



*Imágenes a título ilustrativo

LÁMPARA LED HIGH BAY

200 W

Certificación
Seguridad Eléctrica



Luz fría
6000K

HIGHBAY 100W

LÁMPARA LED

Lámpara Led para depósitos, galpones y grandes superficies.



Potencia **200W**
Voltaje **AC100 - 240Vca**

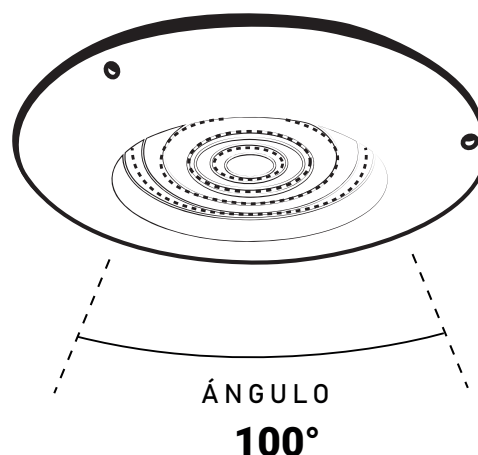
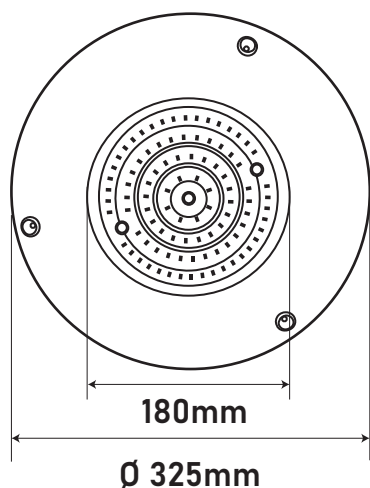


Luz fría
6000K

LM 100 LM/W



Flujo luminoso
20.000 LM



ESPECIFICACIONES TÉCNICAS

MODELO	IM2201006
POTENCIA	200W
LÚMENES POR WATT	100 lm x W
FLUJO LUMINOSO	20.000
VOLTAJE	AC100-240Vca
FRECUENCIA	50 hz
ÁNGULO	100°
CRI	>80
VIDA ÚTIL	15.000 hs
VIDA ÚTIL (ON/OFF)	15.000 maniobras
TAMAÑO DE LA LÁMPARA	Ø232x41mm
PESO DE LA LÁMPARA	1,33Kg

TEMPERATURA DE TRABAJO	-20°+40°
TEMPERATURA LUZ	Fría 6000K
FACTOR DE POTENCIA	0.95
EFICIENCIA ENERGÉTICA	A+
PROTECCIÓN IP	IP65
FACTOR IK	IK08
MATERIAL DEL CUERPO	Aluminio
MATERIAL DEL LENTE	Polycarbonato
TIPO DE CHIP	SMD2835 - 192Pcs
CLASE	I
SECCIÓN DEL CABLE	Tipo Taller Siliconado 3x0,75
CHICOTE	30 cm de Cable
GARANTÍA	2 años

PRECAUCIONES

- A. La instalación de la luminaria debe ser realizada por personal técnico calificado.
- B. Trabaje solo bajo condiciones seguras (con el módulo y herramientas adecuadas).
- C. No reemplazar o remover luminarias sin antes realizar la desconexión de la alimentación.
- D. La luminaria no debe ser utilizada sin todas las cubiertas colocadas en su correcta posición.
- E. No conecte esta luminaria mientras está en su embalaje.

HIGHBAY 100W

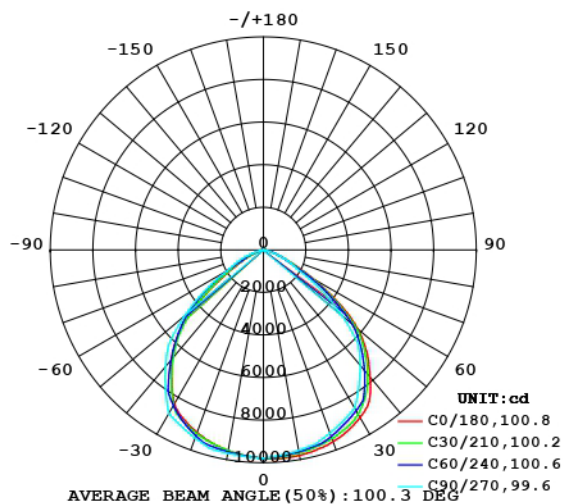
LÁMPARA LED

LUMINAIRE PHOTOMETRIC TEST REPORT

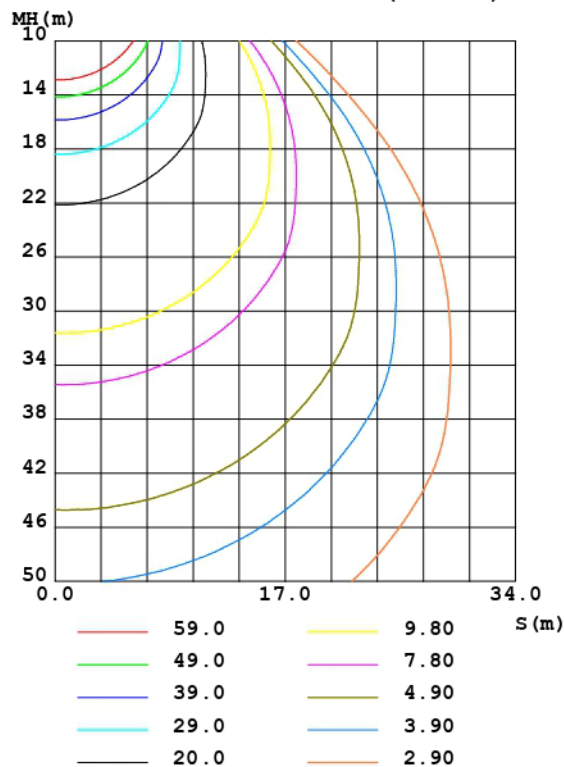
Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: Highbay 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.84 lm/W			
MODEL		Imax(cd)	9828	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	22092	η UP,DN(C0-180)	0.0,49.9
NOMINAL FLUX(lm)	22092.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 30 January 2024

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity: 55.0%
Test Distance: 8.852m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	9828	9741	9672	9656	9707	9708	9744	9789	0- 5	233.1	233.1	1.06,1.06
10	9796	9656	9557	9492	9563	9597	9700	9749	5- 10	692.5	925.6	4.19,4.19
15	9712	9553	9442	9300	9382	9458	9657	9688	10- 15	1136	2061	9.33,9.33
20	9580	9420	9154	9076	9129	9289	9399	9593	15- 20	1552	3613	16.4,16.4
25	9375	9129	8866	8695	8808	8860	9141	9314	20- 25	1922	5535	25.1,25.1
30	9088	8736	8578	8184	8351	8281	8883	8904	25- 30	2236	7771	35.2,35.2
35	8665	8240	7824	7568	7516	7594	8019	8358	30- 35	2454	10225	46.3,46.3
40	7789	7558	7071	6819	6672	6757	7155	7645	35- 40	2526	12751	57.7,57.7
45	6891	6498	6318	5644	5636	5531	6292	6566	40- 45	2468	15219	68.9,68.9
50	5782	5328	4842	4324	4216	4202	4832	5385	45- 50	2250	17470	79.1,79.1
55	4276	3998	3366	2917	2606	2820	3372	4075	50- 55	1816	19286	87.3,87.3
60	2665	2623	1890	1813	1426	1781	1912	2719	55- 60	1265	20551	93,93
65	1488	1442	1320	936.8	733.2	946.9	1339	1544	60- 65	767.2	21318	96.5,96.5
70	758.8	695.6	749.3	425.5	340.0	448.0	766.0	783.5	65- 70	448.9	21767	98.5,98.5
75	340.6	368.3	179.1	225.4	118.6	239.2	192.9	410.2	70- 75	228.4	21995	99.6,99.6
80	114.2	88.15	0	57.66	56.28	59.20	0	98.17	75- 80	78.66	22074	99.9,99.9
85	58.66	0	0	0	16.56	0	0	0	80- 85	16.24	22090	100,100
90	14.59	0	0	0	8.025	0	0	0	85- 90	2.110	22092	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 15219 lm

%lum = 68.9%
%lamp = 68.9%

Conical surface Flux(120deg): 20551 lm

%lum = 93.0%
%lamp = 93.0%

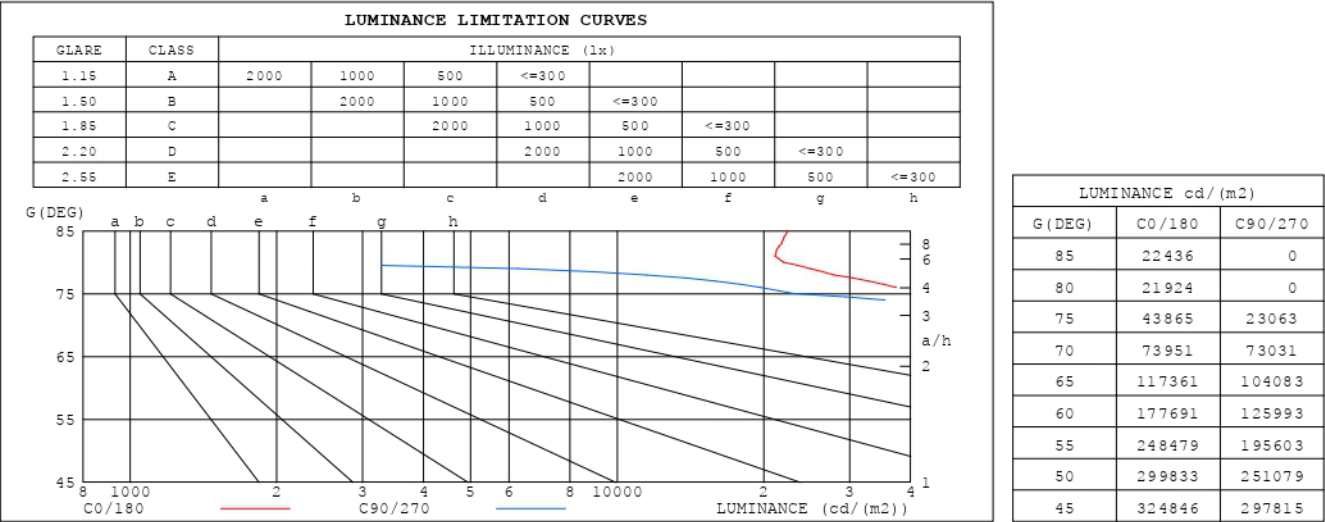
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Operators:
Test Date:30 January 2024

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Remarks:

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LUMINANCE LIMITATION CURVES

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NAME: HIGHBAY 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:



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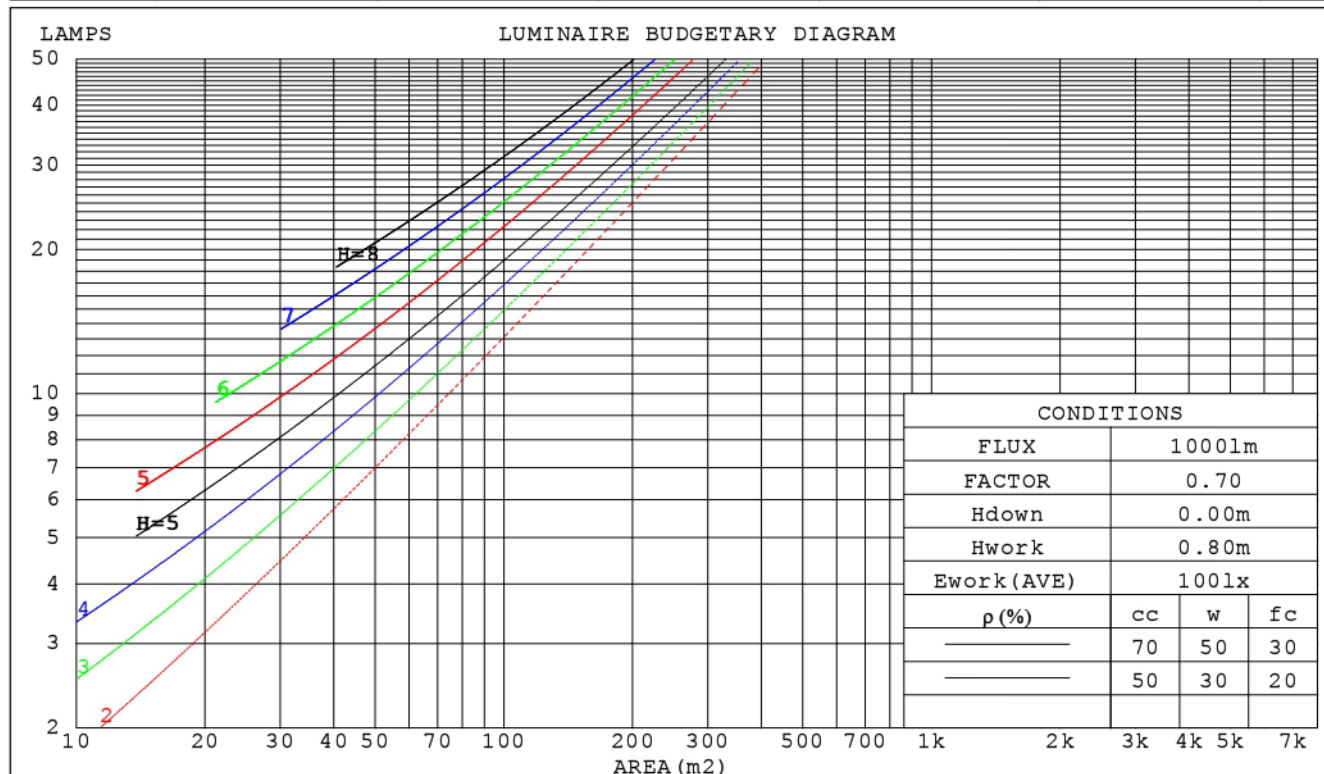
HIGHBAY 100W

LÁMPARA LED

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: HIGHBAY 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.99	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.96	.91	.86	.94	.89	.85	.91	.87	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.74	.71	.77	.73	.69	.67
4.0	.77	.70	.64	.76	.69	.63	.74	.68	.63	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.63	.55	.49	.62	.55	.49	.61	.54	.49	.59	.53	.48	.58	.52	.48	.46
7.0	.58	.50	.44	.57	.49	.44	.55	.49	.44	.54	.48	.43	.53	.47	.43	.41
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.39	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.35	.45	.39	.35	.34
10.0	.45	.38	.33	.44	.37	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.31



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C Interval: 5.0DEG
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Humidity:55.0%
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HIGHBAY 100W

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WEC AND CCEC

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NAME: Highbay 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.241	.137	.043	.235	.134	.042	.222	.127	.041	.210	.121	.039	.199	.115	.037		
2.0	.237	.130	.040	.231	.127	.039	.220	.122	.038	.210	.118	.037	.200	.113	.036		
3.0	.227	.121	.036	.222	.119	.036	.212	.115	.035	.203	.111	.034	.194	.108	.033		
4.0	.215	.112	.033	.210	.110	.033	.202	.107	.032	.194	.104	.031	.186	.101	.031		
5.0	.203	.103	.030	.199	.102	.030	.191	.100	.029	.184	.097	.029	.177	.095	.028		
6.0	.191	.096	.027	.188	.095	.027	.181	.093	.027	.175	.091	.027	.169	.089	.026		
7.0	.181	.089	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	.160	.083	.024		
8.0	.171	.083	.023	.168	.083	.023	.162	.081	.023	.157	.080	.023	.152	.078	.023		
9.0	.161	.078	.022	.159	.077	.022	.154	.076	.022	.149	.075	.021	.145	.074	.021		
10.0	.153	.073	.020	.151	.073	.020	.146	.072	.020	.142	.070	.020	.138	.069	.020		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.105	.141	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.080	.134	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.148	.100	.063	.127	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.089	.051	.121	.077	.045	.084	.054	.031	.048	.032	.019	.016	.010	.006	
6.0	.135	.081	.042	.116	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.129	.074	.036	.111	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.123	.068	.031	.106	.059	.027	.073	.041	.019	.043	.024	.011	.014	.008	.004	
9.0	.117	.063	.027	.101	.055	.023	.070	.039	.017	.041	.023	.010	.013	.007	.003	
10.0	.112	.059	.024	.097	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:30 January 2024

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

HIGHBAY 100W

LÁMPARA LED

UGR(Unified Glare Rating) Table

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm										
NAME: Highbay 200W					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: 01.SHIER/SHISan					SUR.:			Shielding Angle:		
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	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	31.8	33.1	32.0	33.3	33.5	31.1	32.5	31.4	32.6	32.8
3H	31.9	33.2	32.2	33.4	33.6	31.4	32.6	31.6	32.8	33.0
4H	31.9	33.1	32.2	33.3	33.5	31.3	32.5	31.6	32.7	33.0
6H	31.8	32.9	32.1	33.2	33.4	31.2	32.3	31.5	32.6	32.8
8H	31.8	32.8	32.1	33.1	33.4	31.2	32.2	31.5	32.5	32.8
12H	31.7	32.7	32.1	33.0	33.3	31.1	32.1	31.5	32.4	32.7
4H 2H	31.9	33.0	32.2	33.3	33.5	31.3	32.5	31.6	32.7	32.9
3H	32.1	33.1	32.4	33.4	33.7	31.6	32.6	32.0	32.9	33.2
4H	32.1	33.0	32.5	33.3	33.6	31.6	32.5	32.0	32.8	33.1
6H	32.0	32.8	32.4	33.2	33.5	31.5	32.3	31.9	32.6	33.0
8H	32.0	32.7	32.4	33.1	33.5	31.5	32.2	31.9	32.6	32.9
12H	32.0	32.6	32.4	33.0	33.4	31.4	32.1	31.8	32.5	32.9
8H 4H	32.0	32.7	32.4	33.1	33.5	31.5	32.3	31.9	32.6	33.0
6H	32.0	32.6	32.4	33.0	33.4	31.4	32.0	31.9	32.4	32.9
8H	32.0	32.5	32.4	32.9	33.3	31.4	31.9	31.9	32.4	32.8
12H	31.9	32.4	32.4	32.8	33.3	31.4	31.8	31.8	32.3	32.7
12H 4H	32.0	32.6	32.4	33.0	33.4	31.5	32.1	31.9	32.5	32.9
6H	31.9	32.5	32.4	32.9	33.3	31.4	31.9	31.9	32.4	32.8
8H	31.9	32.4	32.4	32.8	33.3	31.4	31.8	31.8	32.3	32.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.8					+ 0.8 / - 0.9				
1.5H	+ 0.5 / - 0.7					+ 0.5 / - 0.9				
2.0H	+ 1.6 / - 3.0					+ 1.9 / - 3.5				

CIE Pub.117 Corrected 22092 lm Total Lamp Luminous Flux. (8log(F/F0) = 10.8)

C Range: 0 - 360DEG
C Interval: 5.0DEG
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Temperature:25.3DEG
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UTILIZATION FACTORS TABLE

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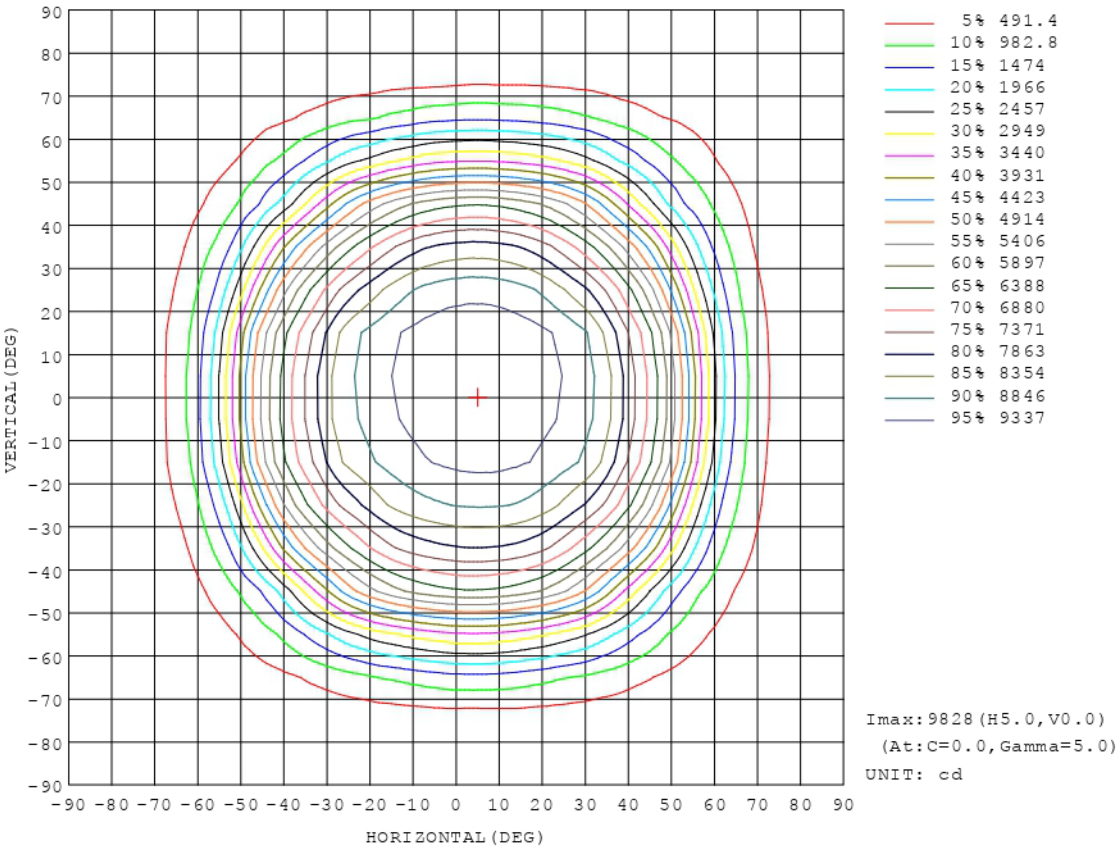
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	64	54	48	64	54	48	63	53	48	42
0.80	75	65	59	74	65	58	72	64	58	52
1.00	84	74	68	83	74	68	81	75	67	61
1.25	90	82	76	89	81	76	87	80	75	69
1.50	95	87	82	93	86	81	91	85	80	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	100	96	101	97	94	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	106	103	105	102	100	91
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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Test Date:30 January 2024

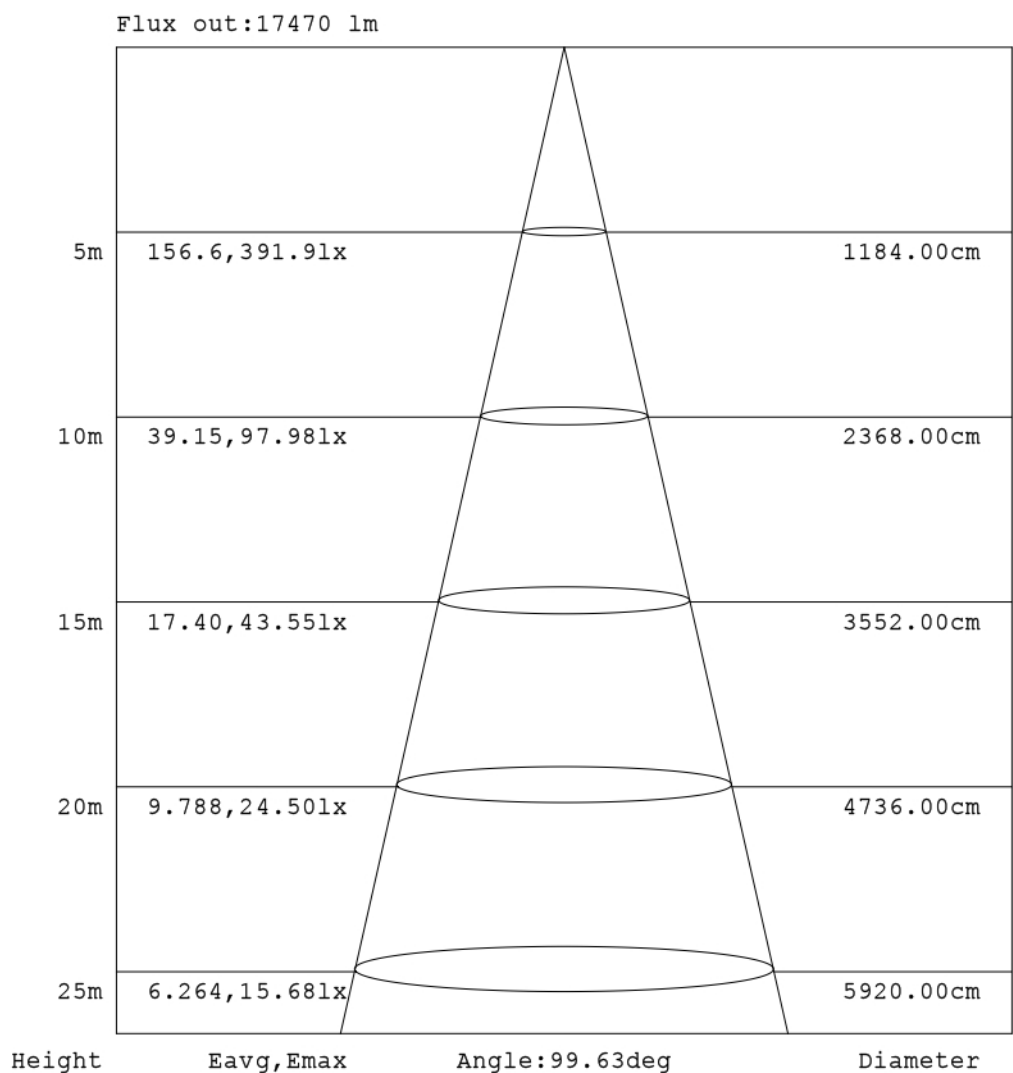
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

HIGHBAY 100W

LÁMPARA LED

AAI Figure

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: HIGHBAY 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

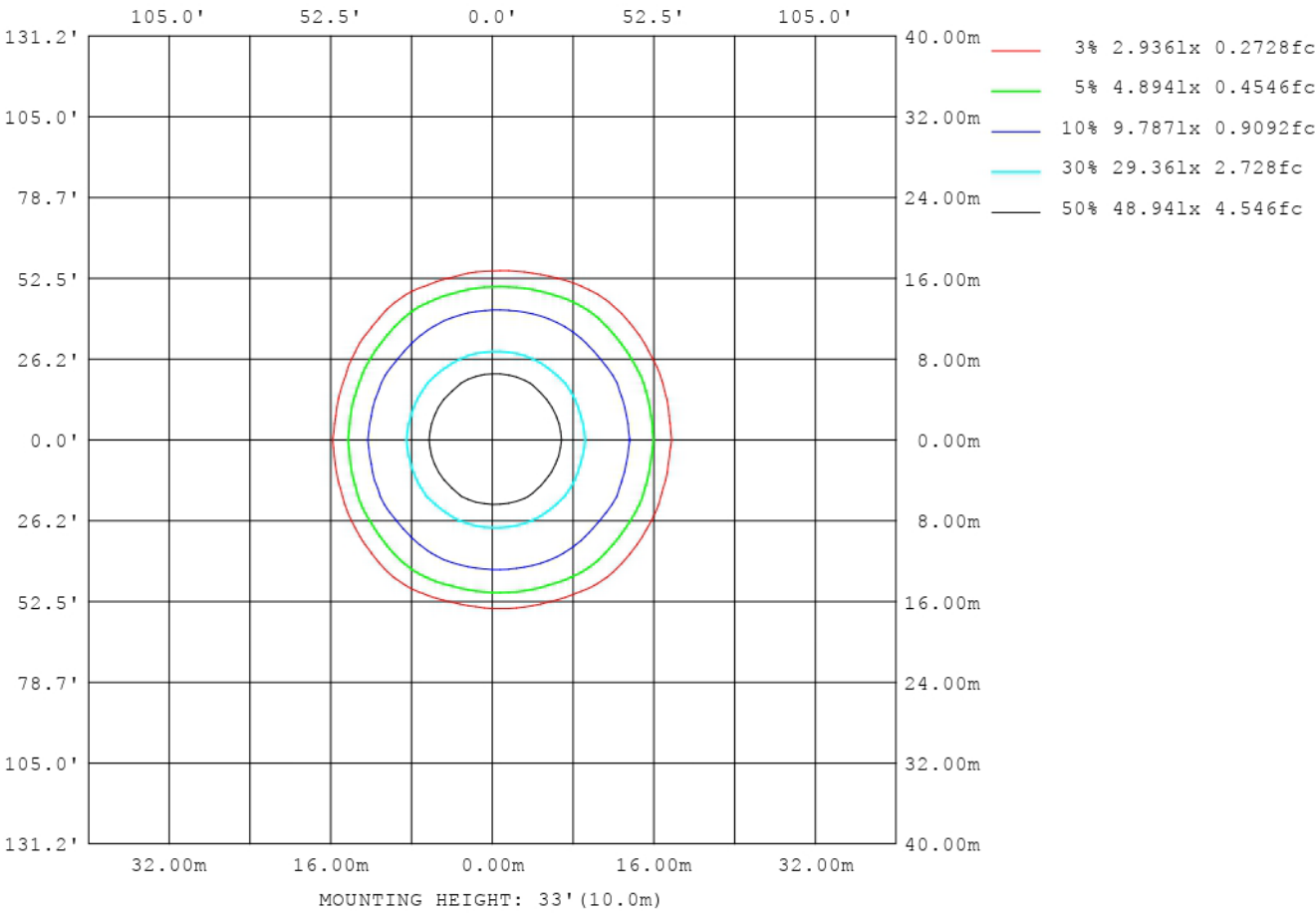
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 30 January 2024

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity: 55.0%
 Test Distance: 8.852m [K=1.0000]
 Remarks:

HIGHBAY 100W
LÁMPARA LED

ISOLUX DIAGRAM

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: Highbay 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:30 January 2024

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: Highbay 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

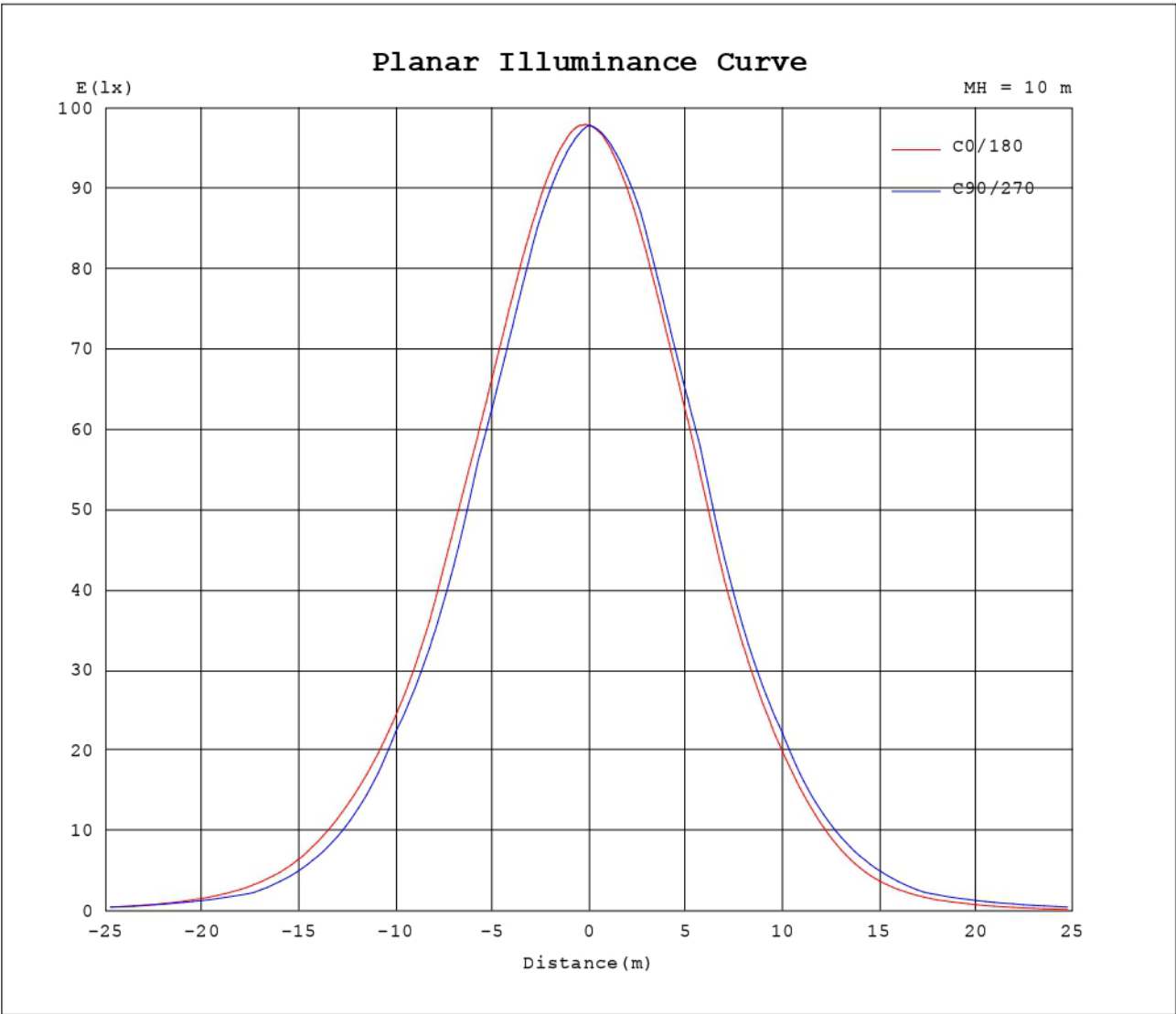
AvgL	cd/m2
L 0~180 (65) av	87594
L 0~180 (75) av	29567
L 0~180 (85) av	14385
L 90~270 (65) av	104849
L 90~270 (75) av	23956
L 90~270 (85) av	0
L 45 (65) av	96016
L 45 (75) av	40021
L 45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:30 January 2024

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:30 January 2024

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: HIGHBAY 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:30 January 2024

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: HIGHBAY 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:30 January 2024

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

```

HIGHBAY 100W

LÁMPARA LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.0V I:0.8294A P:182.8W PF:0.9626 Lamp Flux:22092.3x1 lm		
NAME: HIGHBAY I 200W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

Table--3

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 30 January 2024

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

```

HIGHBAY 100W
LÁMPARA LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Table with 3 columns: NAME, TYPE, WEIGHT, SPEC., DIM., SERIAL No., MFR., SUR., Shielding Angle. Row 1: NAME: HIGHBAY | 200W, TYPE: , WEIGHT: , SPEC.: , DIM.: , SERIAL No.: , MFR.: 01.SHIER/SHISan, SUR.: , Shielding Angle: .

Table with 18 columns and 20 rows. Column 1: C (DEG). Column 2: 285. Column 3: 290. Column 4: 295. Column 5: 300. Column 6: 305. Column 7: 310. Column 8: 315. Column 9: 320. Column 10: 325. Column 11: 330. Column 12: 335. Column 13: 340. Column 14: 345. Column 15: 350. Column 16: 355. Column 17: . Column 18: . Column 19: . Column 20: .

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:30 January 2024
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test system:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks: