

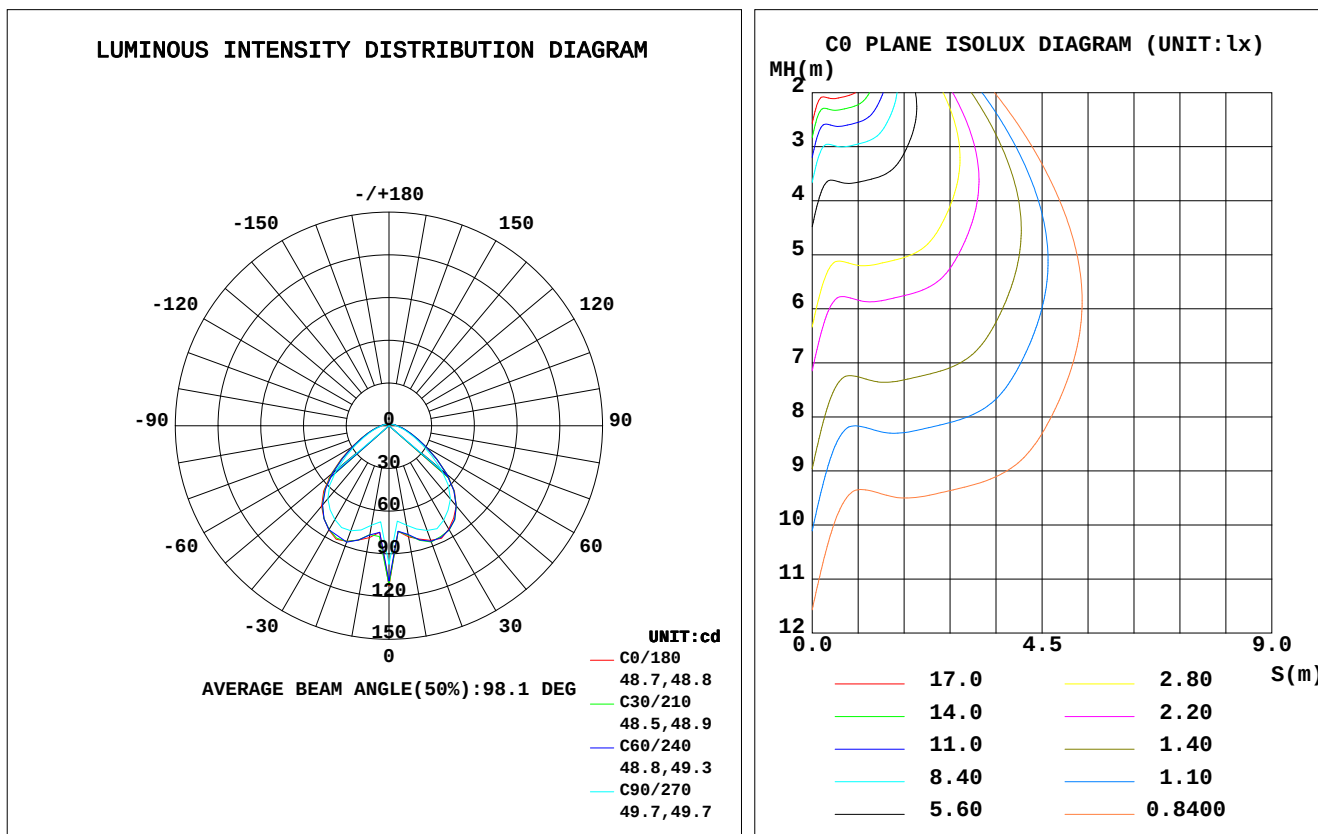
IDEA

/LULA (18.AB01.0010.__)



Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	Lula	I _{max} (cd)	112.8	S/MH(C0/180)	1.13
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)		TOTAL FLUX(lm)	252.05	η UP, DN(C0-180)	2.7, 47.1
NOMINAL FLUX(lm)	252.053	CIE CLASS	DIRECT	η UP, DN(C180-360)	2.9, 47.2
LAMPS INSIDE	1	η up(%)	5.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	94.3	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-04-06

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:13.700m [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
10	79.26	77.39	70.86	71.01	79.77	77.68	70.91	69.68	0- 10	7.308	7.308	2.9,2.9
20	85.69	85.83	78.22	77.86	86.44	86.04	78.45	77.37	10- 20	22.39	29.70	11.8,11.8
30	83.89	84.39	76.70	75.74	84.47	83.51	76.10	75.81	20- 30	37.85	67.55	26.8,26.8
40	73.47	74.03	67.15	65.73	73.75	73.06	66.80	67.31	30- 40	47.33	114.9	45.6,45.6
50	53.27	54.04	48.03	46.59	53.13	52.28	47.97	48.57	40- 50	46.71	161.6	64.1,64.1
60	30.15	30.84	27.37	26.62	30.41	29.57	27.02	27.52	50- 60	34.80	196.4	77.9,77.9
70	16.36	16.68	14.87	14.40	16.31	15.95	14.65	14.88	60- 70	21.32	217.7	86.4,86.4
80	9.410	9.596	8.544	8.175	9.209	9.093	8.413	8.607	70- 80	12.60	230.3	91.4,91.4
90	5.563	5.531	5.074	4.863	5.601	5.632	5.058	5.087	80- 90	7.441	237.8	94.3,94.3
100	4.265	4.263	3.885	3.779	4.430	4.381	3.934	3.940	90-100	5.156	242.9	96.4,96.4
110	2.904	2.934	2.630	2.520	3.102	3.103	2.721	2.765	100-110	3.651	246.6	97.8,97.8
120	1.882	1.853	1.715	1.671	2.145	2.146	1.867	1.882	110-120	2.325	248.9	98.7,98.7
130	1.269	1.244	1.110	1.049	1.472	1.478	1.310	1.347	120-130	1.406	250.3	99.3,99.3
140	0.8361	0.8175	0.7434	0.6777	1.036	1.078	0.8959	0.9432	130-140	0.8326	251.1	99.6,99.6
150	0.6133	0.5992	0.5296	0.4738	0.7941	0.7805	0.6410	0.6691	140-150	0.4716	251.6	99.8,99.8
160	0.5064	0.5110	0.4507	0.4320	0.5946	0.6132	0.5475	0.5435	150-160	0.2644	251.9	99.9,99.9
170	0.5202	0.5295	0.4320	0.4738	0.5761	0.5947	0.5156	0.5017	160-170	0.1440	252.0	100,100
180	0.5853	0.5992	0.5435	0.5156	0.5853	0.5992	0.5295	0.5295	170-180	0.0504	252.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 139.12 lm

%lum = 55.2%

%lamp = 55.2%

Conical surface Flux(120deg): 196.39 lm

%lum = 77.9%

%lamp = 77.9%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-04-06

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:13.700m [K=1.0000]
 Remarks:

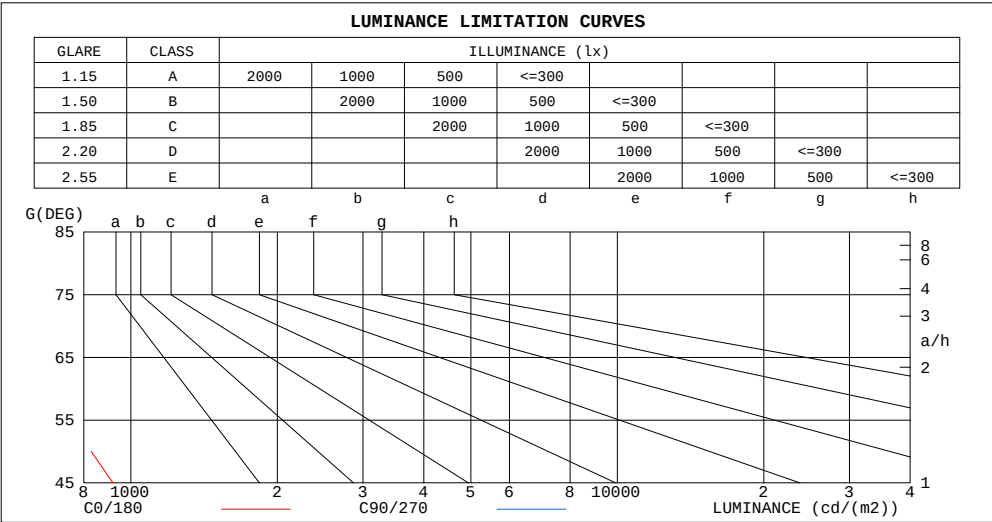
IDEA

/LULA (18.AB01.0010.__)



LUMINANCE LIMITATION CURVES

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	801	722
80	542	492
75	475	433
70	478	435
65	523	476
60	603	547
55	711	643
50	829	747
45	920	833

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-06

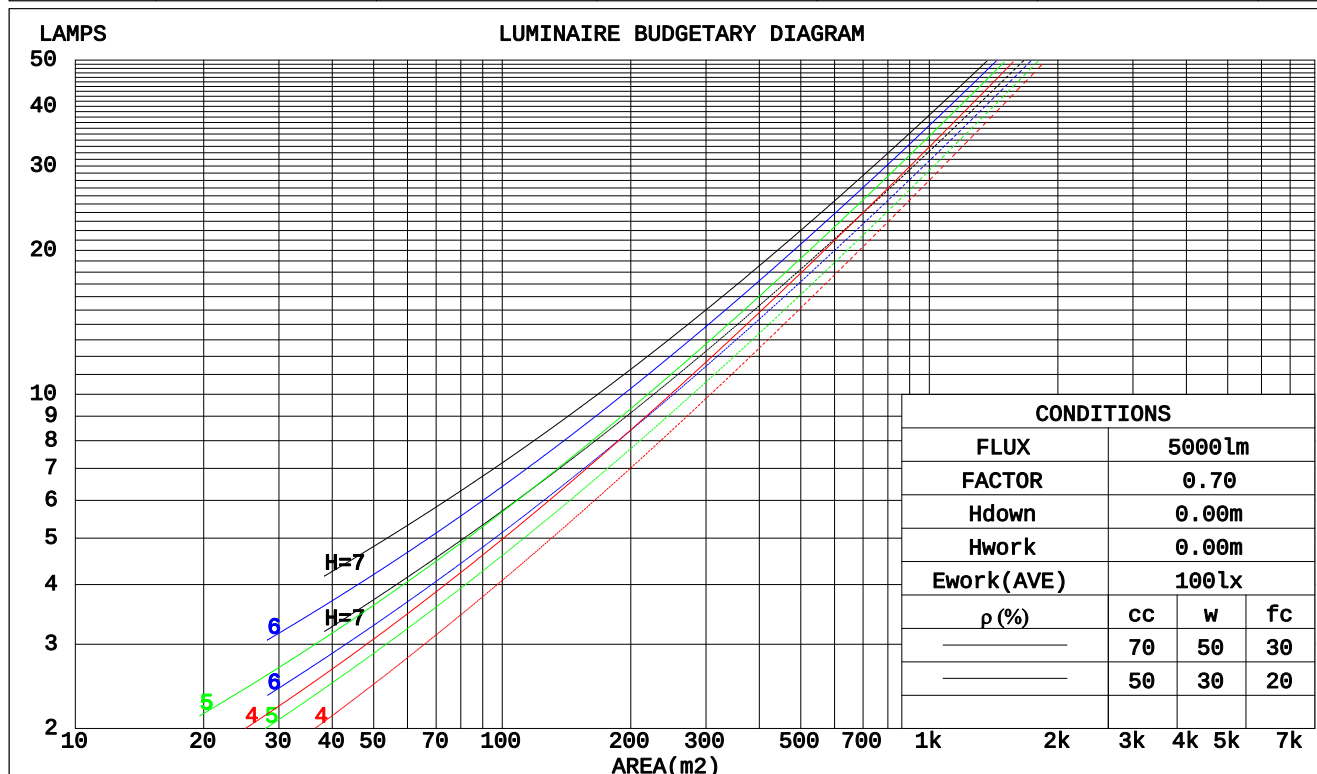
γ Range: 0 - 180DEG
γ Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:13.700m [K=1.0000]
Remarks:



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0														
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
ρfc	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94														
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.90	.87	.85	.85	.83	.82	.79														
2.0	.90	.84	.78	.88	.82	.77	.84	.78	.74	.79	.75	.72	.76	.72	.69	.67														
3.0	.80	.72	.66	.78	.70	.65	.74	.68	.63	.71	.65	.61	.67	.63	.59	.57														
4.0	.71	.62	.56	.69	.61	.55	.66	.59	.54	.63	.57	.53	.60	.55	.51	.49														
5.0	.64	.55	.48	.62	.54	.48	.59	.52	.47	.57	.51	.46	.54	.49	.45	.43														
6.0	.57	.49	.42	.56	.48	.42	.54	.46	.41	.51	.45	.40	.49	.44	.39	.37														
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.47	.40	.36	.45	.39	.35	.33														
8.0	.47	.39	.33	.46	.38	.33	.45	.37	.32	.43	.37	.32	.41	.36	.31	.29														
9.0	.43	.35	.30	.43	.35	.30	.41	.34	.29	.39	.33	.29	.38	.32	.28	.26														
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.30	.26	.35	.30	.26	.24														



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-04-06

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Range: 0 - 180DEG
Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:13.700m [K=1.0000]
Remarks:

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WEC AND CCEC

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm									
NAME: Lula					TYPE:3000K			WEIGHT:	
SPEC.:					DIM.:			SERIAL No.:	
MFR.: Idea Iluminación					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	.303	.172	.055	.294	.168	.053	.277	.159	.051	.262	.151	.049	.248	.144	.046		
2.0	.280	.153	.047	.272	.150	.046	.258	.143	.044	.244	.137	.043	.232	.131	.041		
3.0	.259	.138	.041	.252	.135	.041	.239	.129	.039	.227	.124	.038	.216	.119	.037		
4.0	.239	.124	.037	.233	.122	.036	.222	.117	.035	.211	.113	.034	.201	.109	.033		
5.0	.222	.113	.033	.217	.111	.032	.206	.107	.032	.196	.104	.031	.187	.100	.030		
6.0	.207	.104	.030	.202	.102	.029	.192	.099	.029	.184	.095	.028	.175	.092	.027		
7.0	.193	.095	.027	.189	.094	.027	.180	.091	.026	.172	.088	.026	.165	.086	.025		
8.0	.181	.088	.025	.177	.087	.025	.169	.084	.024	.162	.082	.024	.155	.080	.023		
9.0	.170	.082	.023	.166	.081	.023	.159	.079	.022	.153	.077	.022	.146	.074	.021		
10.0	.160	.077	.021	.157	.076	.021	.150	.074	.021	.144	.072	.020	.139	.070	.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	.234	.234	.234	.200	.200	.200	.136	.136	.136	.078	.078	.078	.025	.025	.025	
1.0	.223	.200	.179	.191	.171	.154	.131	.118	.106	.075	.068	.062	.024	.022	.020	
2.0	.215	.176	.143	.184	.151	.124	.126	.105	.086	.073	.061	.051	.023	.020	.017	
3.0	.206	.158	.120	.177	.137	.104	.121	.095	.073	.070	.055	.043	.023	.018	.014	
4.0	.199	.145	.104	.171	.125	.090	.117	.087	.064	.068	.051	.038	.022	.017	.012	
5.0	.191	.135	.093	.164	.117	.081	.113	.081	.057	.066	.048	.034	.021	.016	.011	
6.0	.185	.126	.085	.159	.109	.074	.109	.077	.052	.063	.045	.031	.020	.015	.010	
7.0	.178	.120	.079	.153	.104	.069	.106	.073	.049	.061	.043	.029	.020	.014	.010	
8.0	.172	.114	.074	.148	.099	.065	.102	.069	.046	.060	.041	.027	.019	.013	.009	
9.0	.166	.109	.071	.143	.095	.062	.099	.066	.044	.058	.039	.026	.019	.013	.009	
10.0	.160	.105	.068	.138	.091	.059	.096	.064	.042	.056	.038	.025	.018	.012	.008	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-04-06

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:13.700m [K=1.0000]
 Remarks:



UGR(Unified Glare Rating) Table

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm										
NAME: Lula					TYPE:3000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Idea Iluminación					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	16.0	17.4	16.4	17.7	18.0	15.9	17.3	16.2	17.6	17.9
3H	16.8	18.1	17.2	18.5	18.8	16.7	18.0	17.1	18.3	18.7
4H	17.3	18.5	17.7	18.8	19.2	17.1	18.3	17.5	18.7	19.0
6H	17.7	18.9	18.1	19.3	19.6	17.5	18.7	18.0	19.1	19.4
8H	18.0	19.1	18.4	19.4	19.9	17.7	18.8	18.2	19.2	19.6
12H	18.3	19.3	18.7	19.7	20.1	18.0	19.1	18.4	19.5	19.9
4H 2H	16.3	17.5	16.7	17.9	18.3	16.2	17.4	16.6	17.8	18.1
3H	17.4	18.4	17.8	18.8	19.2	17.3	18.3	17.7	18.7	19.1
4H	18.0	18.9	18.4	19.3	19.8	17.8	18.8	18.3	19.2	19.7
6H	18.6	19.5	19.1	19.9	20.4	18.5	19.3	18.9	19.8	20.2
8H	18.9	19.7	19.4	20.2	20.7	18.8	19.6	19.3	20.0	20.5
12H	19.3	20.1	19.9	20.6	21.1	19.1	19.9	19.7	20.4	20.9
8H 4H	18.2	19.0	18.7	19.4	19.9	18.1	18.9	18.6	19.3	19.8
6H	19.0	19.7	19.6	20.2	20.7	18.9	19.6	19.4	20.1	20.6
8H	19.5	20.1	20.0	20.6	21.2	19.4	20.0	19.9	20.5	21.0
12H	20.1	20.6	20.7	21.1	21.7	19.9	20.5	20.5	21.0	21.6
12H 4H	18.2	18.9	18.7	19.4	19.9	18.1	18.8	18.6	19.3	19.8
6H	19.1	19.7	19.7	20.2	20.8	19.0	19.6	19.6	20.1	20.7
8H	19.7	20.2	20.2	20.7	21.3	19.6	20.1	20.1	20.6	21.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.5				
2.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.7				

CIE Pub.117, 252.1 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -4.8$)
Area: 0.1 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-06

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:13.700m [K=1.0000]
Remarks:



UTILIZATION FACTORS TABLE

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	55	45	39	33
0.80	68	56	49	66	56	49	64	55	48	42
1.00	76	65	58	75	64	58	72	65	57	50
1.25	83	73	66	81	72	65	78	70	64	57
1.50	88	78	71	86	77	71	82	75	69	61
2.00	94	86	79	92	84	78	88	82	76	68
2.50	98	90	84	95	88	83	91	85	81	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	104	100	96	99	95	92	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

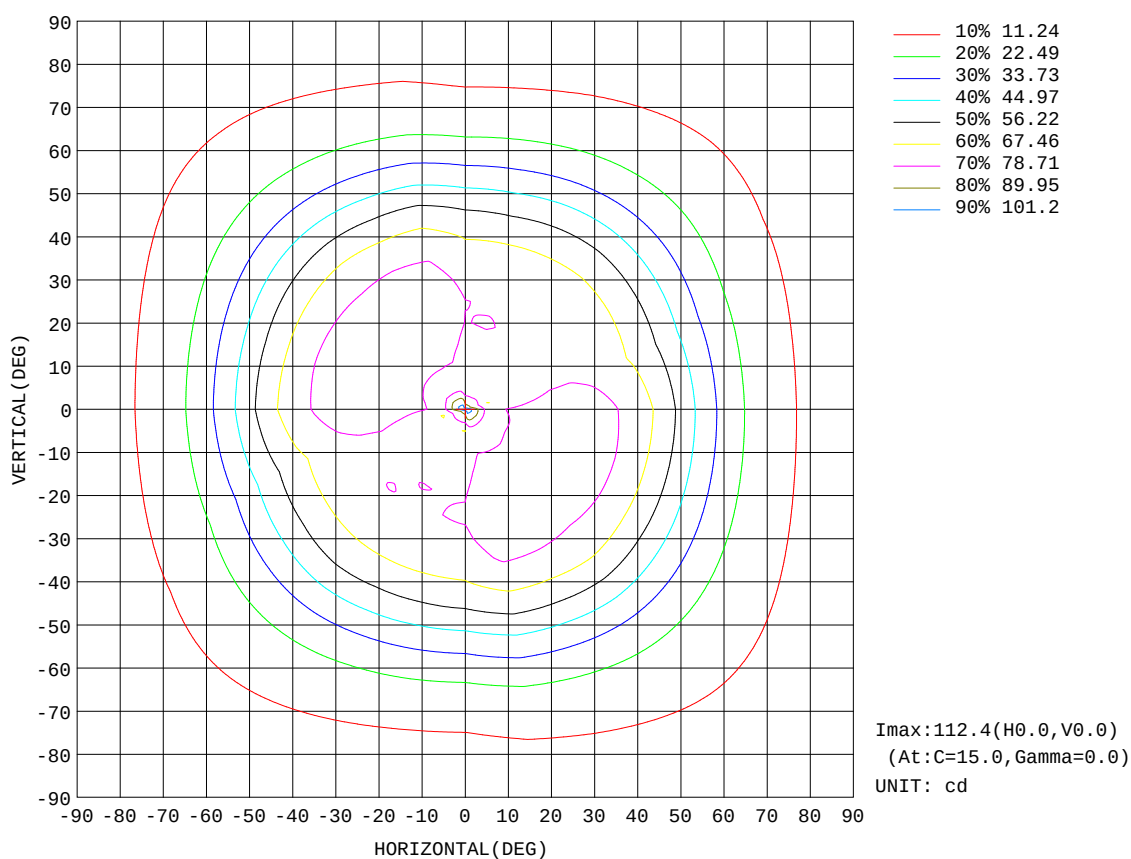
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-04-06

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:13.700m [K=1.0000]
 Remarks:



ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:



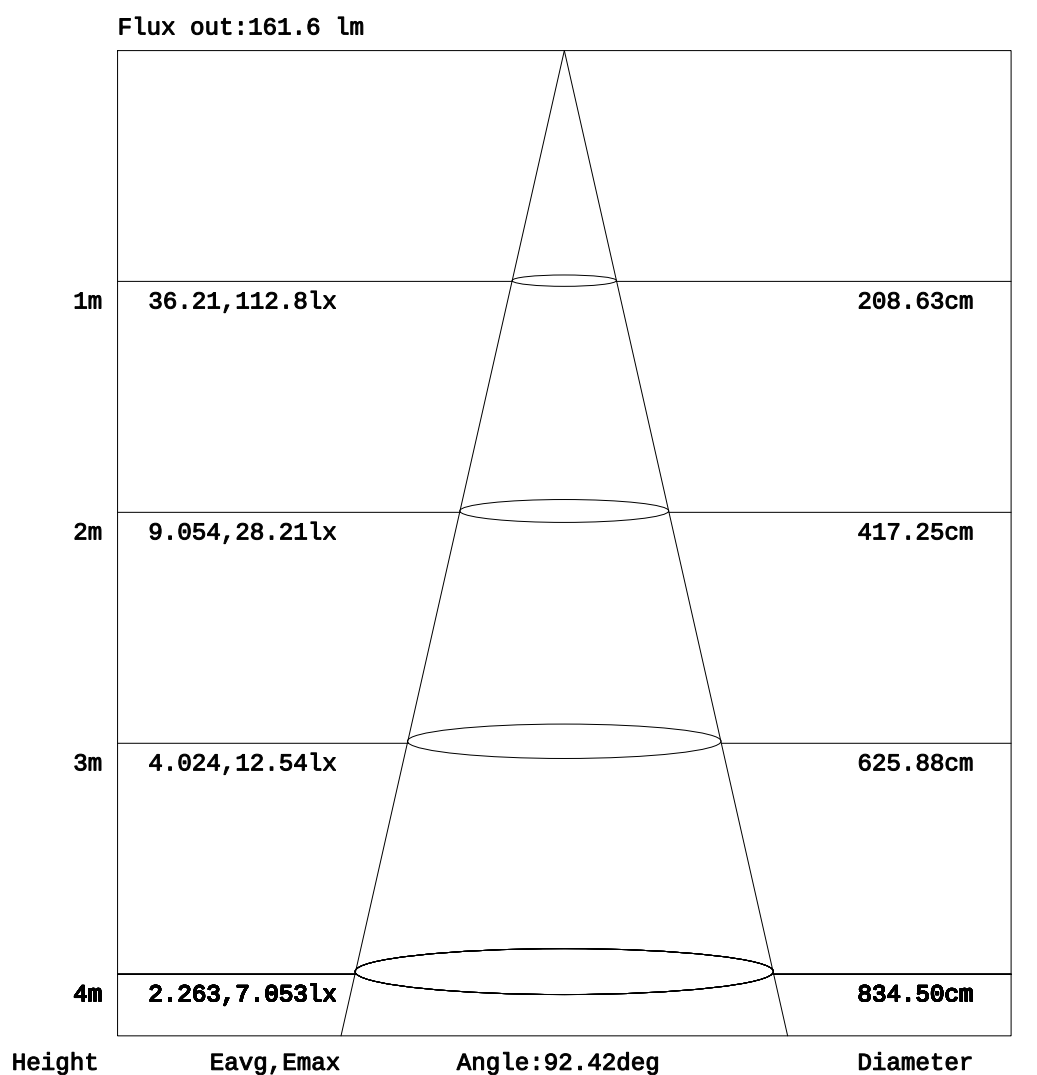
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-06

γ Range: 0 - 180DEG
γ Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:13.700m [K=1.0000]
Remarks:



AAI Figure

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:



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

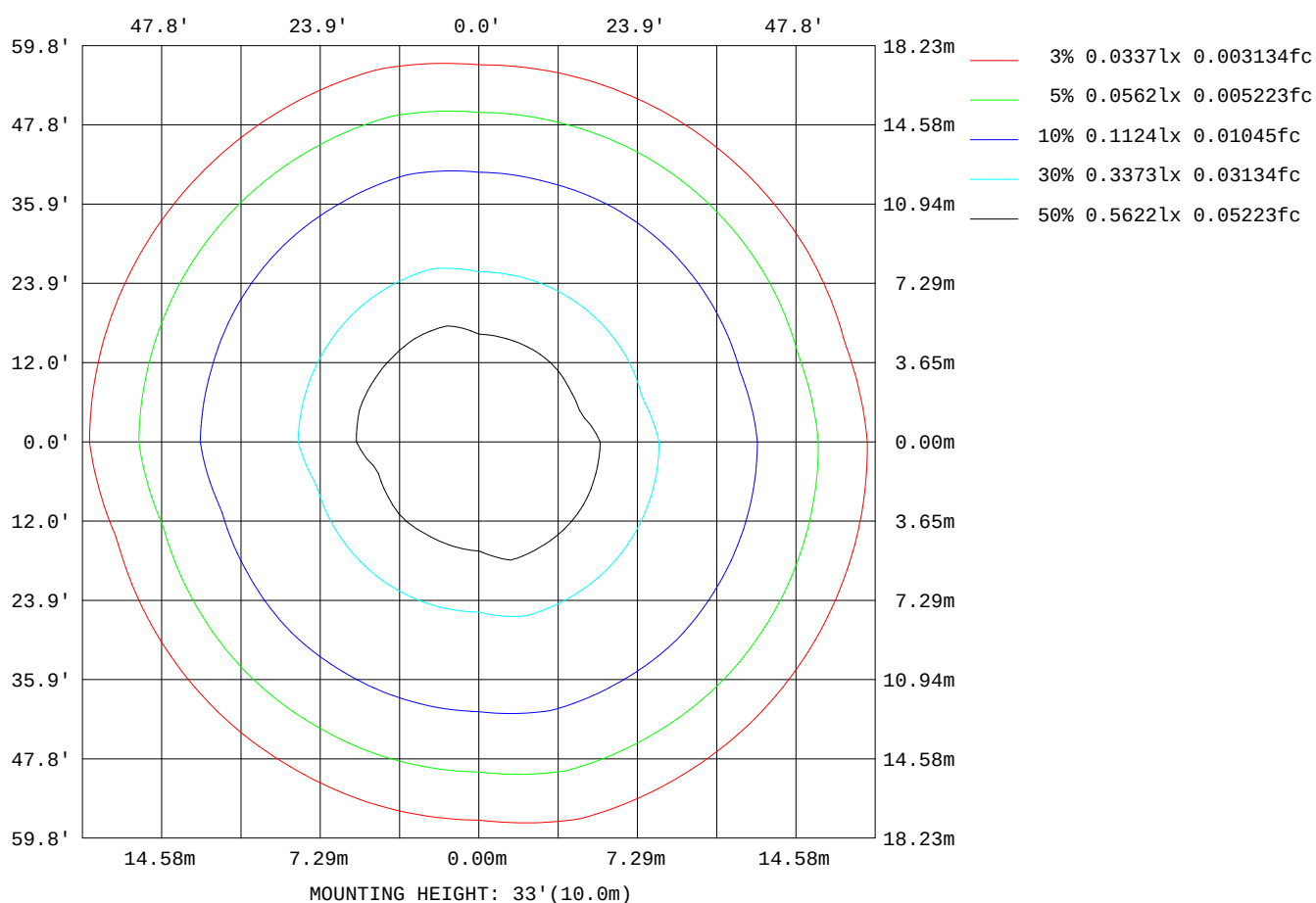
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-06

γ Range: 0 - 180DEG
γ Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:13.700m [K=1.0000]
Remarks:



ISOLUX DIAGRAM

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-04-06

γ Range: 0 - 180DEG
γ Interval: 5.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 13.700m [K=1.0000]
Remarks:



LED Avg.L Report

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	524
L_0~180(75)av	473
L_0~180(85)av	791
L_90~270(65)av	472
L_90~270(75)av	429
L_90~270(85)av	721
L_45(65)av	496
L_45(75)av	449
L_45(85)av	751

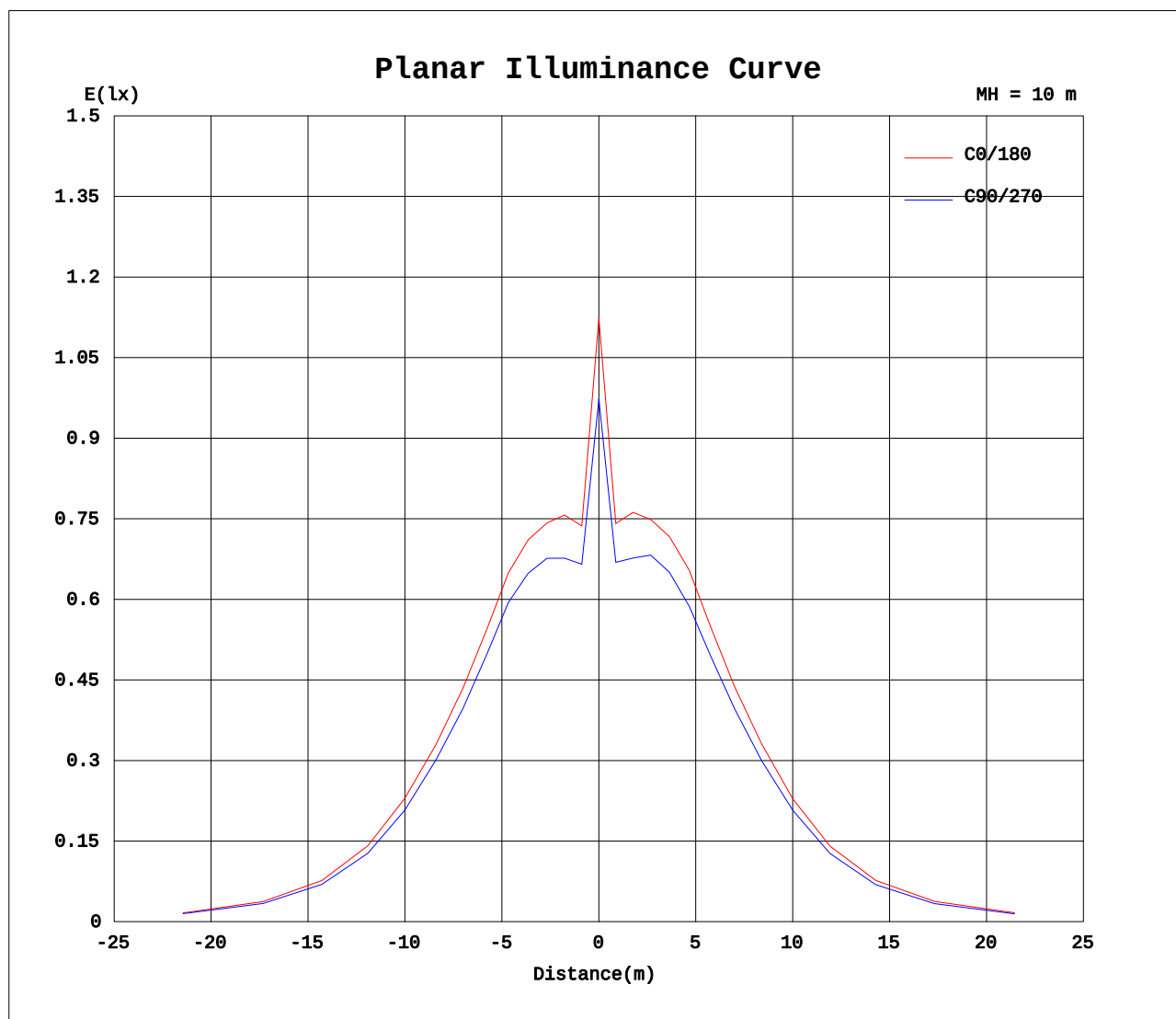
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-06

γ Range: 0 - 180DEG
γ Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:13.700m [K=1.0000]
Remarks:



Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-04-06

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 13.700m [K=1.0000]
Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm																		
NAME: Lula									TYPE:3000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: Idea Iluminación									SUR.:					Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	112	113	112	109	109	107	97.3	97.2	95.6	97.3	96.0	98.2	112	113	112	109	109	107	97.3
5	74.5	74.8	74.5	74.2	74.4	74.3	67.3	67.5	67.7	67.8	67.7	66.8	75.0	76.4	78.1	76.4	75.2	74.7	67.7
10	79.3	77.9	78.1	77.4	77.5	78.1	70.9	70.5	71.2	71.0	70.7	70.6	79.8	78.6	77.7	77.7	77.9	77.4	70.9
15	82.4	83.5	83.4	82.1	83.0	83.4	75.1	75.5	75.8	75.3	75.5	75.3	83.1	83.7	83.1	82.9	83.2	82.5	75.7
20	85.7	86.5	86.9	85.8	86.4	87.2	78.2	78.5	79.0	77.9	78.5	78.3	86.4	87.8	86.5	86.0	87.0	85.8	78.5
25	87.2	85.7	85.9	87.6	86.6	86.0	79.8	78.5	77.8	79.0	77.7	77.4	87.9	86.3	87.1	86.9	85.3	86.5	78.9
30	83.9	84.0	84.6	84.4	84.4	85.0	76.7	76.5	76.5	75.7	75.9	75.2	84.5	85.5	84.1	83.5	84.4	83.2	76.1
35	79.2	80.5	80.6	79.4	80.5	80.7	72.3	72.8	72.4	71.1	71.7	71.3	79.6	80.5	79.7	79.1	79.7	79.1	72.1
40	73.5	73.7	73.7	74.0	73.5	73.5	67.1	66.1	65.5	65.7	64.9	64.9	73.7	73.2	72.8	73.1	72.6	72.8	66.8
45	65.0	64.6	64.6	65.8	64.4	64.1	58.9	57.5	56.8	57.3	56.0	56.3	64.8	63.8	63.8	64.2	63.2	63.8	58.8
50	53.3	53.1	53.3	54.0	53.0	52.8	48.0	47.0	46.4	46.6	45.8	45.9	53.1	52.2	52.4	52.3	51.6	52.1	48.0
55	40.8	41.0	41.2	41.6	41.0	41.1	36.9	36.3	35.8	35.8	35.4	35.4	40.9	40.4	40.3	40.0	39.6	39.8	36.6
60	30.1	30.5	30.7	30.8	30.7	30.7	27.4	27.1	26.6	26.6	26.5	26.4	30.4	30.2	29.8	29.6	29.5	29.4	27.0
65	22.1	22.4	22.5	22.6	22.6	22.5	20.1	20.0	19.6	19.5	19.5	19.3	22.2	22.0	21.7	21.5	21.6	21.5	19.8
70	16.4	16.6	16.7	16.7	16.7	16.6	14.9	14.8	14.5	14.4	14.4	14.2	16.3	16.2	16.0	15.9	16.0	16.0	14.6
75	12.3	12.4	12.5	12.5	12.5	12.4	11.2	11.1	11.0	10.8	10.7	10.6	12.2	12.1	12.0	12.0	12.0	12.1	11.0
80	9.41	9.50	9.58	9.60	9.60	9.52	8.54	8.42	8.31	8.17	8.07	8.00	9.21	9.15	9.04	9.09	9.13	9.24	8.41
85	6.98	6.99	7.07	7.04	7.06	6.98	6.29	6.16	6.11	6.00	5.96	5.88	6.81	6.82	6.75	6.78	6.79	6.87	6.28
90	5.56	5.52	5.63	5.53	5.62	5.53	5.07	4.95	4.97	4.86	4.95	4.86	5.60	5.66	5.57	5.63	5.57	5.64	5.06
95	4.94	4.95	5.01	4.95	5.00	4.95	4.51	4.44	4.45	4.41	4.43	4.36	5.07	5.09	5.02	5.08	5.00	5.08	4.53
100	4.26	4.23	4.31	4.26	4.33	4.26	3.89	3.80	3.83	3.78	3.79	3.74	4.43	4.43	4.37	4.38	4.33	4.37	3.93
105	3.54	3.52	3.61	3.54	3.60	3.52	3.23	3.15	3.18	3.12	3.16	3.09	3.71	3.75	3.66	3.69	3.65	3.68	3.30
110	2.90	2.93	2.96	2.93	2.96	2.93	2.63	2.53	2.60	2.52	2.57	2.51	3.10	3.14	3.05	3.10	3.05	3.09	2.72
115	2.32	2.30	2.36	2.33	2.37	2.33	2.15	2.10	2.13	2.05	2.09	2.05	2.56	2.61	2.53	2.56	2.48	2.54	2.23
120	1.88	1.82	1.90	1.85	1.91	1.87	1.71	1.69	1.67	1.67	1.66	1.64	2.15	2.15	2.16	2.15	2.14	2.11	1.87
125	1.53	1.48	1.55	1.49	1.53	1.47	1.37	1.31	1.36	1.33	1.33	1.31	1.77	1.79	1.73	1.77	1.71	1.77	1.52
130	1.27	1.27	1.27	1.24	1.26	1.25	1.11	1.05	1.11	1.05	1.09	1.04	1.47	1.50	1.46	1.48	1.42	1.47	1.31
135	1.02	1.00	1.00	0.99	1.02	0.99	0.91	0.84	0.91	0.86	0.89	0.84	1.27	1.28	1.27	1.27	1.28	1.27	1.07
140	0.84	0.81	0.82	0.82	0.84	0.79	0.74	0.69	0.75	0.68	0.74	0.71	1.04	1.05	1.03	1.08	1.01	1.05	0.90
145	0.72	0.65	0.71	0.67	0.71	0.65	0.62	0.59	0.62	0.57	0.60	0.60	0.84	0.90	0.85	0.92	0.85	0.90	0.80
150	0.61	0.59	0.61	0.60	0.63	0.60	0.53	0.50	0.53	0.47	0.54	0.50	0.79	0.79	0.75	0.78	0.75	0.68	0.64
155	0.56	0.54	0.54	0.55	0.56	0.53	0.48	0.43	0.47	0.43	0.48	0.44	0.63	0.68	0.62	0.68	0.63	0.59	0.61
160	0.51	0.47	0.52	0.51	0.50	0.49	0.45	0.43	0.45	0.43	0.44	0.43	0.59	0.63	0.61	0.61	0.58	0.54	0.55
165	0.49	0.47	0.47	0.49	0.49	0.47	0.43	0.43	0.43	0.45	0.43	0.43	0.57	0.59	0.57	0.59	0.57	0.53	0.50
170	0.52	0.52	0.51	0.53	0.52	0.52	0.43	0.46	0.43	0.47	0.43	0.45	0.58	0.59	0.58	0.59	0.58	0.51	0.52
175	0.57	0.58	0.56	0.56	0.56	0.56	0.47	0.50	0.46	0.49	0.46	0.48	0.59	0.59	0.59	0.59	0.60	0.51	0.53
180	0.59	0.57	0.57	0.60	0.59	0.59	0.54	0.53	0.52	0.52	0.52	0.49	0.59	0.60	0.59	0.60	0.60	0.52	0.53

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-04-06

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:13.700m [K=1.0000]
 Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:252.053x1 lm		
NAME: Lula	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Idea Iluminación	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	97.2	95.6	97.3	96.0	98.2													
5	67.4	67.9	69.4	69.8	67.0													
10	70.4	69.3	69.7	69.6	69.4													
15	75.8	73.8	74.1	74.6	73.5													
20	79.4	77.6	77.4	78.2	77.1													
25	77.9	78.3	78.4	77.0	77.6													
30	77.0	76.0	75.8	76.4	75.5													
35	73.0	72.5	72.1	72.7	71.9													
40	66.5	66.8	67.3	66.9	66.3													
45	57.8	58.7	59.4	58.8	58.5													
50	47.3	48.2	48.6	48.5	48.4													
55	36.5	37.0	37.3	37.4	37.3													
60	27.2	27.4	27.5	27.8	27.6													
65	20.0	20.2	20.2	20.4	20.3													
70	14.8	14.9	14.9	15.1	15.0													
75	11.1	11.2	11.2	11.3	11.3													
80	8.50	8.58	8.61	8.69	8.67													
85	6.29	6.34	6.37	6.39	6.43													
90	5.07	5.04	5.09	5.04	5.07													
95	4.56	4.53	4.55	4.53	4.56													
100	3.95	3.94	3.94	3.92	3.94													
105	3.35	3.29	3.33	3.26	3.34													
110	2.76	2.73	2.76	2.72	2.78													
115	2.28	2.26	2.27	2.26	2.32													
120	1.91	1.87	1.88	1.88	1.90													
125	1.57	1.53	1.58	1.54	1.58													
130	1.36	1.33	1.35	1.33	1.34													
135	1.11	1.09	1.10	1.07	1.12													
140	0.97	0.93	0.94	0.89	0.94													
145	0.83	0.80	0.79	0.77	0.79													
150	0.68	0.64	0.67	0.63	0.66													
155	0.59	0.59	0.59	0.59	0.60													
160	0.55	0.57	0.54	0.53	0.56													
165	0.53	0.52	0.50	0.49	0.53													
170	0.50	0.53	0.50	0.51	0.49													
175	0.53	0.53	0.52	0.50	0.50													
180	0.52	0.53	0.53	0.50	0.50													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-06

γ Range: 0 - 180DEG
γ Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:13.700m [K=1.0000]
Remarks: