuente de tensión INCO-011
Luxometro INME-039
Flexometro INME-041
Analizador de potencia INME-013
Controlador de Temperatura INME-046
Datalogger INME-021-1
El presente reporte de pruebas no se debe reproducir en forma parcial,
sin la aprobación del Laboratorio de ensayos de Roy Alpha.

Realizó/revisó Realizó: Revisó:
Kevin Delgado. Milton Chavarro.

Testing Procedure: Las prueba fue realizada de acuerdo con la norma LM 79 de 2024.
Tiempo de estabilizacion: 0:11':30"
Tiempo de ensayo: 0:30':51"

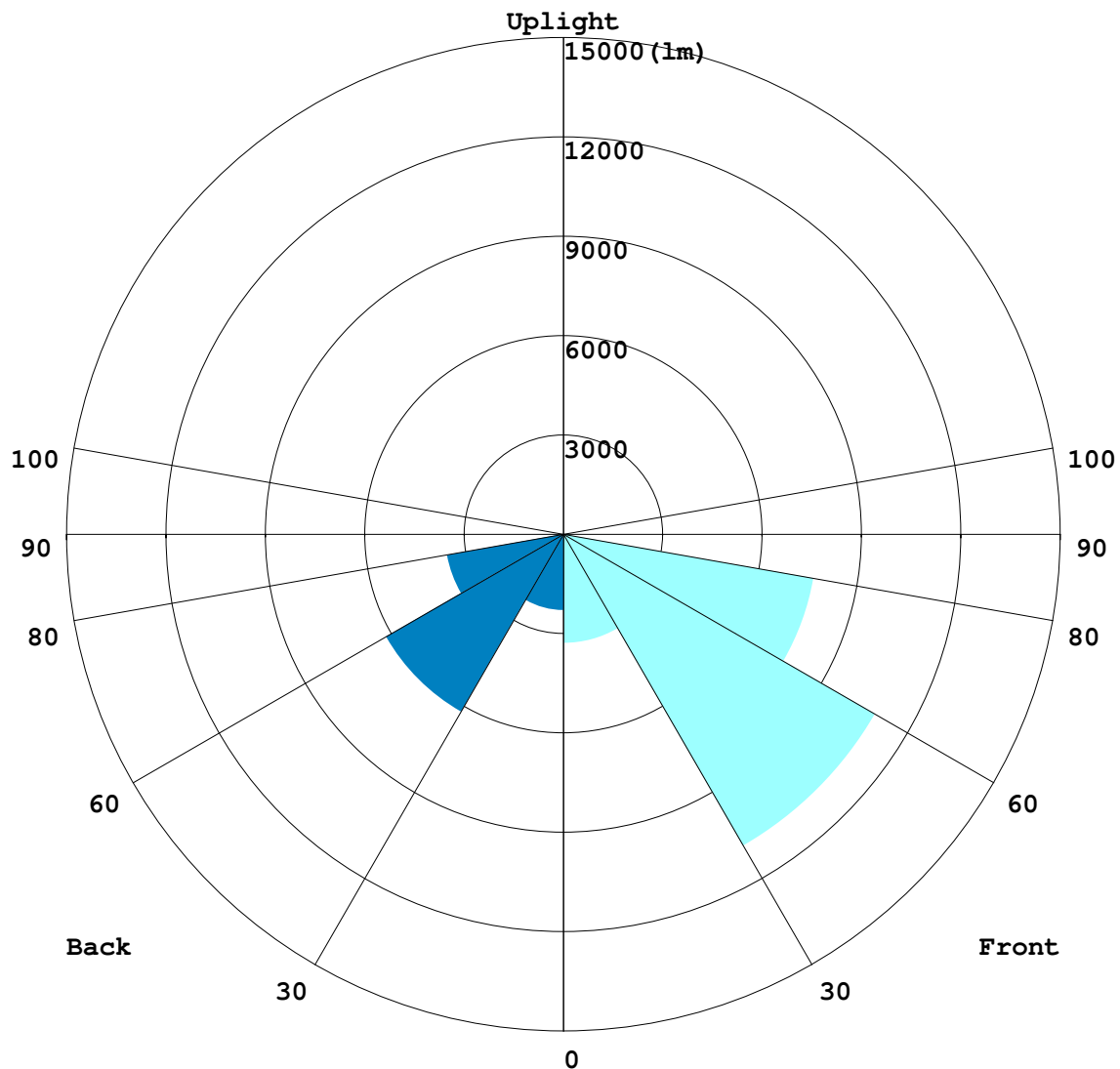
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LCS REPORT

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SPEC.:80 LED 235W	DIM.: ----	SERIAL No.:26-0295-1
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



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BUG REPORT

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MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3282.7	9.6
FM - Front-Medium(30-60)	10858	31.8
FH - Front-High(60-80)	7669	22.5
FVH - Front-Very High(80-90)	220.94	0.6
Total Forward Light	22030	64.5

BL - Back-Low(0-30)	2296.1	6.7
BM - Back-Medium(30-60)	6189.7	18.1
BH - Back-High(60-80)	3567.7	10.4
BVH - Back-Very High(80-90)	74.345	0.2
Total Back Light	12128	35.5

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG (Back, Up, Glare) Rating	B4-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12128	0	12128
Street Side	22030	0	22030

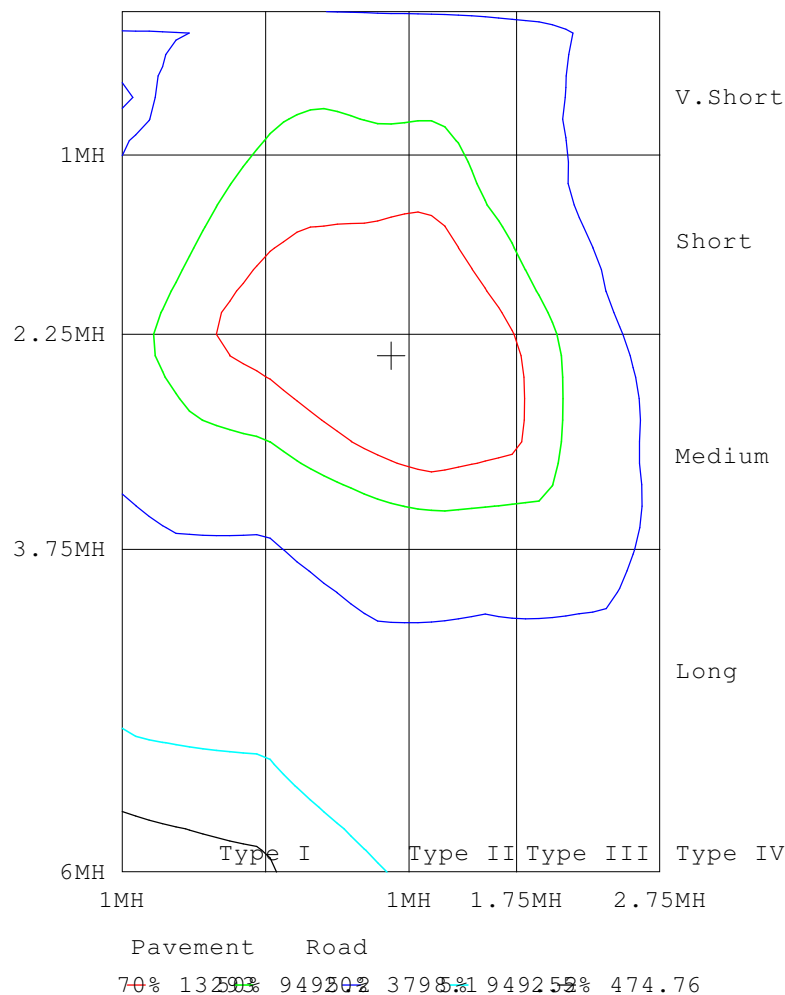
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ROAD ISOCANDELA REPORT

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SPEC.:80 LED 235W	DIM.: ----	SERIAL No.:26-0295-1
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

ROAD SURFACE ISOCANDELA DIAGRAM



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Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: μ A10cd

γ (DEG) \ C (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671
5	671	679	685	692	697	702	706	709	711	713	713	712	709	706	701	695	688	680	672
10	679	696	710	721	730	738	743	749	753	757	757	757	754	750	741	731	717	699	680
15	691	713	729	741	749	755	759	764	769	774	774	776	774	771	765	754	738	716	690
20	719	749	768	777	777	778	781	788	795	801	800	800	796	795	797	793	778	753	716
25	749	781	799	805	796	791	797	806	807	811	813	816	810	810	818	823	812	786	743
30	805	840	854	851	828	807	813	809	797	800	809	826	825	832	852	873	869	847	798
35	847	886	901	892	855	822	827	789	777	781	788	813	842	847	881	917	918	897	841
40	915	961	974	961	905	847	808	753	745	748	752	772	857	875	935	985	998	979	914
45	968	1021	1029	999	936	864	795	741	724	726	732	762	825	891	964	1029	1058	1045	973
50	1081	1134	1128	1075	1000	930	836	783	778	785	780	796	860	951	1025	1110	1167	1168	1092
55	1167	1229	1215	1146	1092	1011	898	817	788	798	797	838	928	1035	1103	1182	1262	1272	1180
60	1318	1412	1392	1349	1276	1033	794	657	613	618	622	695	850	1102	1324	1362	1449	1470	1336
65	1424	1574	1595	1555	1297	890	687	519	453	470	469	570	737	967	1391	1588	1656	1618	1430
70	1121	1471	1827	1810	1178	558	191	143	135	134	143	149	238	656	1289	1922	1904	1484	1131
75	463	813	1221	1369	698	216	119	102	89.1	89.5	95.0	109	124	313	869	1527	1259	809	466
80	53.1	133	205	277	179	87.9	55.7	37.8	32.0	32.1	33.7	42.4	63.5	94.1	209	308	215	130	54.0
85	19.7	41.7	65.8	85.7	74.1	31.5	19.8	14.3	13.0	11.2	12.5	15.8	23.1	35.7	86.3	90.9	70.3	41.4	19.1
90	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	0.00	0.00	0.00	0.00
95	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	0.00	0.00	0.00	0.00
100	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	0.00	0.00	0.00	0.00
105	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	0.00	0.00	0.00	0.00
110	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	0.00	0.00	0.00	0.00
115	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	0.00	0.00	0.00	0.00
120	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	0.00	0.00	0.00	0.00
125	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	0.00	0.00	0.00	0.00
130	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	0.00	0.00	0.00	0.00
135	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	0.00	0.00	0.00	0.00
140	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	0.00	0.00	0.00	0.00
145	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	0.00	0.00	0.00	0.00
150	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	0.00	0.00	0.00	0.00
155	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	0.00	0.00	0.00	0.00
160	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	0.00	0.00	0.00	0.00
165	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	0.00	0.00	0.00	0.00
170	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	0.00	0.00	0.00	0.00
175	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	0.00	0.00	0.00	0.00
180	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	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature: 25 $\pm$ 1°CDEG

Operators: Kevin Delgado

Test Date: 2026-05-26

γ Range: 0 - 180DEG

γ Interval: 2.0DEG

Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10

Humidity: MAX: 55.1-MIN: 44.2%

Test Distance: 7.080m [K=1.0000]

Remarks: ANEXO 26-0295-1-A RALED III 80 LED

DRIVER SOSEN SS-250VH-A358BE

MOD FF BOARD 2X8/740 5050 DA_UHE (4K)

Lentes : RA17-RA11 (15-5)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.14V I:1.0809A P:235.44W PF:0.9895 Freq:60.01Hz Lamp Flux:34158x1 lm		
NAME: ANEXO 26-0295-1-A RALED III 80 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:80 LED 235W	DIM.: ----	SERIAL No.:26-0295-1
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

Table--2

UNIT: μ A10cd

γ (DEG) \ C (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671	671		
5	665	657	649	642	636	631	626	623	622	622	625	628	634	640	647	656	664		
10	661	641	621	600	581	564	551	543	539	541	548	559	575	595	617	639	661		
15	663	634	603	573	546	522	503	491	486	490	500	518	542	569	601	634	666		
20	678	632	583	538	500	465	433	414	408	414	431	461	499	539	585	636	686		
25	698	639	577	523	472	426	393	376	372	378	393	423	471	526	581	643	707		
30	739	659	578	505	438	396	384	367	364	371	392	406	437	505	582	667	753		
35	772	679	580	488	421	402	384	359	359	363	386	418	425	488	585	688	787		
40	836	715	576	457	403	381	358	346	345	349	364	385	415	460	582	723	853		
45	890	749	575	445	380	368	364	346	344	349	370	377	386	453	582	758	903		
50	975	786	570	412	361	385	365	323	317	326	369	393	372	417	573	788	984		
55	1050	816	561	395	359	377	350	296	291	300	349	381	372	406	565	818	1061		
60	1186	861	554	380	299	300	283	243	240	244	280	301	303	384	558	864	1206		
65	1267	899	551	350	249	241	223	189	183	190	219	243	252	351	553	912	1310		
70	1005	725	518	294	147	137	128	108	105	108	125	142	154	301	535	753	1057		
75	469	333	291	206	132	87.8	78.1	60.0	58.9	59.7	76.7	90.5	137	196	286	340	508		
80	45.4	45.5	49.6	48.6	46.3	41.9	30.7	25.3	21.7	25.0	29.6	38.5	41.1	45.5	47.7	46.6	47.7		
85	17.8	15.9	15.5	17.0	14.9	14.7	11.3	7.99	6.23	7.95	9.14	12.5	12.9	15.3	14.7	15.4	18.4		
90	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	0.00	0.00		
95	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	0.00	0.00		
100	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	0.00	0.00		
105	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	0.00	0.00		
110	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	0.00	0.00		
115	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	0.00	0.00		
120	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	0.00	0.00		
125	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	0.00	0.00		
130	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	0.00	0.00		
135	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	0.00	0.00		
140	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	0.00	0.00		
145	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	0.00	0.00		
150	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	0.00	0.00		
155	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	0.00	0.00		
160	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	0.00	0.00		
165	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	0.00	0.00		
170	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	0.00	0.00		
175	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	0.00	0.00		
180	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	0.00	0.00		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25 $\pm$ 1°CDEG

Operators:Kevin Delgado

Test Date:2026-05-26

γ Range: 0 - 180DEG

γ Interval: 2.0DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10

Humidity:MAX:55.1-MIN:44.2%

Test Distance:7.080m [K=1.0000]

Remarks: ANEXO 26-0295-1-A RALED III 80 LED

DRIVER SOSEN SS-250VH-A358BE

MOD FF BOARD 2X8/740 5050 DA_UHE (4K)

Lentes : RA17-RA11 (15-5)

Photometric Data Table [cd]

G/C	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
0.0	6712	6712	6712	6712	6712	6712	6712	6712	6712	6712
2.0	6709	6747	6781	6815	6845	6872	6894	6911	6923	6931
4.0	6715	6787	6854	6916	6969	7017	7055	7090	7113	7129
6.0	6731	6837	6932	7016	7085	7148	7198	7243	7275	7301
8.0	6756	6895	7016	7115	7196	7267	7321	7374	7412	7445
10.0	6792	6962	7102	7214	7301	7376	7431	7486	7529	7566
12.0	6840	7036	7193	7313	7399	7470	7518	7572	7617	7661
14.0	6906	7126	7293	7413	7490	7553	7593	7644	7693	7738
16.0	6988	7234	7409	7521	7583	7627	7663	7713	7769	7819
18.0	7082	7355	7542	7639	7676	7701	7736	7788	7859	7913
20.0	7195	7486	7684	7771	7769	7775	7815	7880	7953	8006
22.0	7331	7639	7834	7905	7869	7843	7896	7975	8031	8082
24.0	7486	7808	7993	8047	7961	7905	7970	8057	8066	8111
26.0	7662	7987	8156	8186	8057	7963	8026	8103	8058	8092
28.0	7851	8184	8337	8338	8160	8015	8075	8108	8020	8053
30.0	8053	8395	8542	8512	8278	8071	8132	8087	7968	8000
32.0	8259	8628	8760	8711	8411	8143	8205	8011	7871	7906
34.0	8468	8864	9005	8925	8554	8225	8275	7894	7768	7807
36.0	8691	9098	9259	9147	8704	8308	8325	7766	7659	7700
38.0	8924	9343	9499	9386	8866	8386	8301	7629	7549	7593
40.0	9155	9614	9737	9614	9047	8473	8075	7531	7450	7483
42.0	9404	9898	10004	9814	9202	8563	7943	7470	7341	7362
44.0	9680	10208	10286	9988	9362	8640	7946	7411	7239	7257
46.0	9993	10546	10596	10194	9556	8773	8022	7408	7263	7296
48.0	10371	10922	10921	10455	9766	8989	8138	7537	7459	7523
50.0	10809	11336	11283	10750	10003	9303	8363	7831	7779	7854
52.0	11221	11793	11698	11080	10359	9688	8726	8119	7976	8069
54.0	11668	12285	12151	11460	10918	10107	8984	8166	7884	7981
56.0	12134	12813	12631	11923	11586	10451	8965	7891	7491	7552
58.0	12625	13399	13191	12581	12209	10584	8605	7333	6838	6892
60.0	13180	14118	13919	13491	12760	10334	7935	6570	6128	6180
62.0	13734	14898	14866	14527	13063	9657	7282	6103	5689	5804
64.0	14238	15741	15945	15554	12969	8898	6871	5195	4528	4695
66.0	14452	16608	17224	16462	12655	8367	5530	3386	2765	3159
68.0	13480	16642	18567	17421	12240	7275	3394	1925	1598	1631
70.0	11210	14711	18267	18101	11782	5584	1908	1428	1354	1340
72.0	8367	12293	16685	16586	10462	3860	1401	1229	1123	1142
74.0	4628	8128	12214	13687	6983	2161	1190	1022	891.5	894.9
76.0	2414	4604	6019	8578	3836	1427	989.5	796.7	634.0	633.6
78.0	1470	2965	3201	4022	2373	1195	768.6	568.2	454.8	457.5
80.0	530.9	1329	2053	2766	1786	879.3	556.7	378.2	319.8	321.4
82.0	322.1	786.8	1249	1513	1243	564.8	355.3	260.5	213.5	210.8
84.0	197.3	417.2	658.3	857.4	741.1	315.2	198.1	142.9	129.9	112.3
86.0	122.9	185.9	277.9	374.1	343.3	138.4	111.8	67.70	46.36	36.26
88.0	48.78	59.79	150.4	92.45	177.9	34.49	25.53	22.06	16.33	12.81
90.0	0	0	0	0	0	0	0	0	0	0
92.0	0	0	0	0	0	0	0	0	0	0
94.0	0	0	0	0	0	0	0	0	0	0
96.0	0	0	0	0	0	0	0	0	0	0
98.0	0	0	0	0	0	0	0	0	0	0
100.0	0	0	0	0	0	0	0	0	0	0
102.0	0	0	0	0	0	0	0	0	0	0
104.0	0	0	0	0	0	0	0	0	0	0
106.0	0	0	0	0	0	0	0	0	0	0
108.0	0	0	0	0	0	0	0	0	0	0
110.0	0	0	0	0	0	0	0	0	0	0
112.0	0	0	0	0	0	0	0	0	0	0
114.0	0	0	0	0	0	0	0	0	0	0
116.0	0	0	0	0	0	0	0	0	0	0
118.0	0	0	0	0	0	0	0	0	0	0
120.0	0	0	0	0	0	0	0	0	0	0
122.0	0	0	0	0	0	0	0	0	0	0
124.0	0	0	0	0	0	0	0	0	0	0
126.0	0	0	0	0	0	0	0	0	0	0
128.0	0	0	0	0	0	0	0	0	0	0
130.0	0	0	0	0	0	0	0	0	0	0
132.0	0	0	0	0	0	0	0	0	0	0
134.0	0	0	0	0	0	0	0	0	0	0
136.0	0	0	0	0	0	0	0	0	0	0
138.0	0	0	0	0	0	0	0	0	0	0
140.0	0	0	0	0	0	0	0	0	0	0
142.0	0	0	0	0	0	0	0	0	0	0
144.0	0	0	0	0	0	0	0	0	0	0
146.0	0	0	0	0	0	0	0	0	0	0

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity: MAX: 55.1-MIN: 44.2%
Test Distance: 7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
DRIVER SOSEN SS-250VH-A358BE
MOD FF BOARD 2X8/740 5050 DA_UHE (4K)
Lentes : RA17-RA11 (15-5)

Photometric Data Table [cd]

148.0	0	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0	0
152.0	0	0	0	0	0	0	0	0	0	0
154.0	0	0	0	0	0	0	0	0	0	0
156.0	0	0	0	0	0	0	0	0	0	0
158.0	0	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0	0
162.0	0	0	0	0	0	0	0	0	0	0
164.0	0	0	0	0	0	0	0	0	0	0
166.0	0	0	0	0	0	0	0	0	0	0
168.0	0	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0	0
172.0	0	0	0	0	0	0	0	0	0	0
174.0	0	0	0	0	0	0	0	0	0	0
176.0	0	0	0	0	0	0	0	0	0	0
178.0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
0.0	6712	6712	6712	6712	6712	6712	6712	6712	6712	6712
2.0	6930	6923	6908	6888	6861	6829	6793	6751	6713	6677
4.0	7129	7118	7091	7055	7006	6947	6878	6798	6722	6648
6.0	7301	7290	7258	7215	7151	7072	6974	6861	6745	6631
8.0	7447	7440	7406	7361	7288	7194	7072	6925	6772	6620
10.0	7571	7568	7539	7495	7415	7311	7172	6995	6805	6614
12.0	7669	7674	7652	7611	7536	7426	7273	7073	6846	6617
14.0	7745	7755	7740	7714	7647	7543	7384	7163	6900	6633
16.0	7822	7828	7812	7803	7756	7670	7507	7267	6968	6662
18.0	7910	7906	7882	7879	7866	7801	7639	7389	7055	6712
20.0	8003	7996	7955	7952	7975	7934	7783	7526	7158	6782
22.0	8082	8088	8029	8028	8073	8077	7944	7685	7286	6874
24.0	8133	8163	8097	8100	8176	8227	8117	7859	7431	6982
26.0	8153	8213	8150	8172	8289	8379	8289	8048	7596	7105
28.0	8133	8247	8195	8245	8399	8541	8480	8253	7778	7244
30.0	8090	8256	8249	8321	8517	8727	8693	8474	7977	7394
32.0	7995	8228	8323	8400	8655	8940	8928	8719	8190	7553
34.0	7877	8134	8420	8474	8810	9167	9185	8971	8412	7725
36.0	7756	8003	8505	8553	8974	9405	9448	9229	8637	7917
38.0	7631	7847	8563	8648	9160	9641	9714	9501	8885	8129
40.0	7517	7724	8573	8746	9346	9853	9979	9790	9144	8365
42.0	7414	7654	8406	8826	9499	10087	10261	10108	9416	8638
44.0	7320	7616	8248	8906	9645	10294	10576	10446	9727	8900
46.0	7318	7608	8291	9025	9836	10513	10914	10819	10059	9133
48.0	7494	7696	8397	9211	10042	10788	11268	11235	10467	9429
50.0	7798	7956	8604	9508	10254	11099	11667	11679	10920	9753
52.0	8023	8262	8966	9882	10537	11442	12124	12177	11331	10114
54.0	7971	8378	9279	10345	11032	11822	12624	12719	11803	10499
56.0	7613	8193	9377	10784	11720	12252	13143	13291	12283	10904
58.0	6967	7678	9112	11089	12518	12825	13742	13944	12799	11352
60.0	6222	6947	8501	11018	13243	13621	14494	14701	13359	11865
62.0	5784	6423	7737	10486	13772	14687	15468	15439	13884	12319
64.0	4688	5695	7366	9670	13909	15881	16564	16178	14302	12666
66.0	2945	3882	6267	9080	13685	16984	17812	16805	14395	12770
68.0	1711	2182	4172	8191	13344	18063	19294	16747	13481	11970
70.0	1425	1494	2377	6559	12886	19216	19039	14845	11313	10055
72.0	1221	1293	1485	4750	12010	18215	17248	12332	8453	7676
74.0	949.6	1092	1238	3128	8686	15268	12593	8093	4659	4691
76.0	666.8	874.7	1056	1510	5006	9785	6364	4687	2798	2347
78.0	477.7	644.9	854.4	1236	2847	4552	3369	2990	942.9	1400
80.0	337.3	424.2	635.3	940.5	2092	3076	2147	1298	539.9	454.4
82.0	225.5	291.0	410.4	623.1	1455	1601	1312	772.1	321.7	295.7
84.0	124.6	158.1	231.5	356.9	863.0	908.9	703.1	414.1	190.6	178.3
86.0	54.40	79.76	131.9	166.5	413.6	410.4	293.3	181.2	96.48	111.0
88.0	18.97	27.33	32.44	45.09	213.4	108.5	157.0	58.26	42.84	43.92
90.0	0	0	0	0	0	0	0	0	0	0
92.0	0	0	0	0	0	0	0	0	0	0
94.0	0	0	0	0	0	0	0	0	0	0
96.0	0	0	0	0	0	0	0	0	0	0
98.0	0	0	0	0	0	0	0	0	0	0
100.0	0	0	0	0	0	0	0	0	0	0
102.0	0	0	0	0	0	0	0	0	0	0
104.0	0	0	0	0	0	0	0	0	0	0
106.0	0	0	0	0	0	0	0	0	0	0
108.0	0	0	0	0	0	0	0	0	0	0
110.0	0	0	0	0	0	0	0	0	0	0

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity: MAX: 55.1-MIN: 44.2%
Test Distance: 7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
DRIVER SOSEN SS-250VH-A358BE
MOD FF BOARD 2X8/740 5050 DA_UHE (4K)
Lentes : RA17-RA11 (15-5)

Photometric Data Table [cd]

112.0	0	0	0	0	0	0	0	0	0	0
114.0	0	0	0	0	0	0	0	0	0	0
116.0	0	0	0	0	0	0	0	0	0	0
118.0	0	0	0	0	0	0	0	0	0	0
120.0	0	0	0	0	0	0	0	0	0	0
122.0	0	0	0	0	0	0	0	0	0	0
124.0	0	0	0	0	0	0	0	0	0	0
126.0	0	0	0	0	0	0	0	0	0	0
128.0	0	0	0	0	0	0	0	0	0	0
130.0	0	0	0	0	0	0	0	0	0	0
132.0	0	0	0	0	0	0	0	0	0	0
134.0	0	0	0	0	0	0	0	0	0	0
136.0	0	0	0	0	0	0	0	0	0	0
138.0	0	0	0	0	0	0	0	0	0	0
140.0	0	0	0	0	0	0	0	0	0	0
142.0	0	0	0	0	0	0	0	0	0	0
144.0	0	0	0	0	0	0	0	0	0	0
146.0	0	0	0	0	0	0	0	0	0	0
148.0	0	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0	0
152.0	0	0	0	0	0	0	0	0	0	0
154.0	0	0	0	0	0	0	0	0	0	0
156.0	0	0	0	0	0	0	0	0	0	0
158.0	0	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0	0
162.0	0	0	0	0	0	0	0	0	0	0
164.0	0	0	0	0	0	0	0	0	0	0
166.0	0	0	0	0	0	0	0	0	0	0
168.0	0	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0	0
172.0	0	0	0	0	0	0	0	0	0	0
174.0	0	0	0	0	0	0	0	0	0	0
176.0	0	0	0	0	0	0	0	0	0	0
178.0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	6712	6712	6712	6712	6712	6712	6712	6712	6712	6712
2.0	6639	6604	6571	6539	6514	6494	6478	6470	6474	6484
4.0	6570	6494	6424	6358	6305	6263	6230	6217	6224	6246
6.0	6510	6393	6278	6176	6088	6017	5969	5948	5961	5995
8.0	6458	6296	6141	5994	5867	5763	5699	5669	5687	5734
10.0	6410	6206	6004	5812	5644	5510	5428	5391	5413	5477
12.0	6370	6117	5867	5632	5428	5266	5162	5122	5151	5232
14.0	6336	6031	5732	5457	5224	5035	4909	4863	4899	5003
16.0	6313	5951	5601	5295	5034	4811	4659	4600	4645	4779
18.0	6309	5884	5485	5144	4846	4578	4398	4331	4384	4544
20.0	6319	5833	5384	5001	4652	4334	4142	4076	4136	4307
22.0	6345	5797	5299	4860	4451	4109	3914	3859	3922	4091
24.0	6388	5772	5231	4722	4260	3927	3761	3721	3780	3933
26.0	6437	5763	5167	4593	4099	3829	3706	3692	3749	3880
28.0	6509	5766	5105	4477	3999	3816	3699	3674	3743	3901
30.0	6590	5780	5046	4382	3965	3840	3670	3642	3711	3922
32.0	6684	5793	4973	4299	3983	3854	3627	3614	3668	3912
34.0	6790	5798	4883	4208	4023	3839	3587	3588	3630	3864
36.0	6908	5799	4781	4117	4033	3741	3551	3547	3592	3773
38.0	7028	5787	4664	4067	3963	3641	3504	3491	3540	3689
40.0	7148	5757	4571	4032	3807	3577	3464	3454	3493	3636
42.0	7295	5747	4512	3948	3704	3567	3458	3463	3491	3626
44.0	7495	5752	4453	3802	3683	3639	3460	3444	3492	3699
46.0	7676	5743	4356	3650	3757	3718	3420	3370	3451	3762
48.0	7762	5733	4213	3579	3853	3704	3326	3278	3360	3733
50.0	7861	5696	4124	3605	3855	3646	3227	3167	3260	3687
52.0	7989	5641	4016	3624	3824	3625	3107	3039	3140	3644
54.0	8157	5606	3951	3593	3772	3497	2964	2907	2997	3487
56.0	8317	5587	3937	3494	3529	3262	2817	2756	2847	3258
58.0	8466	5570	3886	3247	3241	3052	2626	2615	2643	3044
60.0	8612	5541	3805	2992	3000	2826	2434	2404	2439	2805
62.0	8794	5517	3665	2752	2735	2553	2163	2129	2171	2517
64.0	8990	5507	3496	2490	2415	2229	1894	1831	1904	2190
66.0	9104	5506	3279	2168	2056	1890	1637	1549	1656	1862
68.0	8738	5544	3068	1814	1695	1584	1360	1290	1370	1560
70.0	7251	5177	2942	1474	1367	1275	1078	1052	1078	1253
72.0	5498	3938	2853	1261	1084	982.5	781.4	776.4	780.2	968.5
74.0	3333	2912	2062	1324	878.0	780.6	600.4	589.1	597.4	767.3

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity: MAX: 55.1-MIN: 44.2%
Test Distance: 7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
DRIVER SOSEN SS-250VH-A358BE
MOD FF BOARD 2X8/740 5050 DA_UHE (4K)
Lentes : RA17-RA11 (15-5)

Photometric Data Table [cd]

76.0	1716	1767	1263	1152	723.6	617.6	477.5	460.6	473.3	598.4
78.0	835.0	1130	780.8	737.1	570.1	450.3	351.6	331.5	345.6	437.7
80.0	454.9	495.7	485.7	462.8	419.2	307.0	253.3	217.4	250.0	295.5
82.0	280.9	279.6	301.0	279.9	282.8	189.4	155.1	126.4	154.3	179.8
84.0	158.8	154.7	169.7	149.3	146.6	113.2	79.89	62.32	79.49	91.41
86.0	83.06	76.49	80.39	62.28	58.60	37.07	28.93	22.15	27.29	32.70
88.0	43.26	39.39	34.89	24.68	17.55	11.54	8.819	7.856	8.491	11.17
90.0	0	0	0	0	0	0	0	0	0	0
92.0	0	0	0	0	0	0	0	0	0	0
94.0	0	0	0	0	0	0	0	0	0	0
96.0	0	0	0	0	0	0	0	0	0	0
98.0	0	0	0	0	0	0	0	0	0	0
100.0	0	0	0	0	0	0	0	0	0	0
102.0	0	0	0	0	0	0	0	0	0	0
104.0	0	0	0	0	0	0	0	0	0	0
106.0	0	0	0	0	0	0	0	0	0	0
108.0	0	0	0	0	0	0	0	0	0	0
110.0	0	0	0	0	0	0	0	0	0	0
112.0	0	0	0	0	0	0	0	0	0	0
114.0	0	0	0	0	0	0	0	0	0	0
116.0	0	0	0	0	0	0	0	0	0	0
118.0	0	0	0	0	0	0	0	0	0	0
120.0	0	0	0	0	0	0	0	0	0	0
122.0	0	0	0	0	0	0	0	0	0	0
124.0	0	0	0	0	0	0	0	0	0	0
126.0	0	0	0	0	0	0	0	0	0	0
128.0	0	0	0	0	0	0	0	0	0	0
130.0	0	0	0	0	0	0	0	0	0	0
132.0	0	0	0	0	0	0	0	0	0	0
134.0	0	0	0	0	0	0	0	0	0	0
136.0	0	0	0	0	0	0	0	0	0	0
138.0	0	0	0	0	0	0	0	0	0	0
140.0	0	0	0	0	0	0	0	0	0	0
142.0	0	0	0	0	0	0	0	0	0	0
144.0	0	0	0	0	0	0	0	0	0	0
146.0	0	0	0	0	0	0	0	0	0	0
148.0	0	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0	0
152.0	0	0	0	0	0	0	0	0	0	0
154.0	0	0	0	0	0	0	0	0	0	0
156.0	0	0	0	0	0	0	0	0	0	0
158.0	0	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0	0
162.0	0	0	0	0	0	0	0	0	0	0
164.0	0	0	0	0	0	0	0	0	0	0
166.0	0	0	0	0	0	0	0	0	0	0
168.0	0	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0	0
172.0	0	0	0	0	0	0	0	0	0	0
174.0	0	0	0	0	0	0	0	0	0	0
176.0	0	0	0	0	0	0	0	0	0	0
178.0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	310.0	320.0	330.0	340.0	350.0				
0.0	6712	6712	6712	6712	6712	6712				
2.0	6504	6528	6558	6594	6633	6674				
4.0	6285	6336	6401	6475	6556	6641				
6.0	6057	6139	6245	6363	6490	6621				
8.0	5824	5946	6096	6262	6436	6612				
10.0	5595	5754	5953	6172	6393	6615				
12.0	5379	5576	5819	6087	6362	6633				
14.0	5179	5416	5694	6009	6339	6665				
16.0	4996	5269	5581	5939	6327	6710				
18.0	4811	5130	5479	5885	6331	6775				
20.0	4612	4988	5391	5849	6355	6857				
22.0	4411	4843	5319	5824	6389	6956				
24.0	4228	4706	5261	5814	6432	7072				
26.0	4094	4567	5197	5803	6491	7210				
28.0	4048	4459	5118	5805	6571	7365				
30.0	4064	4375	5046	5821	6668	7525				
32.0	4130	4305	4971	5838	6767	7691				
34.0	4183	4247	4880	5852	6876	7869				
36.0	4163	4201	4778	5859	6992	8065				
38.0	4022	4179	4672	5844	7120	8284				

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity: MAX: 55.1-MIN: 44.2%
Test Distance: 7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
DRIVER SOSEN SS-250VH-A358BE
MOD FF BOARD 2X8/740 5050 DA_UHE (4K)
Lentes : RA17-RA11 (15-5)

Photometric Data Table [cd]

40.0	3853	4153	4601	5815	7234	8527
42.0	3764	4046	4558	5804	7365	8794
44.0	3767	3860	4526	5825	7583	9033
46.0	3852	3734	4415	5831	7729	9263
48.0	3928	3690	4250	5794	7788	9524
50.0	3926	3717	4168	5729	7880	9840
52.0	3911	3746	4090	5673	8008	10196
54.0	3812	3719	4056	5646	8175	10608
56.0	3532	3562	4019	5636	8345	11035
58.0	3262	3288	3955	5624	8504	11489
60.0	3010	3032	3839	5584	8642	12059
62.0	2751	2790	3679	5552	8850	12621
64.0	2434	2524	3510	5529	9120	13105
66.0	2090	2196	3300	5567	9352	13373
68.0	1738	1852	3094	5685	9138	12626
70.0	1417	1537	3007	5349	7533	10573
72.0	1130	1340	2484	3988	5682	8165
74.0	905.0	1368	1960	2863	3402	5080
76.0	720.7	1015	1183	1688	1674	2607
78.0	543.1	662.1	731.7	1082	829.7	1539
80.0	384.8	410.6	455.1	476.6	466.1	477.2
82.0	255.0	244.6	303.7	267.5	309.9	305.9
84.0	125.4	128.5	152.7	146.7	153.8	183.6
86.0	47.91	52.17	70.06	72.51	80.25	114.3
88.0	16.06	23.37	32.83	39.01	43.30	44.95
90.0	0	0	0	0	0	0
92.0	0	0	0	0	0	0
94.0	0	0	0	0	0	0
96.0	0	0	0	0	0	0
98.0	0	0	0	0	0	0
100.0	0	0	0	0	0	0
102.0	0	0	0	0	0	0
104.0	0	0	0	0	0	0
106.0	0	0	0	0	0	0
108.0	0	0	0	0	0	0
110.0	0	0	0	0	0	0
112.0	0	0	0	0	0	0
114.0	0	0	0	0	0	0
116.0	0	0	0	0	0	0
118.0	0	0	0	0	0	0
120.0	0	0	0	0	0	0
122.0	0	0	0	0	0	0
124.0	0	0	0	0	0	0
126.0	0	0	0	0	0	0
128.0	0	0	0	0	0	0
130.0	0	0	0	0	0	0
132.0	0	0	0	0	0	0
134.0	0	0	0	0	0	0
136.0	0	0	0	0	0	0
138.0	0	0	0	0	0	0
140.0	0	0	0	0	0	0
142.0	0	0	0	0	0	0
144.0	0	0	0	0	0	0
146.0	0	0	0	0	0	0
148.0	0	0	0	0	0	0
150.0	0	0	0	0	0	0
152.0	0	0	0	0	0	0
154.0	0	0	0	0	0	0
156.0	0	0	0	0	0	0
158.0	0	0	0	0	0	0
160.0	0	0	0	0	0	0
162.0	0	0	0	0	0	0
164.0	0	0	0	0	0	0
166.0	0	0	0	0	0	0
168.0	0	0	0	0	0	0
170.0	0	0	0	0	0	0
172.0	0	0	0	0	0	0
174.0	0	0	0	0	0	0
176.0	0	0	0	0	0	0
178.0	0	0	0	0	0	0
180.0	0	0	0	0	0	0

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25±1°CDEG
Operators: Kevin Delgado
Test Date: 2026-05-26

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity: MAX: 55.1-MIN: 44.2%
Test Distance: 7.080m [K=1.0000]
Remarks: ANEXO 26-0295-1-A RALED III 80 LED
DRIVER SOSEN SS-250VH-A358BE
MOD FF BOARD 2X8/740 5050 DA_UHE (4K)
Lentes : RA17-RA11 (15-5)