

LUMINARIA LED

MARCA DRITE, TIPO SPOT 3 VIAS DE LED, REF: LSL200, 20 W
 CCT: 4000K, COLOR NEGRO
 100-240 V, 50-60 Hz, 2000 Lm, IRC (Ra) 90%, PF: 0.9
 50000Hrs, 1 LED COB, C.F:040522LS



Light Output Ratio:	100.0%	
Luminaire Power:	19.72 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

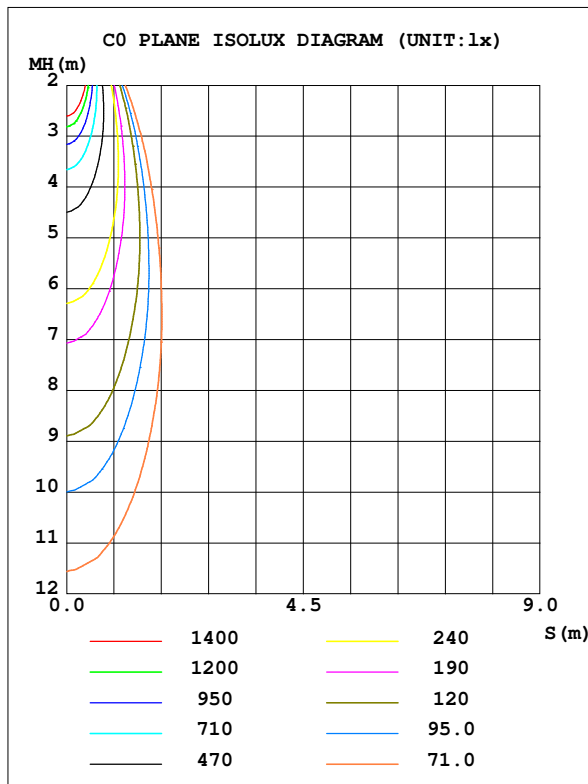
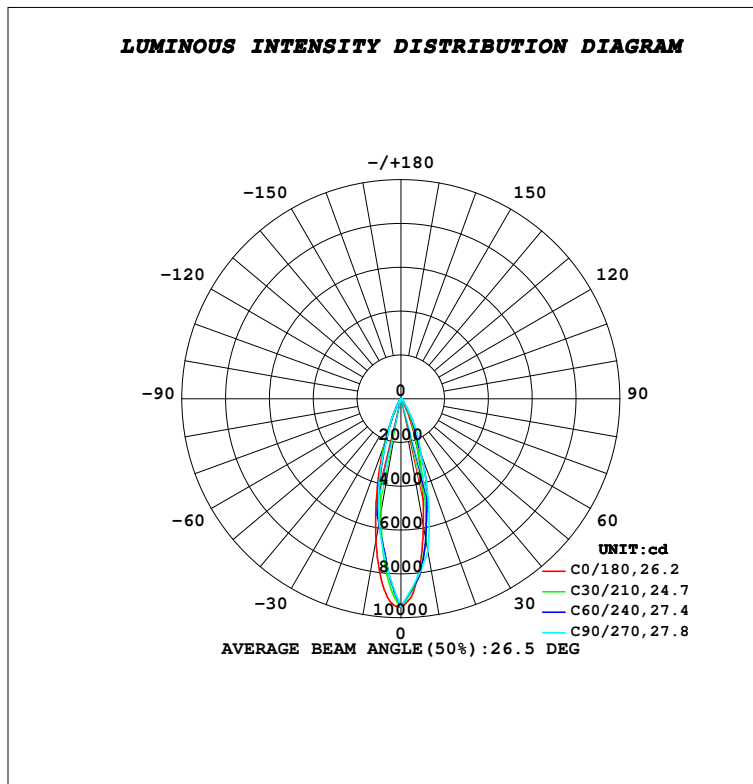
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JAV
Test Date:2023-01-11

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.417
Humidity:56.9%
Test Distance:13.200m [K=1.0000]
Remarks: LUMINARIA LED TIPO SPOT 20 W
QTEST 26887-06

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.52V I:0.0961A P:19.723W PF:0.9305 Freq:60.00Hz Lamp Flux:2507.93x1 lm		
NAME: LUMINARIA LED 20 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITÈ	SUR.:NA	Shielding Angle:NA

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 127.15 lm/W
MODEL	LSL200	I _{max} (cd)	9502	S/MH (C0/180)	0.42	
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.42	
RATED VOLTAGE (V)	100-240	TOTAL FLUX (lm)	2507.9	η UP, DN (C0-180)	0.0, 55.2	
NOMINAL FLUX (lm)	2507.93	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 44.8	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.00	



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 V(B) Interval: 5.0DEG
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ZONAL FLUX DIAGRAM

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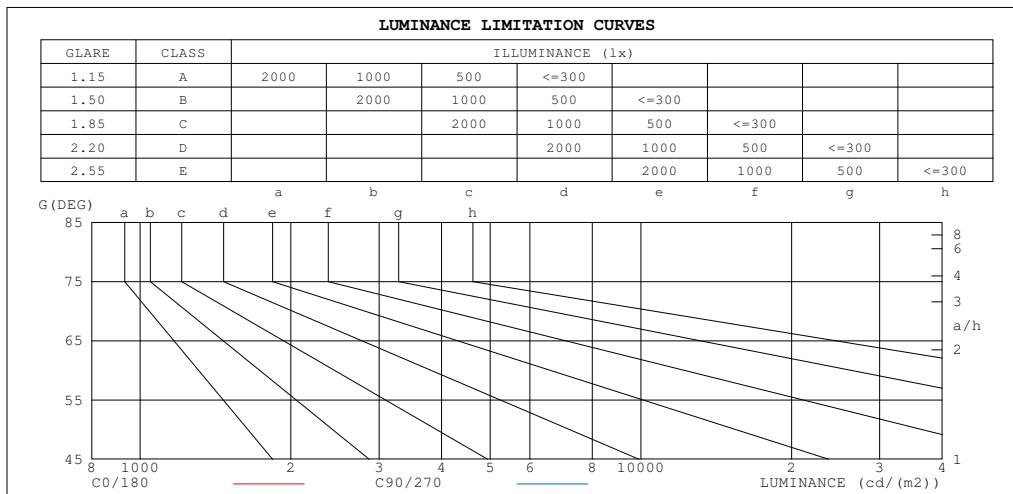
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	5931	6434	7070	6281	6588	5566	5744	5700	0- 10	706.3	706.3	28.2, 28.2
20	1874	2650	2650	2424	2230	1903	1779	1997	10- 20	1085	1791	71.4, 71.4
30	357.0	722.0	833.1	586.4	339.8	342.2	253.9	313.4	20- 30	519.1	2310	92.1, 92.1
40	50.23	72.97	82.33	64.09	51.03	52.03	48.68	49.40	30- 40	134.1	2444	97.5, 97.5
50	30.55	33.74	36.03	34.08	32.20	32.64	31.93	29.39	40- 50	34.42	2479	98.8, 98.8
60	10.35	12.81	14.32	12.78	11.21	11.72	10.56	10.00	50- 60	19.86	2499	99.6, 99.6
70	1.035	3.785	4.220	3.720	1.601	2.552	1.190	1.732	60- 70	6.561	2505	99.9, 99.9
80	0.3277	2.203	2.758	2.315	0.5300	0.5687	0.2404	0.4089	70- 80	1.585	2507	100, 100
90	0	1.017	1.551	1.069	0	0	0	0	80- 90	1.055	2508	100, 100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY: cd									UNIT: lm		

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LUMINANCE LIMITATION CURVES

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SPEC.: NA	DIM.: NA	SERIAL No.: NA
MFR.: DRITÈ	SUR.: NA	Shielding Angle: NA



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	13	248
80	19	159
75	18	135
70	30	123
65	114	219
60	207	286
55	340	438
50	475	561
45	528	822

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WEC AND CCEC

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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	.146	.083	.026	.140	.080	.025	.127	.073	.023	.116	.067	.021	.105	.061	.020	
2.0	.137	.075	.023	.131	.072	.022	.121	.067	.021	.111	.062	.020	.102	.058	.018	
3.0	.128	.068	.020	.123	.066	.020	.115	.062	.019	.107	.059	.018	.099	.055	.017	
4.0	.120	.063	.018	.117	.061	.018	.109	.058	.017	.102	.055	.017	.096	.052	.016	
5.0	.114	.058	.017	.111	.057	.017	.104	.054	.016	.098	.052	.015	.093	.050	.015	
6.0	.108	.054	.016	.105	.053	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014	
7.0	.103	.051	.014	.100	.050	.014	.096	.048	.014	.091	.047	.014	.087	.045	.013	
8.0	.098	.048	.013	.096	.047	.013	.092	.046	.013	.088	.045	.013	.084	.043	.013	
9.0	.094	.045	.013	.092	.045	.013	.088	.044	.012	.085	.043	.012	.082	.041	.012	
10.0	.090	.043	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	.079	.040	.011	

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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.107	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.039	.031	.024	.013	.010	.008	
6.0	.106	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.093	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.049	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.071	.044	.027	.049	.031	.019	.029	.019	.011	.009	.006	.004	

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UGR(Unified Glare Rating) Table

Test:U:220.52V I:0.0961A P:19.723W PF:0.9305 Freq:60.00Hz Lamp Flux:2507.93x1 lm										
NAME: LUMINARIA LED 20 W					TYPE:INTERIOR			WEIGHT:NA		
SPEC.:NA					DIM.: NA			SERIAL No.:NA		
MFR.: DRITÈ					SUR.:NA			Shielding Angle:NA		
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	-0.9	-0.2	-0.7	-0.0	0.1	3.6	4.3	3.8	4.5	4.6
3H	-1.0	-0.3	-0.8	-0.2	0.0	3.5	4.2	3.7	4.4	4.5
4H	-1.1	-0.5	-0.8	-0.3	-0.0	3.4	4.1	3.7	4.3	4.5
6H	-1.2	-0.6	-0.9	-0.3	-0.1	3.4	4.0	3.7	4.2	4.5
8H	-1.2	-0.6	-0.9	-0.4	-0.1	3.4	3.9	3.7	4.2	4.4
12H	-1.3	-0.7	-1.0	-0.4	-0.2	3.4	3.9	3.7	4.2	4.4
4H 2H	-1.0	-0.3	-0.7	-0.1	0.1	3.4	4.0	3.7	4.3	4.5
3H	-1.1	-0.5	-0.8	-0.3	0.0	3.3	3.9	3.6	4.1	4.4
4H	-1.2	-0.7	-0.8	-0.4	-0.1	3.3	3.8	3.6	4.0	4.4
6H	-1.2	-0.8	-0.9	-0.5	-0.1	3.2	3.7	3.6	4.0	4.3
8H	-1.3	-0.9	-0.9	-0.5	-0.2	3.2	3.6	3.6	4.0	4.3
12H	-1.3	-1.0	-0.9	-0.6	-0.2	3.2	3.6	3.6	3.9	4.3
8H 4H	-1.3	-0.8	-0.9	-0.5	-0.1	3.1	3.5	3.5	3.9	4.2
6H	-1.3	-1.0	-0.9	-0.6	-0.2	3.1	3.4	3.5	3.8	4.2
8H	-1.3	-1.0	-0.9	-0.6	-0.2	3.1	3.4	3.5	3.8	4.2
12H	-1.3	-1.1	-0.9	-0.6	-0.2	3.1	3.4	3.6	3.8	4.3
12H 4H	-1.3	-0.9	-0.9	-0.6	-0.2	3.1	3.4	3.5	3.8	4.2
6H	-1.3	-1.0	-0.9	-0.6	-0.2	3.0	3.3	3.5	3.7	4.2
8H	-1.3	-1.1	-0.9	-0.6	-0.1	3.0	3.3	3.5	3.7	4.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.7 / - 2.9					+ 3.2 / - 5.7				
1.5H	+ 2.2 / - 1.2					+ 5.5 / - 4.5				
2.0H	+ 1.8 / - 3.0					+ 2.7 / - 2.5				

CIE Pub.117, 2508 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)
 Area: 0.1 m2

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 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.417
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UTILIZATION FACTORS TABLE

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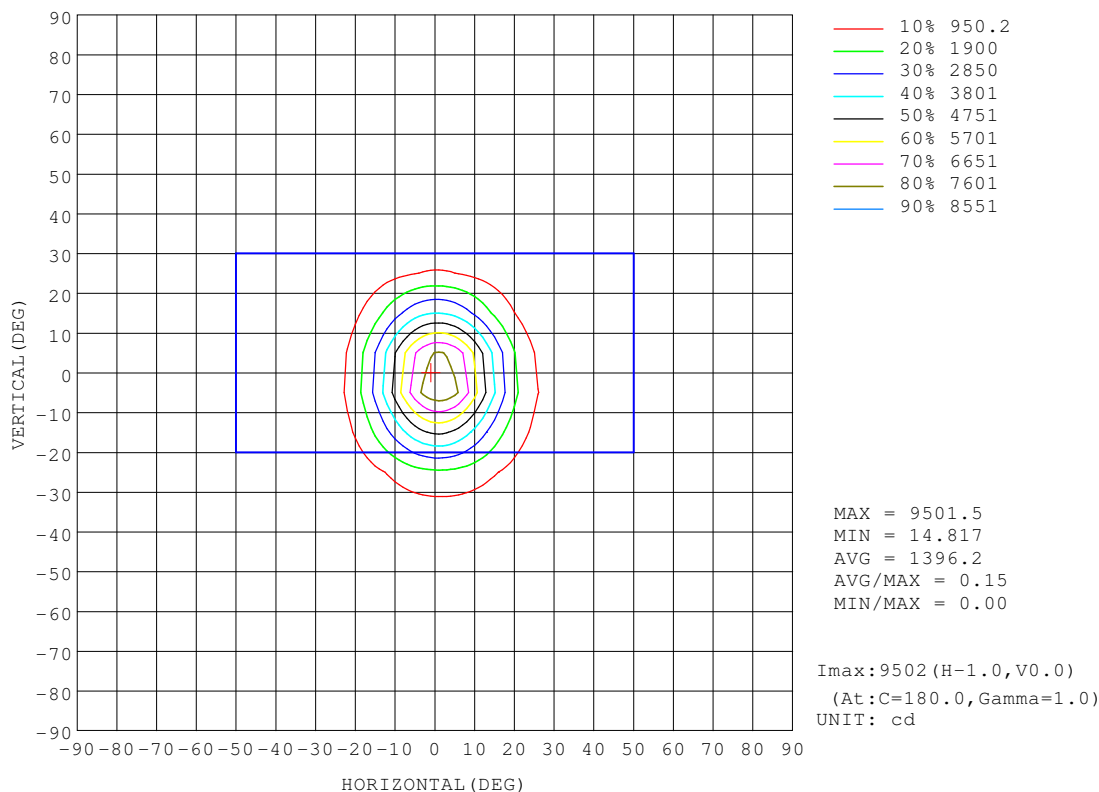
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	90	84	81	89	84	80	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	109	108	107	100
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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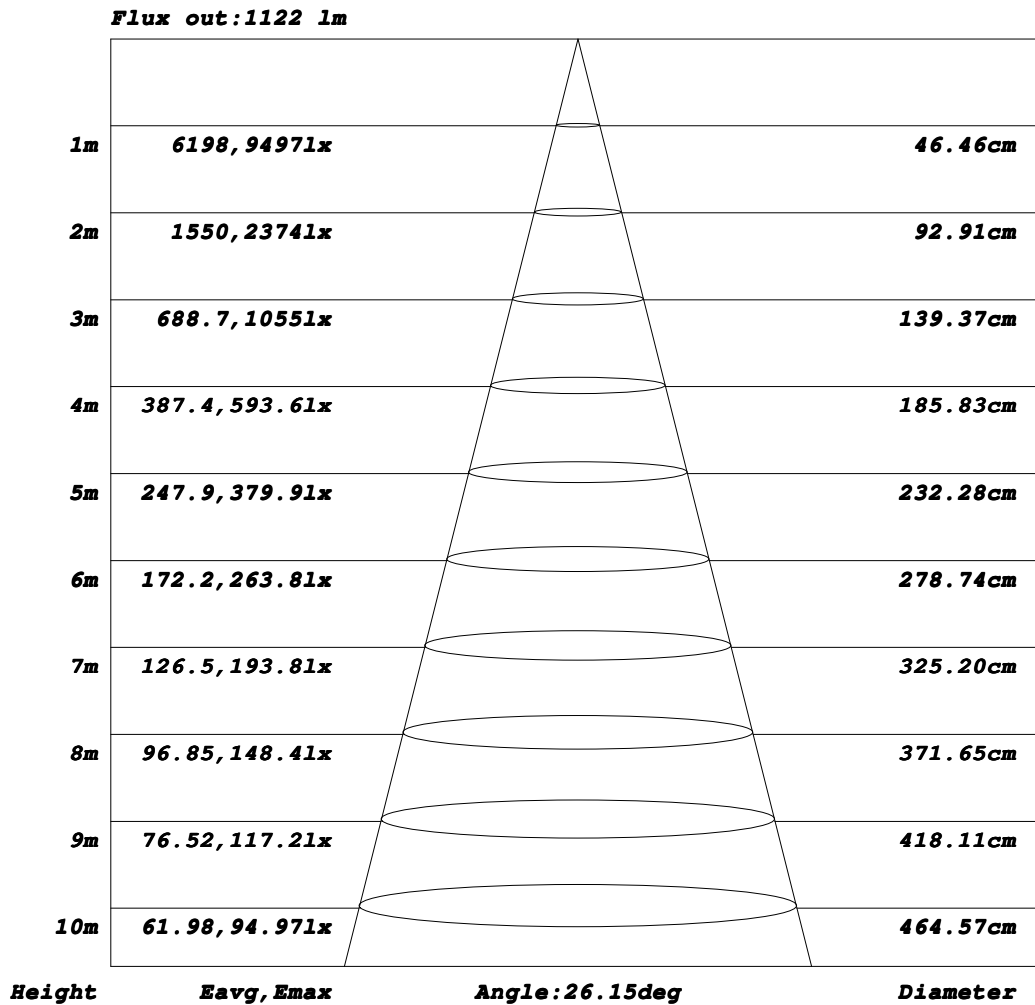


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AAI Figure

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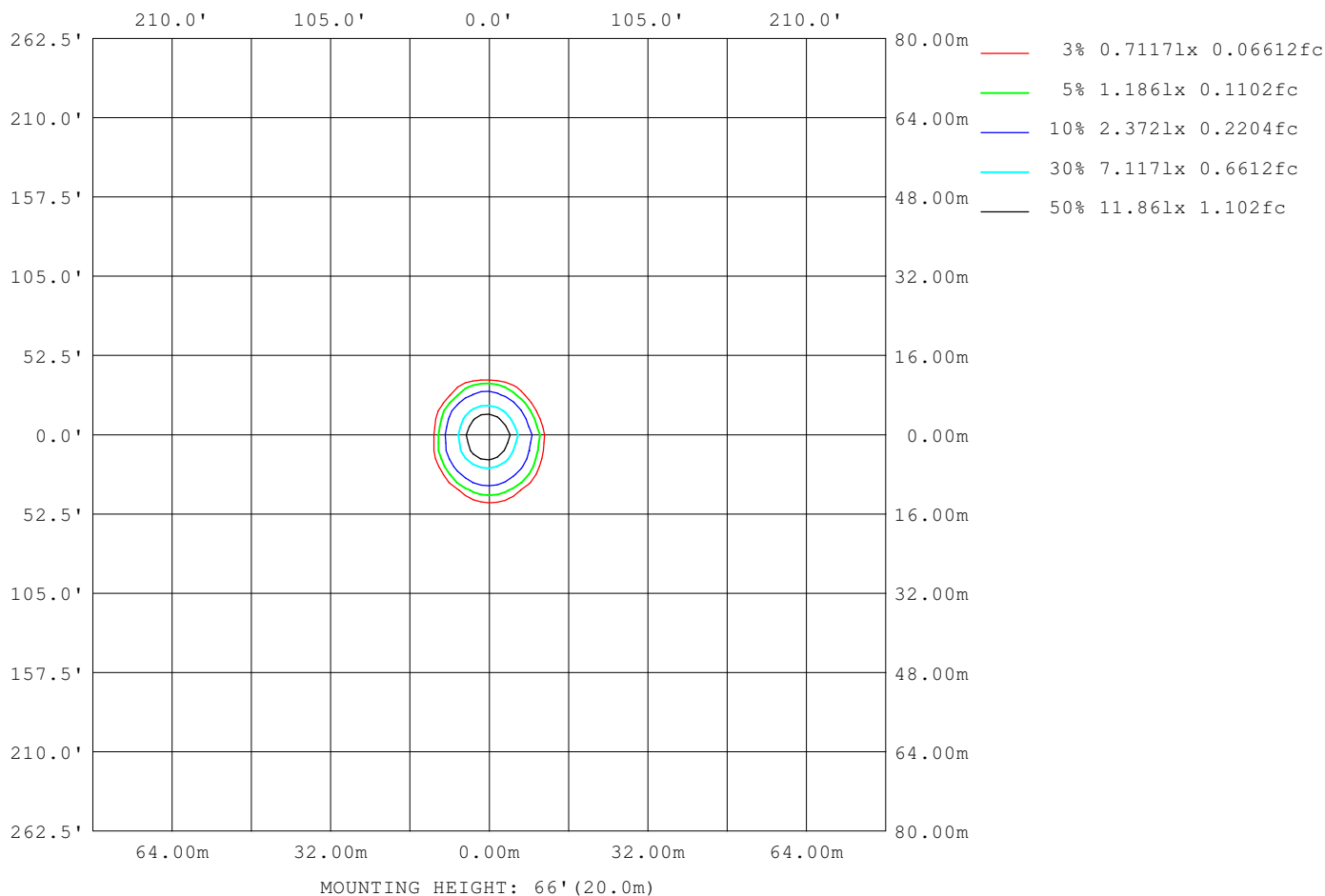
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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LED Avg.L Report

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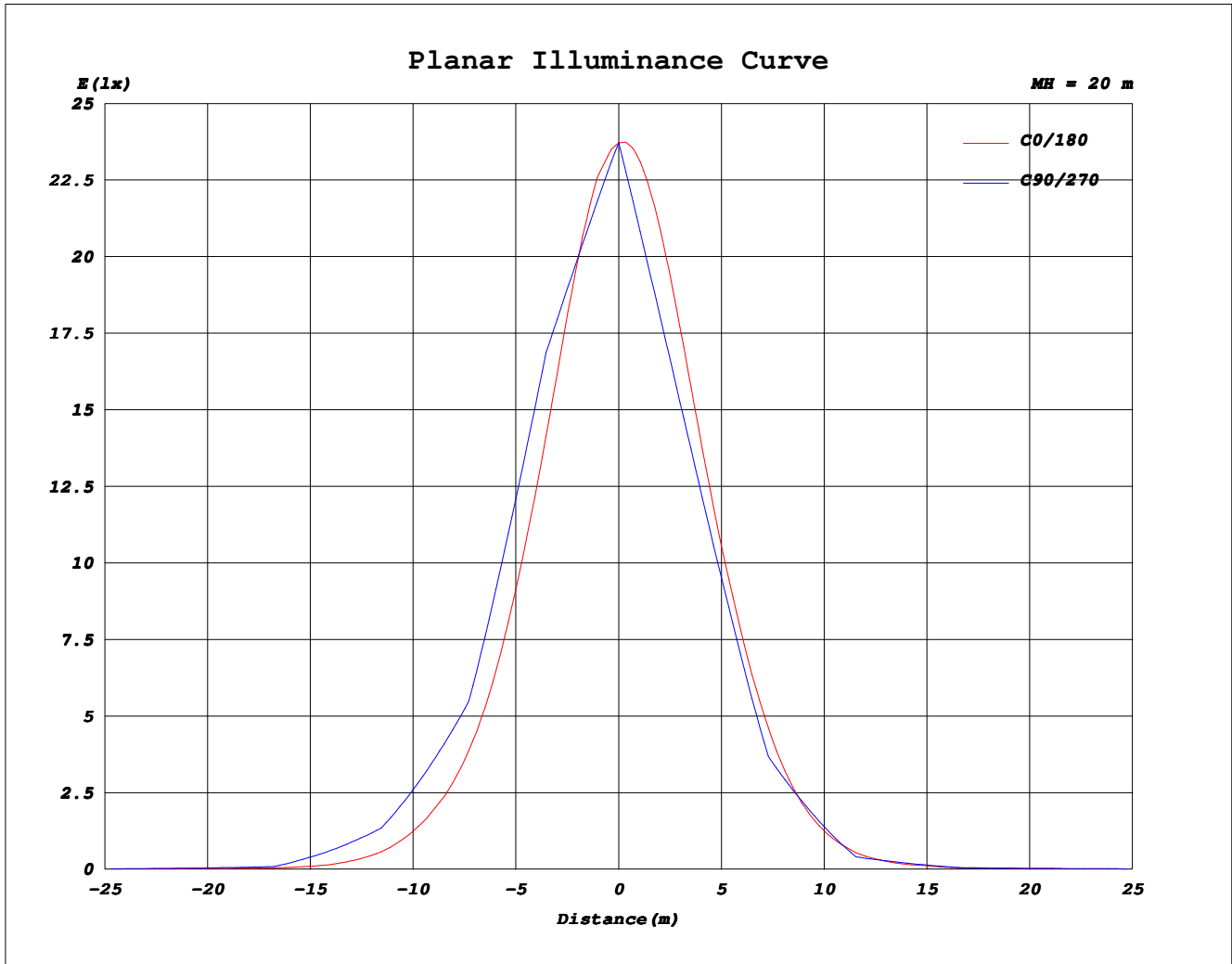
AvgL	cd/m2
L_0~180 (65) av	122
L_0~180 (75) av	22
L_0~180 (85) av	30
L_90~270 (65) av	179
L_90~270 (75) av	81
L_90~270 (85) av	131
L_45 (65) av	152
L_45 (75) av	61
L_45 (85) av	125

Standard: GB/T 29293-2012

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Planar Illuminance Curve



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MARCA DRITE, TIPO SPOT 3 VIAS DE LED, REF: LSL200, 20 W
CCT: 4000K, COLOR NEGRO
100-240 V, 50-60 Hz, 2000 Lm, IRC(Ra) 90%, PF: 0.9
50000Hrs, 1 LED COB, C.F:040522LS

Test Distance: 13.200 metres
Test Temperature: 25.3 degrees Celsius

Significance: PHOTOMETRIC TEST
D-LUX
Carrera 46 # 14-213, Medellín - Antioquia
SAMPLES RECEIVED IN 2022-12-21

Special Notes: TEST EQUIPMENT

GONIOPHOTOMETER SYSTEM: 109A
POWER SUPPLY: 107A
POWER ANALIZER: 110A
THERMOHYGROMETER 354M

Environmental Conditions: 25 ± 1 °C temperature and 50 ± 15% RH
The results reported here relate only to the elements tested.
This test report should not be partially reproduced,
Without the approval of the QTEST Laboratory.

Approved: CLAUDIA BETANCUR

Testing Procedure: IESNA LM 79 de 2019

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JAV
Test Date:2023-01-11

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.417
Humidity:56.9%
Test Distance:13.200m [K=1.0000]
Remarks: LUMINARIA LED TIPO SPOT 20 W
QTEST 26887-06

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.52V I:0.0961A P:19.723W PF:0.9305 Freq:60.00Hz Lamp Flux:2507.93x1 lm		
NAME: LUMINARIA LED 20 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITÈ	SUR.:NA	Shielding Angle:NA

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489
5	8221	8188	8148	8114	8087	8058	8047	8041	8046	8069	8104	8148	8211	8290	8386	8497	8622	8760	8576
10	7111	7125	7105	7047	6953	6825	6660	6477	6281	6068	5858	5655	5715	5820	5958	6131	6341	6588	6277
15	4821	4770	4729	4700	4683	4683	4700	4735	4785	4751	4393	4052	3737	3449	3517	3700	3929	4205	3869
20	2682	2712	2733	2733	2704	2643	2556	2446	2424	2505	2585	2666	2376	2038	1750	1819	2004	2230	1954
25	1698	1653	1604	1550	1501	1463	1433	1396	1292	1149	1009	1110	1198	1120	871	714	819	949	786
30	835	836	826	785	730	673	604	592	586	559	464	374	383	446	382	265	280	340	270
35	436	418	388	351	310	266	218	203	174	159	166	153	122	125	153	113	102	124	102
40	85.8	98.3	110	115	108	93.4	85.9	79.0	64.1	62.0	56.5	57.8	54.0	48.3	53.1	50.5	45.6	51.0	45.4
45	55.4	52.4	49.6	46.2	42.9	42.1	43.9	42.4	40.4	40.7	41.4	39.1	38.8	39.2	37.3	39.8	36.5	39.1	36.5
50	36.2	36.5	36.6	35.6	34.7	33.9	32.8	32.6	34.1	32.8	31.6	33.0	31.6	31.8	31.3	32.1	30.2	32.2	29.9
55	25.0	25.1	25.4	25.7	26.1	26.8	25.8	22.4	21.6	23.7	24.1	20.4	24.5	20.5	24.3	19.7	20.3	23.1	20.0
60	14.3	14.6	15.0	15.3	15.4	15.3	14.1	13.0	12.8	12.8	10.9	11.8	10.7	12.1	10.2	10.3	11.3	11.2	11.2
65	9.13	9.05	8.95	8.67	8.27	7.99	7.67	7.32	6.90	6.48	6.46	5.63	5.55	4.88	5.82	5.80	6.01	5.54	6.08
70	4.24	4.27	4.25	4.22	4.31	4.37	4.25	4.02	3.72	3.08	2.68	2.46	2.06	1.70	1.31	1.19	1.41	1.60	1.41
75	3.45	3.34	3.14	2.98	2.86	2.73	2.55	2.44	2.44	2.25	1.92	1.63	1.32	0.98	0.73	0.66	0.66	0.67	0.65
80	2.78	2.78	2.74	2.69	2.64	2.56	2.47	2.39	2.32	2.24	2.16	2.07	1.78	1.39	0.93	0.56	0.50	0.53	0.48
85	2.16	2.12	2.07	2.02	1.98	1.95	1.93	1.93	1.95	1.99	2.05	2.13	2.06	1.94	1.77	1.18	0.41	0.40	0.34
90	1.54	1.50	1.43	1.35	1.28	1.21	1.15	1.09	1.07	1.07	1.07	1.09	1.12	1.18	1.28	1.42	1.36	0.00	0.00

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JAV
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.417
 Humidity:56.9%
 Test Distance:13.200m [K=1.0000]
 Remarks: LUMINARIA LED TIPO SPOT 20 W
 QTEST 26887-06

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.52V I:0.0961A P:19.723W PF:0.9305 Freq:60.00Hz Lamp Flux:2507.93x1 lm		
NAME: LUMINARIA LED 20 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITÈ	SUR.:NA	Shielding Angle:NA

Table--3

UNIT: cd

C (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489
5	8404	8247	8106	7981	7874	7785	7706	7641	7596	7563	7539	7536	7534	7545	7566	7583	7617	7636	7669
10	6002	5762	5554	5377	5240	5344	5454	5566	5664	5750	5820	5863	5882	5875	5845	5798	5744	5685	5627
15	3579	3330	3186	3370	3573	3788	4006	3983	3906	3843	3796	3765	3750	3749	3757	3776	3796	3803	3804
20	1719	1592	1797	2038	2235	2125	2015	1903	1889	1943	1970	1974	1957	1922	1872	1820	1779	1756	1753
25	643	731	910	959	868	749	802	846	875	913	943	961	974	987	999	1012	1024	1027	1017
30	237	313	351	300	278	306	327	342	344	342	365	373	358	329	295	267	254	261	285
35	108	136	113	111	128	129	118	121	135	126	129	134	138	142	146	149	151	152	150
40	50.1	52.1	48.1	53.8	56.5	54.4	56.9	52.0	62.0	68.8	69.9	69.0	66.4	61.4	55.6	50.7	48.7	50.6	55.5
45	39.6	37.0	38.9	38.3	38.2	39.9	38.8	38.4	40.1	41.2	40.6	40.3	40.2	40.2	40.1	40.2	40.3	40.3	40.3
50	31.7	30.8	31.1	30.7	32.1	30.5	31.5	32.6	30.8	30.4	31.2	32.0	32.1	32.1	32.1	32.0	31.9	31.7	31.6
55	19.4	24.0	19.7	23.3	20.1	23.4	22.5	20.4	20.1	22.0	23.3	23.0	22.4	21.8	21.4	21.3	21.3	21.3	21.5
60	10.1	9.93	11.7	10.5	12.2	10.8	11.6	11.7	11.6	11.5	12.5	12.6	12.0	11.4	11.0	10.8	10.6	10.5	10.7
65	6.19	6.02	5.39	5.87	5.61	5.87	5.62	5.61	5.78	5.74	5.89	5.93	5.90	5.85	5.84	5.88	5.89	5.87	5.85
70	1.22	1.38	1.95	1.94	2.17	2.04	2.45	2.55	2.51	2.47	2.34	2.08	1.83	1.54	1.36	1.25	1.19	1.19	1.31
75	0.65	0.67	0.70	0.74	0.76	0.77	0.87	0.87	0.72	0.71	0.70	0.69	0.71	0.71	0.71	0.73	0.72	0.70	0.68
80	0.49	0.51	0.56	0.57	0.59	0.58	0.58	0.57	0.55	0.52	0.50	0.46	0.42	0.37	0.32	0.27	0.24	0.24	0.26
85	0.36	0.38	0.37	0.40	0.41	0.39	0.36	0.34	0.31	0.28	0.26	0.24	0.21	0.19	0.17	0.14	0.13	0.12	0.12
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

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JAV
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.417
 Humidity:56.9%
 Test Distance:13.200m [K=1.0000]
 Remarks: LUMINARIA LED TIPO SPOT 20 W
 QTEST 26887-06

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.52V I:0.0961A P:19.723W PF:0.9305 Freq:60.00Hz Lamp Flux:2507.93x1 lm		
NAME: LUMINARIA LED 20 W	TYPE:INTERIOR	WEIGHT:NA
SPEC.:NA	DIM.: NA	SERIAL No.:NA
MFR.: DRITÈ	SUR.:NA	Shielding Angle:NA

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489	9489				
5	7696	7725	7758	7786	7824	7852	7875	7906	7939	7973	8014	8063	8121	8190	8269				
10	5578	5543	5530	5549	5573	5623	5700	5794	5914	6057	5994	5931	5888	5871	5883				
15	3789	3751	3689	3609	3511	3398	3277	3211	3336	3480	3652	3850	3781	3675	3609				
20	1775	1812	1867	1929	1989	2039	1997	1859	1717	1587	1701	1883	2074	2017	1924				
25	987	936	871	800	727	708	819	890	936	828	741	765	908	1020	948				
30	319	354	383	401	407	367	313	262	318	370	348	290	326	421	400				
35	144	134	121	108	103	137	148	137	113	110	136	127	98.5	139	147				
40	61.5	66.7	69.9	70.2	67.1	54.3	49.4	59.3	65.1	53.1	50.4	58.3	51.0	52.3	57.7				
45	39.8	39.1	38.6	38.0	39.3	39.8	40.3	38.6	37.6	39.7	38.8	37.8	39.2	36.4	40.0				
50	31.4	31.1	30.9	30.7	30.1	29.3	29.4	30.3	30.9	29.5	30.9	30.2	30.5	30.0	31.8				
55	21.7	22.0	21.9	20.5	18.3	18.8	20.5	20.1	17.3	20.5	18.6	20.8	17.5	21.2	21.0				
60	11.2	11.8	12.2	12.5	11.8	10.7	10.0	10.9	11.0	9.36	10.8	9.49	11.3	11.0	10.3				
65	5.88	5.93	5.54	5.19	4.67	4.87	5.32	5.28	4.53	4.94	4.44	5.09	4.35	4.14	4.27				
70	1.53	1.77	2.00	2.23	2.37	2.23	1.73	1.08	1.68	1.73	1.12	1.20	1.73	1.61	1.35				
75	0.67	0.63	0.59	0.58	0.57	0.58	0.68	0.69	0.62	0.55	0.56	0.51	0.49	0.46	0.44				
80	0.30	0.33	0.37	0.39	0.41	0.41	0.41	0.41	0.41	0.41	0.40	0.36	0.36	0.34	0.33				
85	0.14	0.15	0.17	0.19	0.21	0.21	0.20	0.19	0.16	0.10	0.10	0.14	0.14	0.13	0.18				
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				

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JAV
 Test Date:2023-01-11

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.417
 Humidity:56.9%
 Test Distance:13.200m [K=1.0000]
 Remarks: LUMINARIA LED TIPO SPOT 20 W
 QTEST 26887-06