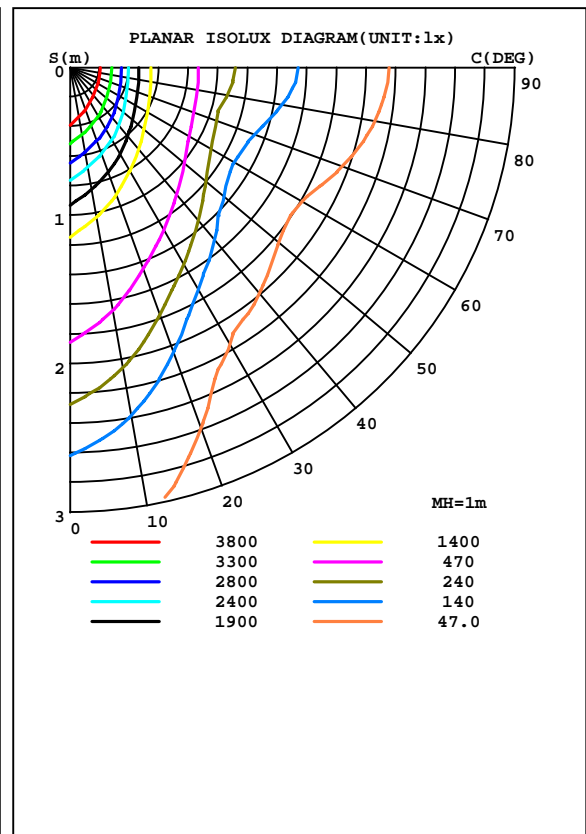
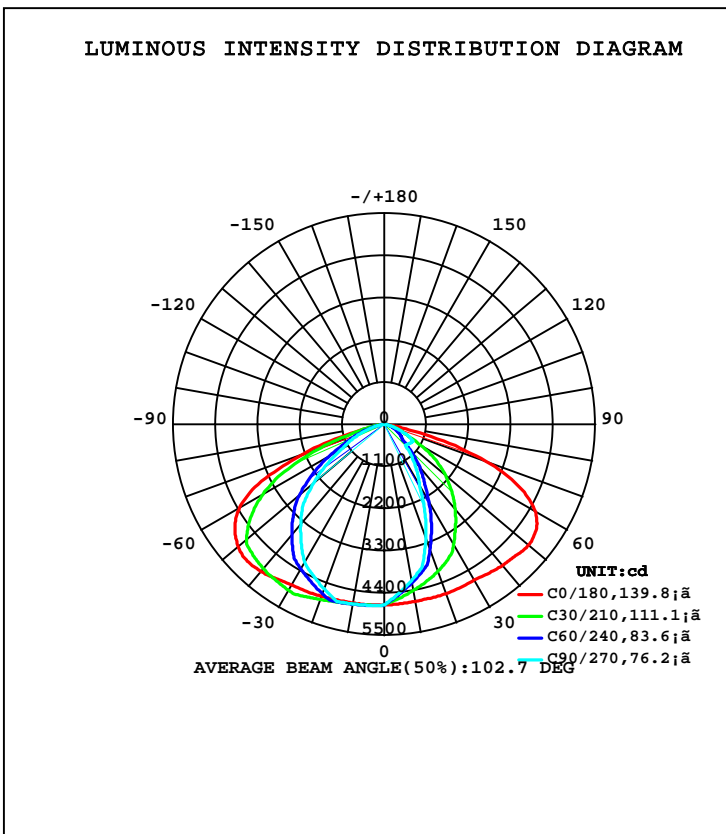


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.00lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.31 lm/W			
MODEL	Spectra 100W IP66	I <sub>max</sub> (cd)	5527	S/MH(C0/180)	1.56
NOMINAL POWER(W)	98	LOR(%)	126.8	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	12290	h UP, DN(C0-180)	0.0, 47.2
NOMINAL FLUX(lm)	12631.00	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 79.6
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	221.8	h down(%)	126.8	CIBSE SHR MAX	1.25



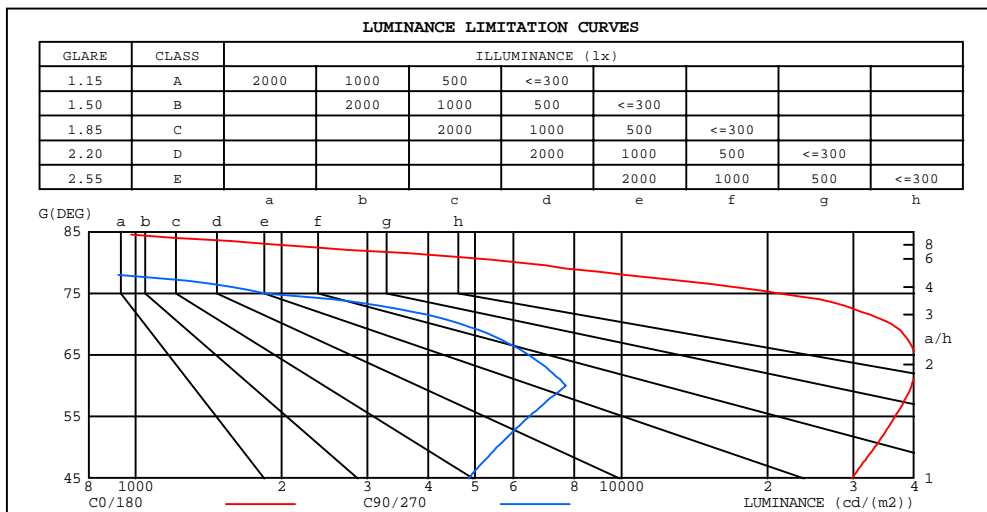
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	\$lum,lamp
5	4697	4501	4426	4515	4724	4736	4737	4720	0- 5	111.3	111.3	0.91,1.15
10	4689	4286	4137	4309	4728	4762	4759	4728	5- 10	327.6	439.0	3.57,4.53
15	4693	4069	3848	4089	4745	4801	4781	4741	10- 15	533.4	972.4	7.91,10
20	4704	3859	3184	3857	4775	4863	4576	4765	15- 20	721.1	1693	13.8,17.5
25	4706	3406	2519	3390	4806	4772	4371	4635	20- 25	873.9	2567	20.9,26.5
30	4693	2917	1854	2887	4832	4655	4166	4471	25- 30	992.5	3560	29,36.7
35	4747	2439	1499	2386	4920	4527	3780	4309	30- 35	1082	4642	37.8,47.9
40	4804	1984	1143	1907	5008	4358	3393	4123	35- 40	1148	5790	47.1,59.7
45	4851	1585	787.7	1523	5046	3990	3006	3764	40- 45	1179	6969	56.7,71.9
50	4910	1155	820.0	1105	4971	3576	2420	3358	45- 50	1174	8143	66.3,84
55	4832	714.9	852.2	665.9	4754	3091	1833	2889	50- 55	1129	9273	75.4,95.6
60	4545	554.7	884.5	509.7	4350	2307	1247	2152	55- 60	1030	10303	83.8,106
65	3891	360.9	626.3	327.7	3532	1439	902.6	1335	60- 65	859.0	11162	90.8,115
70	2836	212.5	368.2	190.7	2207	768.6	558.3	720.0	65- 70	623.4	11785	95.9,122
75	1261	143.4	110.0	120.9	784.2	417.2	213.9	406.7	70- 75	357.7	12143	98.8,125
80	247.7	66.00	0	48.88	114.1	87.21	0	104.1	75- 80	127.6	12271	99.8,127
85	14.52	0	0	0	6.512	0	0	0	80- 85	18.58	12289	100,127
90	5.437	0	0	0	5.839	0	0	0	85- 90	0.9187	12290	100,127
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		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	724	0
80	6202	0
75	21191	1848
70	36054	4680
65	40033	6443
60	39523	7691
55	36624	6460
50	33209	5546
45	29830	4844

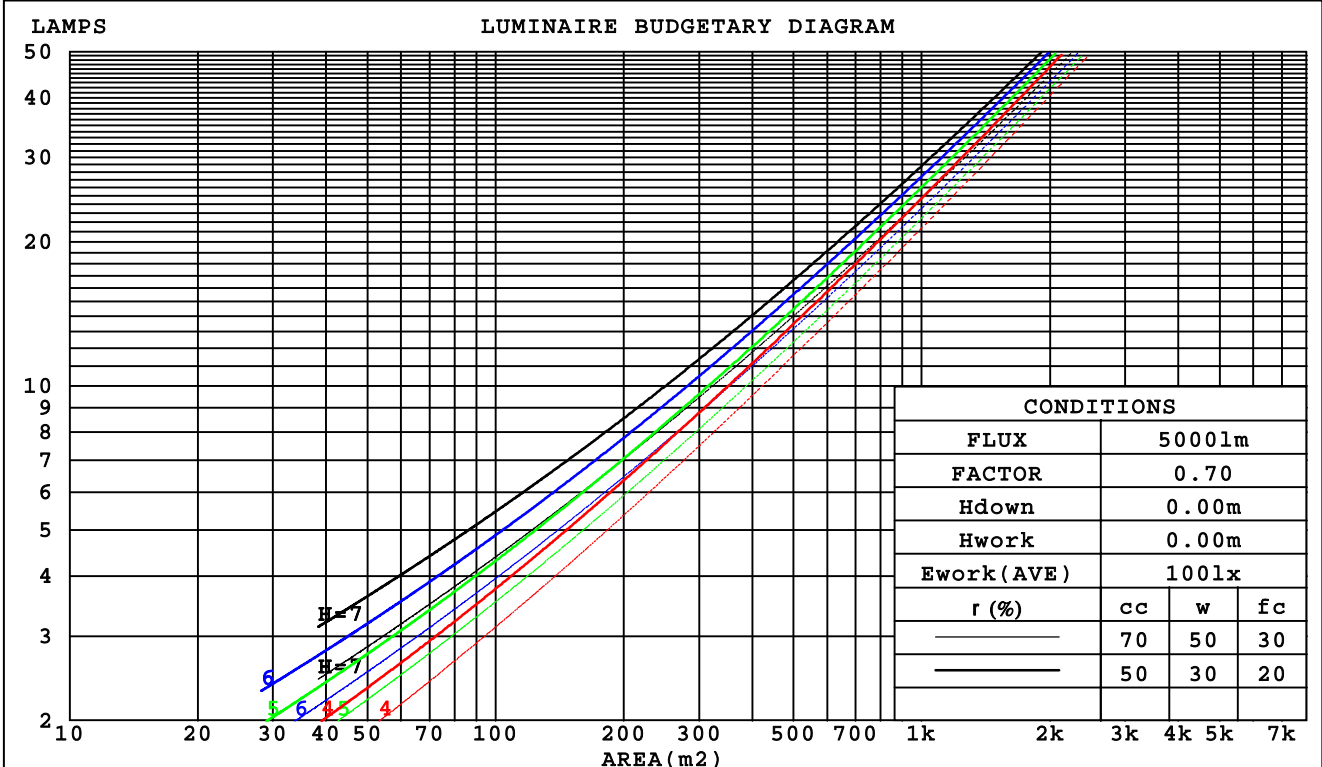
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.51	1.51	1.51	1.47	1.47	1.47	1.41	1.41	1.41	1.35	1.35	1.35	1.29	1.29	1.29	1.27
1.0	1.34	1.29	1.25	1.31	1.27	1.23	1.26	1.22	1.19	1.21	1.18	1.15	1.16	1.14	1.12	1.09
2.0	1.17	1.09	1.03	1.15	1.08	1.01	1.11	1.04	.99	1.07	1.01	.97	1.03	.98	.95	.92
3.0	1.04	.94	.86	1.02	.92	.85	.98	.90	.84	.94	.88	.82	.91	.86	.81	.78
4.0	.92	.81	.73	.90	.80	.72	.87	.78	.71	.84	.77	.70	.81	.75	.69	.67
5.0	.82	.71	.63	.81	.70	.62	.78	.69	.62	.75	.67	.61	.73	.66	.60	.58
6.0	.74	.63	.55	.73	.62	.55	.70	.61	.54	.68	.60	.54	.66	.59	.53	.51
7.0	.67	.56	.48	.66	.56	.48	.64	.55	.48	.62	.54	.47	.60	.53	.47	.45
8.0	.61	.50	.43	.60	.50	.43	.59	.49	.43	.57	.49	.42	.55	.48	.42	.40
9.0	.56	.46	.39	.55	.45	.39	.54	.45	.38	.52	.44	.38	.51	.44	.38	.36
10.0	.52	.42	.35	.51	.42	.35	.50	.41	.35	.49	.40	.35	.47	.40	.35	.32



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.351	.199	.063	.342	.195	.062	.325	.187	.060	.310	.179	.057	.296	.172	.055	
2.0	.343	.188	.058	.335	.184	.057	.320	.178	.055	.307	.172	.054	.294	.167	.052	
3.0	.324	.172	.052	.317	.170	.051	.304	.165	.050	.292	.160	.049	.281	.156	.048	
4.0	.303	.157	.046	.297	.155	.046	.285	.151	.045	.275	.147	.044	.265	.144	.044	
5.0	.282	.144	.042	.277	.142	.041	.267	.139	.041	.257	.136	.040	.248	.133	.040	
6.0	.263	.132	.038	.259	.131	.038	.250	.128	.037	.241	.125	.037	.233	.123	.036	
7.0	.246	.122	.035	.242	.121	.034	.234	.118	.034	.226	.116	.034	.219	.114	.033	
8.0	.231	.113	.032	.227	.112	.032	.220	.110	.031	.213	.108	.031	.206	.106	.031	
9.0	.217	.105	.029	.213	.104	.029	.207	.102	.029	.201	.101	.029	.195	.099	.029	
10.0	.204	.098	.027	.201	.097	.027	.195	.096	.027	.190	.094	.027	.185	.093	.027	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.241	.241	.241	.206	.206	.206	.141	.141	.141	.081	.081	.081	.026	.026	.026	
1.0	.226	.198	.174	.193	.170	.149	.132	.117	.103	.076	.068	.060	.024	.022	.019	
2.0	.215	.167	.128	.184	.144	.110	.126	.100	.077	.073	.058	.045	.023	.019	.015	
3.0	.205	.145	.097	.176	.125	.084	.121	.087	.059	.070	.051	.035	.022	.016	.011	
4.0	.196	.128	.076	.168	.110	.066	.115	.077	.046	.067	.045	.027	.021	.015	.009	
5.0	.187	.114	.061	.160	.099	.053	.110	.069	.038	.064	.041	.022	.021	.013	.007	
6.0	.178	.104	.051	.153	.090	.044	.105	.063	.031	.061	.037	.019	.020	.012	.006	
7.0	.169	.095	.043	.146	.082	.037	.101	.058	.026	.059	.034	.016	.019	.011	.005	
8.0	.162	.088	.037	.139	.076	.032	.096	.053	.023	.056	.032	.014	.018	.010	.005	
9.0	.154	.081	.032	.133	.071	.028	.092	.050	.020	.054	.029	.012	.017	.010	.004	
10.0	.147	.076	.029	.127	.066	.025	.088	.046	.018	.051	.027	.011	.017	.009	.004	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

Uncorrected UGR Table

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION 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	24.8	26.3	25.1	26.5	26.7	15.4	16.8	15.6	17.0	17.2
3H	27.0	28.4	27.3	28.6	28.8	16.6	17.9	16.9	18.2	18.4
4H	27.5	28.8	27.9	29.1	29.3	16.7	18.0	17.0	18.2	18.5
6H	27.6	28.8	27.9	29.1	29.4	16.6	17.8	17.0	18.1	18.4
8H	27.6	28.7	27.9	29.0	29.3	16.6	17.7	16.9	18.0	18.3
12H	27.5	28.6	27.9	28.9	29.2	16.5	17.6	16.9	17.9	18.2
4H 2H	24.5	25.8	24.8	26.1	26.3	16.1	17.3	16.4	17.6	17.8
3H	26.7	27.9	27.1	28.2	28.5	17.1	18.3	17.5	18.5	18.8
4H	27.3	28.3	27.7	28.7	29.0	17.3	18.3	17.7	18.6	19.0
6H	27.4	28.3	27.8	28.7	29.0	17.3	18.2	17.7	18.5	18.9
8H	27.4	28.2	27.8	28.6	29.0	17.2	18.0	17.6	18.4	18.8
12H	27.4	28.1	27.8	28.5	28.9	17.2	17.9	17.6	18.3	18.7
8H 4H	27.2	28.0	27.6	28.4	28.8	17.4	18.2	17.8	18.6	19.0
6H	27.3	28.0	27.8	28.4	28.8	17.4	18.1	17.8	18.5	18.9
8H	27.3	27.9	27.8	28.3	28.8	17.4	18.0	17.8	18.4	18.8
12H	27.3	27.8	27.7	28.2	28.7	17.3	17.8	17.8	18.3	18.7
12H 4H	27.2	27.9	27.6	28.3	28.7	17.4	18.2	17.8	18.5	18.9
6H	27.3	27.9	27.7	28.3	28.8	17.4	18.0	17.8	18.4	18.9
8H	27.3	27.8	27.7	28.2	28.7	17.3	17.9	17.8	18.3	18.8

Variations with the observer position at spacings:		
S = 1.0H	+ 0.5 / - 0.4	+ 0.8 / - 1.0
1.5H	+ 1.7 / - 2.0	+ 1.0 / - 1.1
2.0H	+ 3.0 / - 5.4	+ 1.7 / - 2.1

CIE Pub.117 Corrected 9696 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.9)

C Range: 0 - 360DEG	g Range: 0 - 90DEG
C Interval: 5.0DEG	g Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Temperature:29DEG	Humidity:65.0%
Operators:DANU VADIM	Test Distance:9.000m [K=1.0000]
Test Date:2021-04-08	Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

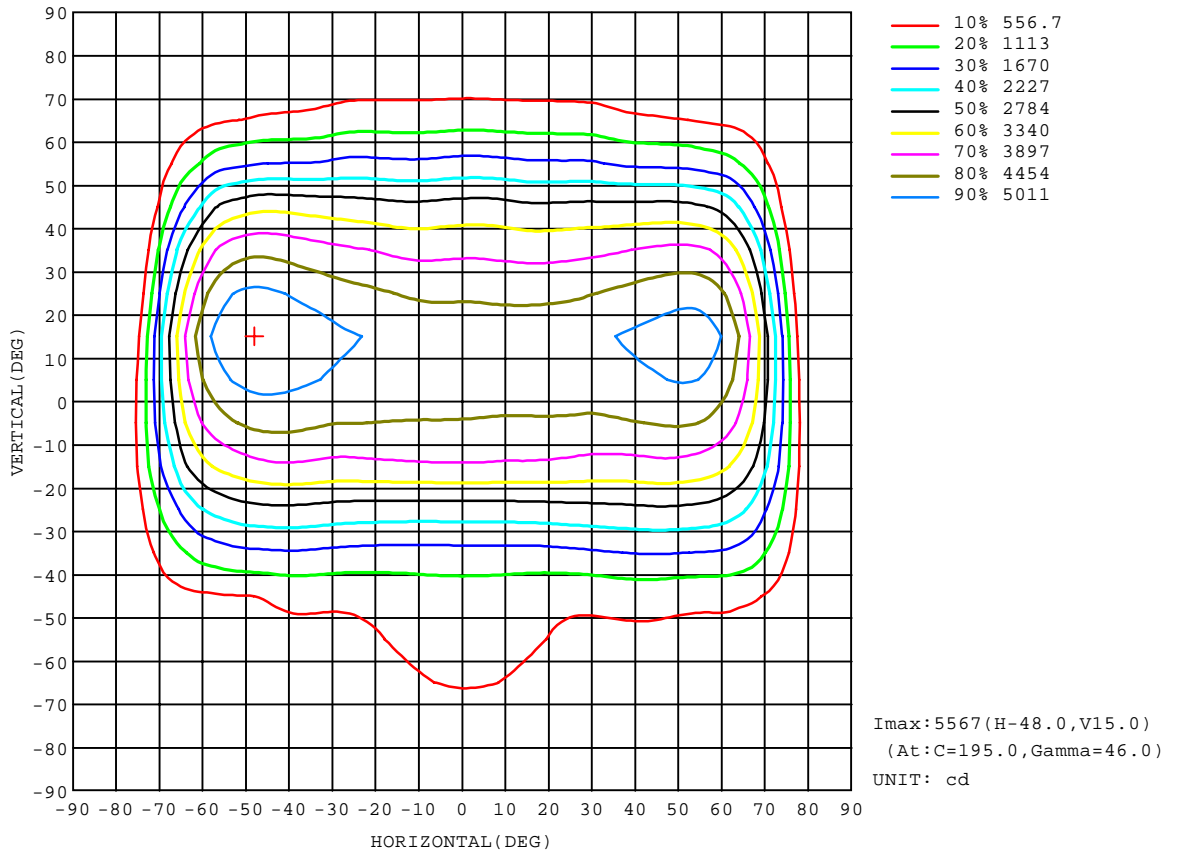
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	74	60	51	73	59	51	72	59	51	43
0.80	87	73	64	86	73	64	84	72	63	55
1.00	99	85	76	97	84	76	94	86	75	66
1.25	108	95	87	106	94	86	103	92	85	76
1.50	114	102	94	112	101	93	108	99	92	83
2.00	123	113	105	121	111	104	116	108	102	93
2.50	128	118	111	125	117	110	120	113	108	98
3.00	132	124	117	129	122	116	124	118	113	103
4.00	136	130	125	134	128	123	128	124	120	109
5.00	139	134	129	136	131	127	131	127	123	112
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

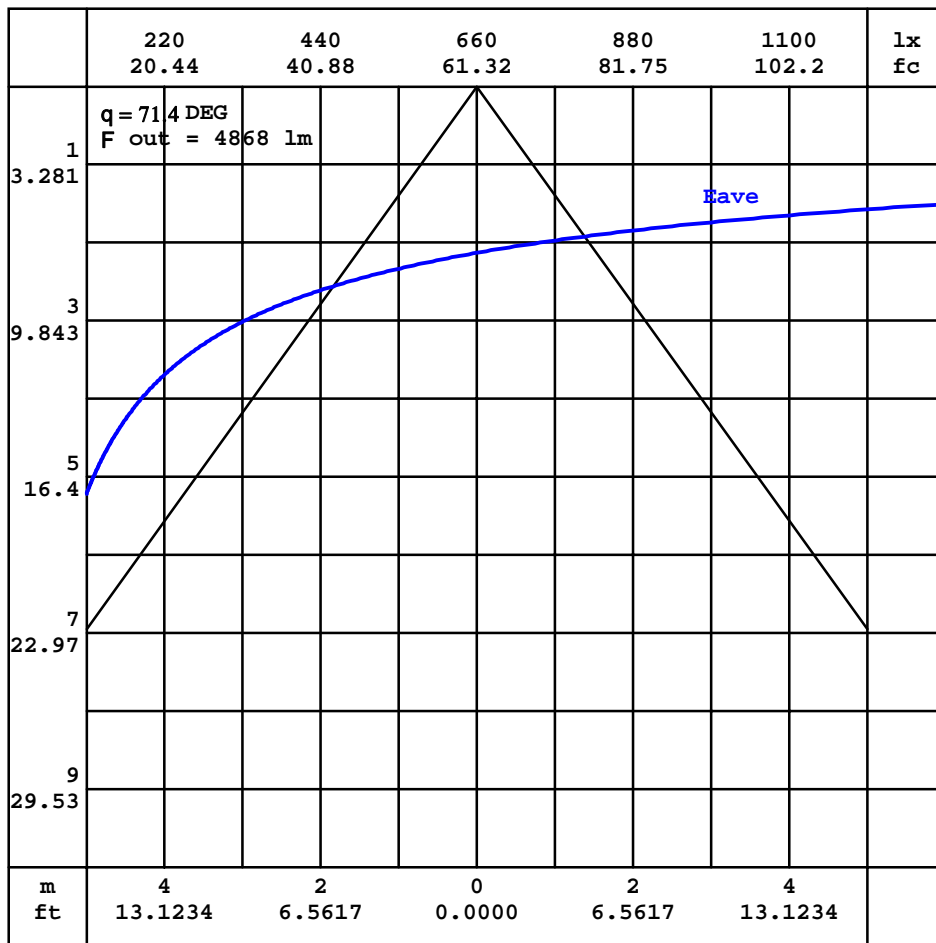


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 29DEG  
 Operators: DANU VADIM  
 Test Date: 2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

AAI CURVES

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



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

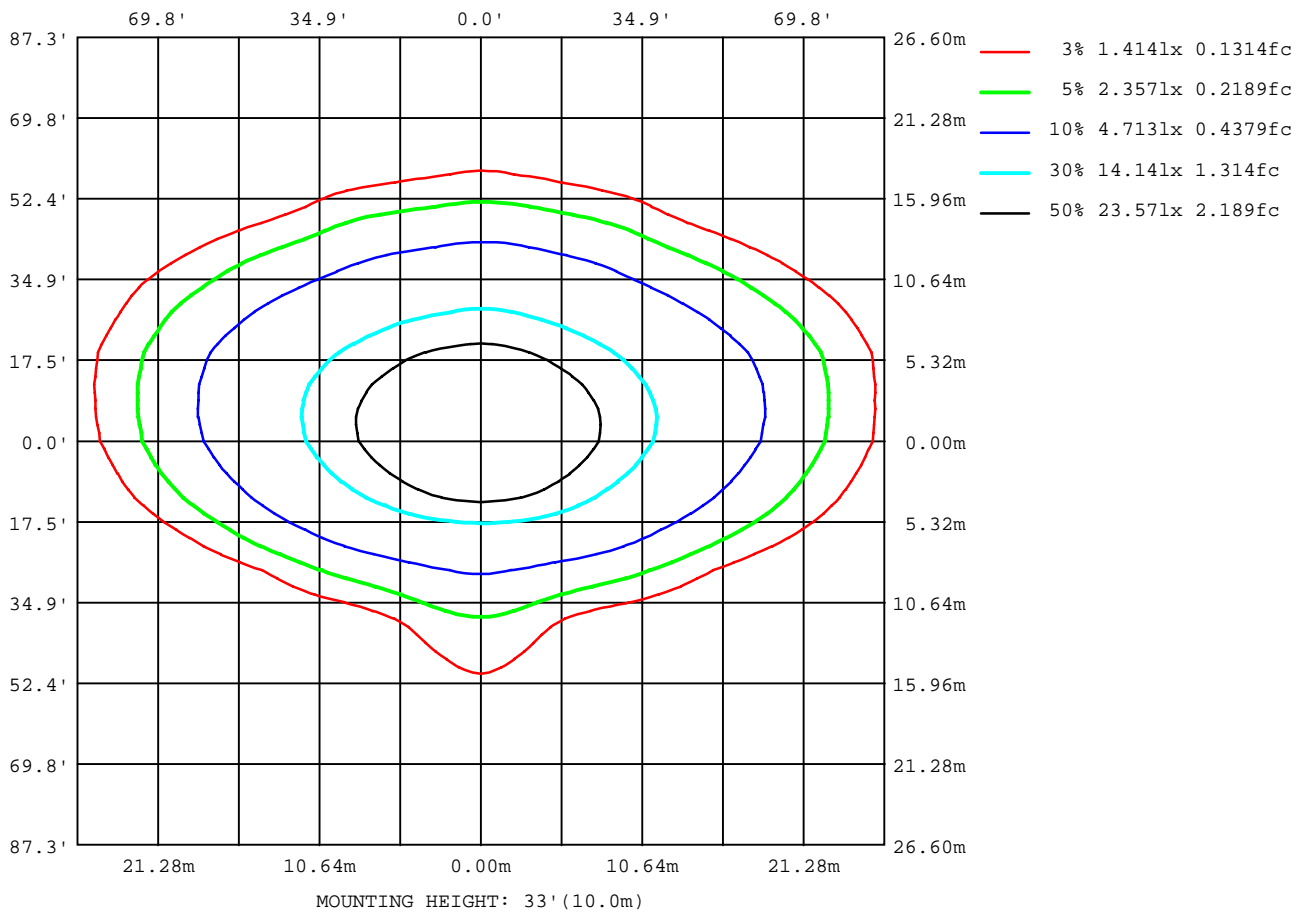
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

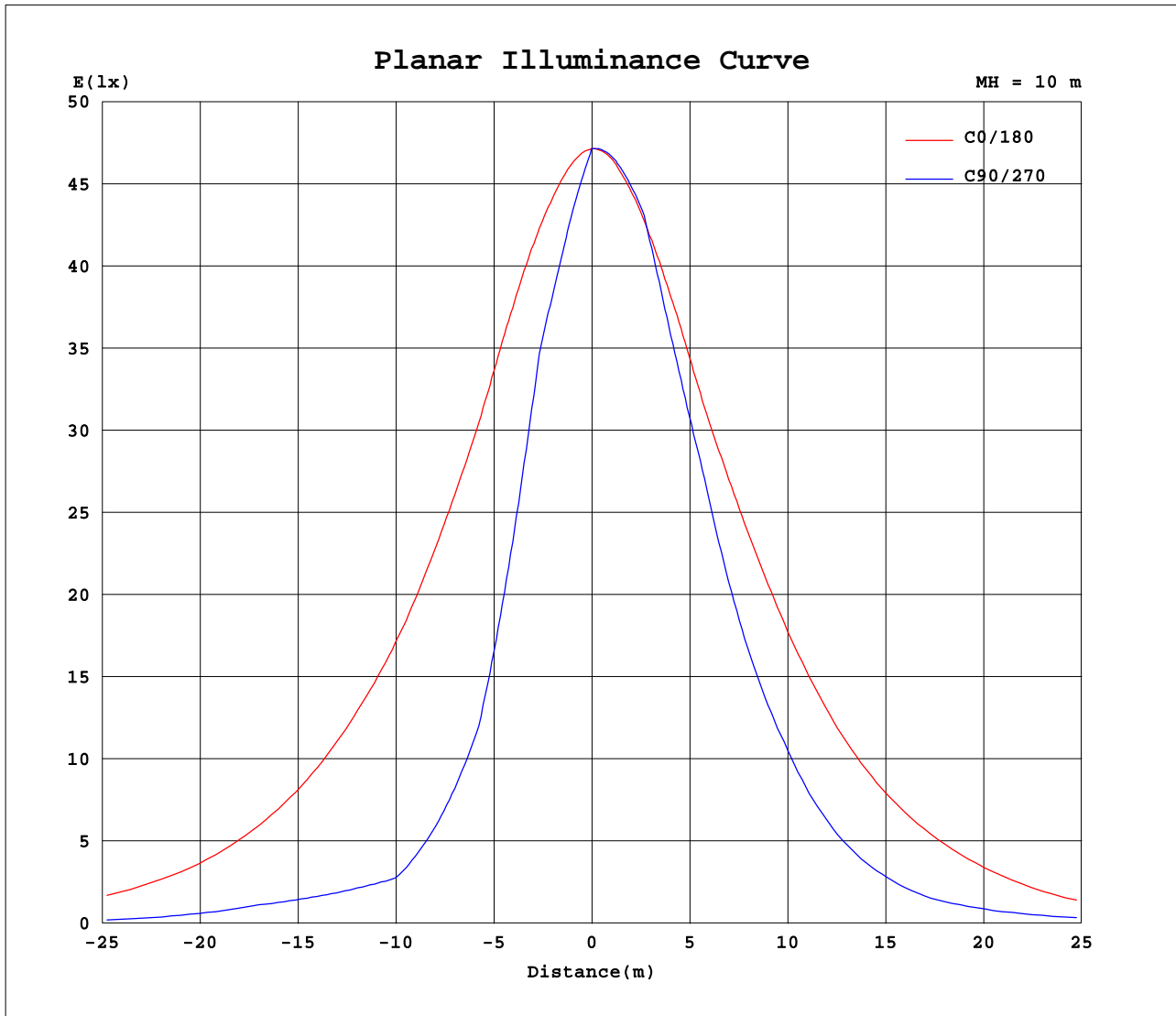
Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 29DEG  
 Operators: DANU VADIM  
 Test Date: 2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C( DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715
5	4697	4672	4648	4624	4600	4578	4556	4536	4517	4501	4485	4472	4459	4449	4440	4433	4429	4426	4426
10	4689	4638	4588	4539	4491	4445	4401	4359	4321	4286	4254	4227	4203	4183	4166	4153	4144	4139	4137
15	4693	4615	4538	4461	4387	4316	4249	4185	4125	4069	4020	3978	3944	3915	3892	3874	3860	3852	3848
20	4704	4595	4487	4382	4280	4183	4091	4007	3928	3859	3752	3617	3500	3404	3327	3267	3222	3193	3184
25	4706	4559	4416	4277	4144	4020	3906	3803	3600	3406	3228	3068	2925	2800	2700	2624	2567	2532	2519
30	4693	4506	4322	4144	3974	3820	3626	3379	3143	2917	2707	2513	2343	2199	2078	1983	1915	1871	1854
35	4747	4502	4260	4028	3810	3551	3250	2963	2694	2439	2194	1966	1817	1708	1628	1569	1530	1507	1499
40	4804	4500	4199	3905	3597	3228	2885	2562	2258	1984	1765	1578	1427	1316	1242	1193	1164	1148	1143
45	4851	4487	4129	3785	3331	2897	2503	2149	1853	1585	1351	1158	1009	902	838	805	792	786	788
50	4910	4442	3997	3530	3008	2526	2098	1748	1436	1155	907	706	629	635	666	715	765	803	820
55	4832	4274	3751	3151	2581	2070	1652	1294	980	715	615	556	542	566	619	692	767	827	852
60	4545	3929	3339	2693	2083	1554	1109	761	651	555	475	432	437	483	561	663	764	849	884
65	3891	3324	2741	2124	1510	953	625	521	442	361	304	289	321	370	428	494	555	605	626
70	2836	2414	1926	1410	828	545	396	295	225	213	205	207	220	246	276	308	334	357	368
75	1261	1225	996	615	409	256	179	166	152	143	135	131	130	133	134	130	118	111	110
80	248	271	219	182	116	102	93.0	83.8	76.9	66.0	52.3	39.7	29.3	21.0	13.7	7.80	3.30	0.81	0.00
85	14.5	12.0	17.5	23.4	15.6	10.8	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
90	5.44	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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C( DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	
0	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	
5	4428	4433	4438	4446	4456	4468	4482	4498	4515	4534	4554	4576	4599	4623	4648	4673	4698	4724	4726	
10	4141	4148	4159	4174	4193	4217	4245	4276	4309	4345	4385	4428	4474	4522	4572	4623	4675	4728	4733	
15	3852	3863	3877	3899	3927	3959	3996	4039	4089	4146	4208	4274	4345	4420	4499	4580	4662	4745	4757	
20	3194	3221	3267	3330	3410	3507	3621	3752	3857	3930	4012	4102	4201	4308	4420	4536	4655	4775	4796	
25	2530	2562	2616	2693	2792	2913	3054	3214	3390	3584	3792	3908	4038	4179	4329	4484	4644	4806	4841	
30	1866	1902	1963	2056	2174	2319	2487	2677	2887	3116	3363	3622	3839	4018	4211	4414	4623	4832	4892	
35	1504	1522	1555	1609	1685	1787	1922	2143	2386	2648	2933	3244	3584	3881	4130	4390	4655	4920	5006	
40	1148	1162	1190	1236	1307	1408	1541	1707	1907	2187	2519	2882	3275	3695	4036	4351	4678	5008	5122	
45	791	800	816	848	908	1004	1136	1307	1523	1782	2079	2478	2915	3383	3865	4238	4635	5046	5211	
50	803	765	719	674	644	638	700	876	1105	1375	1679	2022	2475	2977	3516	4004	4472	4971	5206	
55	820	758	686	614	563	538	542	586	666	910	1198	1544	1975	2497	3059	3653	4183	4754	5059	
60	835	746	645	544	469	424	413	447	510	568	616	975	1426	1911	2491	3155	3737	4350	4671	
65	594	539	477	409	352	305	271	284	328	373	419	496	801	1276	1801	2405	2991	3532	3818	
70	350	322	293	260	230	205	191	188	191	201	245	318	398	614	1026	1424	1860	2207	2394	
75	108	111	117	120	119	116	117	117	121	128	135	140	183	281	386	600	754	784	718	
80	0.78	3.06	6.94	12.1	18.3	25.1	33.9	41.2	48.9	55.8	61.6	65.4	67.6	71.0	96.8	93.3	102	114	105	
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.71	6.10	12.6	6.64	6.46	6.51	11.9	
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	5.84	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C( DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715
5	4728	4729	4731	4732	4733	4734	4735	4736	4737	4738	4738	4738	4739	4739	4739	4738	4737	4735	4734
10	4738	4743	4748	4751	4754	4757	4759	4762	4763	4764	4764	4761	4761	4761	4761	4761	4759	4757	4754
15	4768	4777	4786	4792	4797	4801	4802	4801	4799	4795	4793	4790	4790	4783	4784	4783	4781	4778	4774
20	4815	4831	4845	4856	4864	4867	4867	4863	4827	4766	4710	4664	4630	4607	4587	4579	4576	4576	4581
25	4874	4901	4923	4940	4952	4956	4861	4772	4684	4603	4533	4471	4424	4396	4378	4371	4371	4373	4375
30	4946	4992	5028	5051	4999	4876	4763	4655	4547	4448	4356	4279	4216	4180	4168	4161	4166	4168	4164
35	5085	5152	5201	5129	4955	4797	4654	4527	4416	4296	4134	3991	3884	3815	3787	3776	3780	3788	3797
40	5225	5312	5310	5111	4914	4721	4544	4358	4132	3939	3756	3601	3484	3411	3388	3388	3393	3406	3418
45	5363	5493	5294	5060	4835	4624	4287	3990	3743	3537	3358	3198	3073	3000	2985	2999	3006	3024	3038
50	5440	5472	5233	4987	4696	4259	3889	3576	3321	3113	2906	2709	2552	2450	2409	2411	2420	2436	2452
55	5387	5260	5058	4770	4257	3807	3424	3091	2746	2496	2293	2114	1964	1864	1817	1818	1833	1841	1847
60	4944	4802	4647	4117	3653	3243	2734	2307	1983	1786	1646	1498	1364	1277	1227	1225	1247	1245	1241
65	3948	3965	3636	3260	2774	2280	1823	1439	1154	1034	1062	1015	947	904	879	884	903	897	888
70	2459	2468	2270	2077	1652	1188	864	769	698	672	686	657	609	575	551	549	558	556	556
75	844	995	1041	836	632	556	487	417	360	330	318	294	265	244	223	215	214	215	224
80	119	171	208	258	231	171	110	87.2	75.2	65.4	53.4	39.3	25.7	14.6	6.31	1.58	0.00	1.58	6.33
85	17.0	26.2	16.7	7.68	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
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

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.8V I:0.4590A P:97.30W PF:0.9560 Lamp Flux:12631.73x1 lm		
NAME: Street Spectra SMD 3030 W IP66	TYPE:100w	WEIGHT:3
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C( DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715	4715				
5	4733	4731	4729	4727	4725	4723	4720	4717	4714	4711	4709	4706	4704	4702	4699				
10	4751	4748	4744	4740	4736	4731	4728	4723	4719	4715	4711	4707	4702	4698	4693				
15	4772	4767	4761	4756	4752	4746	4741	4737	4733	4727	4721	4715	4711	4705	4700				
20	4589	4604	4626	4656	4694	4741	4765	4760	4756	4753	4748	4741	4733	4724	4714				
25	4379	4397	4424	4463	4510	4567	4635	4711	4790	4785	4778	4768	4755	4740	4724				
30	4167	4188	4219	4263	4321	4391	4471	4565	4665	4778	4827	4817	4795	4766	4732				
35	3819	3856	3918	4012	4127	4210	4309	4423	4555	4697	4856	4930	4901	4858	4806				
40	3432	3455	3516	3622	3759	3926	4123	4286	4442	4620	4812	5013	5030	4966	4890				
45	3032	3038	3107	3228	3378	3556	3764	4018	4319	4521	4739	4970	5179	5083	4974				
50	2468	2511	2628	2794	2976	3150	3358	3629	3962	4361	4644	4906	5184	5226	5073				
55	1870	1926	2042	2197	2390	2604	2889	3177	3517	3936	4435	4780	5074	5294	5058				
60	1276	1338	1439	1578	1736	1896	2152	2518	2973	3391	3891	4478	4758	5007	4814				
65	900	929	969	1030	1051	1117	1335	1678	2112	2624	3138	3666	4150	4252	4161				
70	569	598	632	679	688	675	720	801	1138	1582	2120	2604	2910	3038	3012				
75	240	265	292	325	342	360	407	471	553	625	937	1296	1446	1473	1325				
80	14.3	25.9	40.2	56.4	71.6	88.4	104	129	186	251	327	335	352	257	228				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.0	25.1	40.7	30.3	21.1				
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				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:DANU VADIM  
 Test Date:2021-04-08

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks: