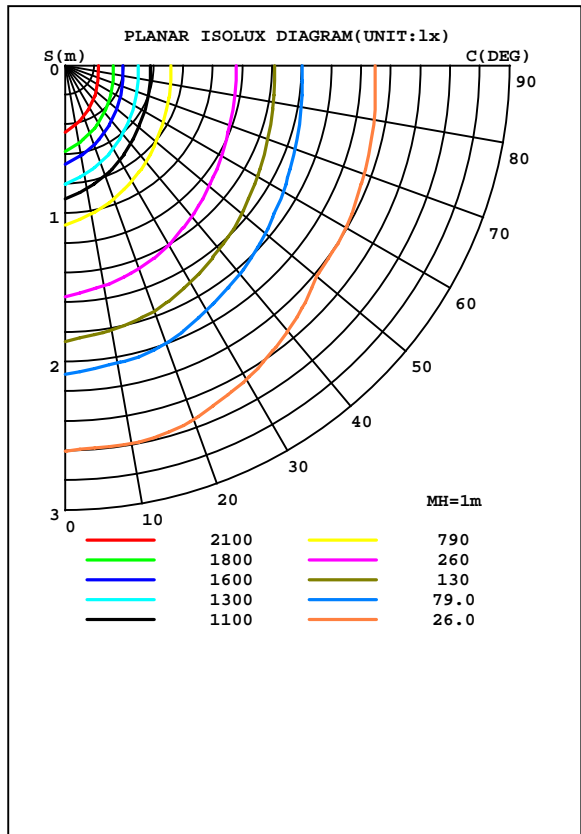
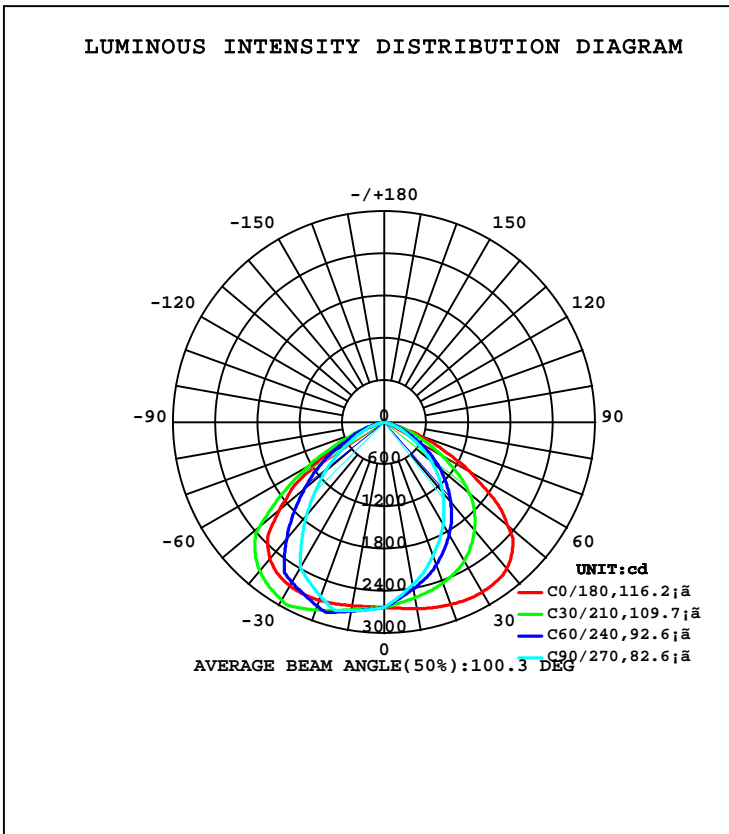


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.8V I:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.48 lm/W			
MODEL	Spectra 50W IP66	I _{max} (cd)	2949	S/MH(C0/180)	1.59
NOMINAL POWER(W)	48	LOR(%)	99.7	S/MH(C90/270)	0.98
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	6660.1	h UP, DN(C0-180)	0.0, 43.2
NOMINAL FLUX(lm)	6681.65	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 56.5
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	221.8	h down(%)	99.7	CIBSE SHR MAX	1.35



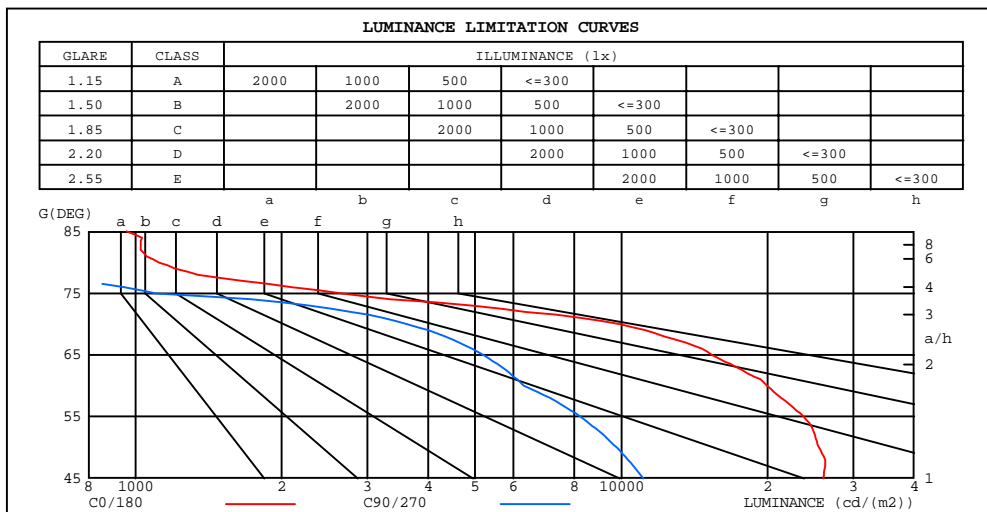
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:29DEG
 Operators:DANU VADIM
 Test Date:2021-04-08

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	2655	2545	2490	2526	2633	2667	2679	2673	0- 5	62.53	62.53	0.94,0.94
10	2692	2463	2346	2424	2651	2722	2723	2713	5- 10	185.7	248.3	3.73,3.72
15	2728	2382	2202	2320	2674	2794	2767	2760	10- 15	306.1	554.3	8.32,8.3
20	2758	2294	2029	2206	2695	2874	2640	2815	15- 20	420.5	974.8	14.6,14.6
25	2783	2172	1856	2061	2701	2841	2514	2754	20- 25	522.1	1497	22.5,22.4
30	2788	2029	1684	1897	2688	2784	2387	2664	25- 30	609.5	2106	31.6,31.5
35	2774	1872	1489	1719	2640	2726	2052	2569	30- 35	676.7	2783	41.8,41.7
40	2712	1699	1293	1528	2532	2623	1716	2437	35- 40	713.4	3497	52.5,52.3
45	2577	1490	1098	1325	2348	2292	1380	2115	40- 45	716.5	4213	63.3,63.1
50	2293	1261	879.2	1106	1956	1923	1105	1753	45- 50	679.4	4892	73.5,73.2
55	1901	1012	660.1	870.9	1545	1522	830.4	1358	50- 55	597.1	5490	82.4,82.2
60	1397	736.3	441.0	619.0	1043	1098	555.4	1039	55- 60	477.9	5968	89.6,89.3
65	909.6	470.2	307.3	352.1	550.1	689.1	394.4	697.4	60- 65	340.5	6308	94.7,94.4
70	476.8	261.3	173.6	173.7	178.5	371.9	233.4	428.1	65- 70	211.3	6519	97.9,97.6
75	96.31	127.6	39.92	79.73	23.44	195.0	72.35	251.6	70- 75	103.1	6622	99.4,99.1
80	27.22	15.83	0	4.425	6.185	39.23	0	81.72	75- 80	32.34	6655	99.9,99.6
85	11.68	0	0	0	2.083	0	0	0	80- 85	4.953	6660	100,99.7
90	1.030	0	0	0	1.716	0	0	0	85- 90	0.4737	6660	100,99.7
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	957	0
80	1120	0
75	2658	1102
70	9957	3625
65	15374	5193
60	19963	6299
55	23668	8220
50	25480	9770
45	26028	11094

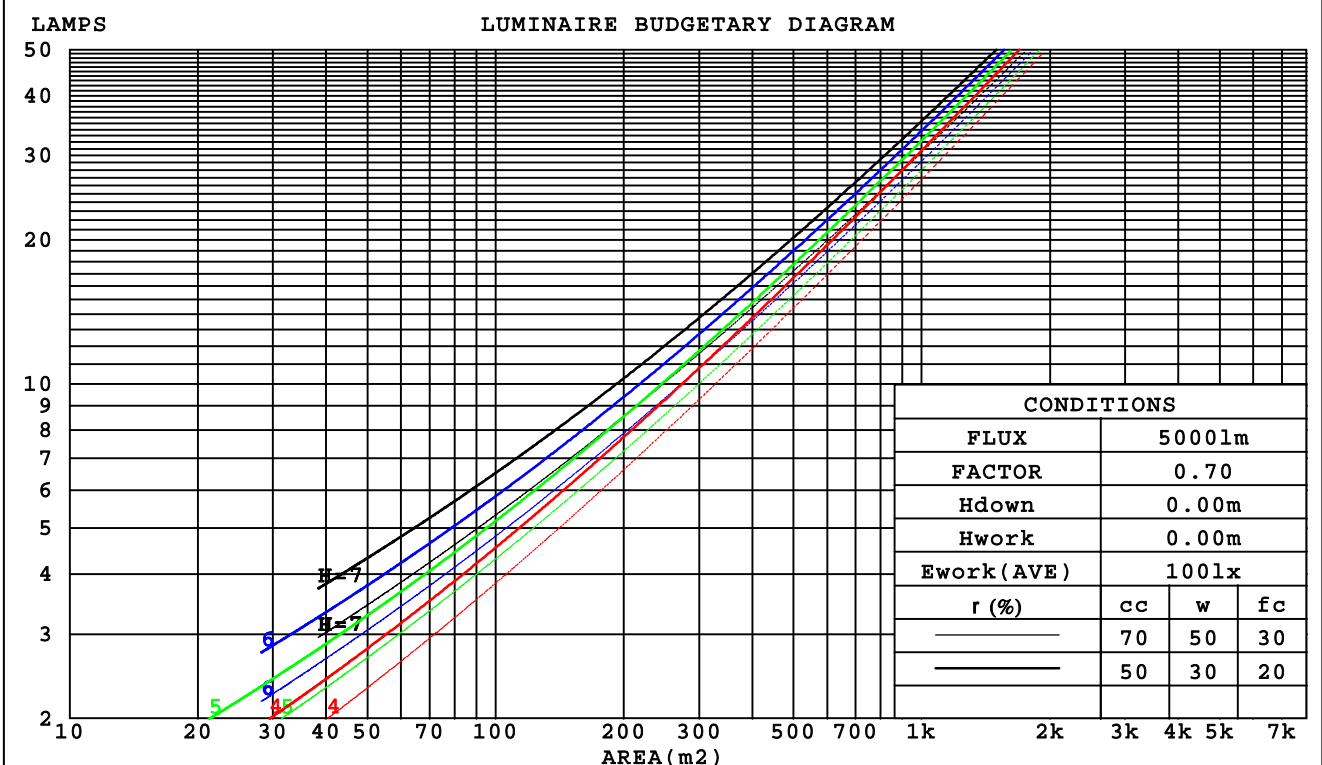
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:29DEG
 Operators:DANU VADIM
 Test Date:2021-04-08

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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
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	1.19	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	1.06	1.03	.00	1.04	1.01	.98	.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.94	.88	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.82	.76	.70	.79	.74	.69	.77	.72	.68	.74	.70	.67	.65
4.0	.75	.67	.61	.74	.66	.60	.71	.65	.60	.69	.63	.59	.67	.62	.58	.56
5.0	.67	.59	.53	.66	.58	.53	.64	.57	.52	.62	.56	.51	.60	.55	.51	.49
6.0	.61	.52	.46	.60	.52	.46	.58	.51	.46	.56	.50	.45	.55	.49	.45	.43
7.0	.55	.47	.41	.54	.47	.41	.53	.46	.41	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.45	.38	.33	.43	.37	.33	.43	.37	.33	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.30	.28



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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
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	.255	.145	.046	.248	.141	.045	.235	.135	.043	.223	.129	.041	.212	.123	.040	
2.0	.250	.137	.042	.244	.135	.041	.233	.130	.040	.223	.125	.039	.213	.120	.038	
3.0	.239	.127	.038	.233	.125	.038	.223	.121	.037	.214	.117	.036	.206	.114	.035	
4.0	.225	.117	.034	.220	.115	.034	.212	.112	.033	.203	.109	.033	.196	.106	.032	
5.0	.211	.108	.031	.207	.106	.031	.199	.104	.031	.192	.101	.030	.185	.099	.030	
6.0	.199	.100	.029	.195	.098	.028	.188	.096	.028	.181	.094	.028	.175	.092	.027	
7.0	.187	.092	.026	.183	.091	.026	.177	.090	.026	.171	.088	.026	.166	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.084	.024	.162	.082	.024	.157	.081	.023	
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.153	.077	.022	.149	.076	.022	
10.0	.157	.075	.021	.154	.075	.021	.150	.073	.021	.146	.072	.021	.141	.071	.020	

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	.190	.190	.190	.162	.162	.162	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.156	.138	.151	.134	.119	.103	.092	.082	.059	.053	.048	.019	.017	.015	
2.0	.166	.132	.103	.142	.113	.089	.098	.078	.062	.056	.046	.036	.018	.015	.012	
3.0	.158	.114	.078	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.151	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.123	.077	.043	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.112	.064	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.125	.068	.030	.107	.059	.026	.074	.042	.018	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.103	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.114	.059	.023	.098	.052	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
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	23.6	25.0	23.8	25.2	25.4	19.0	20.4	19.3	20.6	20.8
3H	24.3	25.6	24.6	25.8	26.1	19.4	20.7	19.7	20.9	21.2
4H	24.3	25.5	24.6	25.8	26.0	19.4	20.6	19.7	20.9	21.1
6H	24.2	25.4	24.6	25.6	25.9	19.3	20.4	19.6	20.7	21.0
8H	24.2	25.3	24.5	25.6	25.8	19.2	20.3	19.6	20.6	20.9
12H	24.1	25.2	24.5	25.5	25.8	19.2	20.3	19.5	20.5	20.8
4H 2H	23.6	24.8	23.9	25.0	25.3	19.8	21.0	20.1	21.2	21.5
3H	24.4	25.4	24.7	25.7	26.0	20.2	21.3	20.6	21.6	21.8
4H	24.4	25.4	24.8	25.7	26.0	20.2	21.2	20.6	21.5	21.8
6H	24.4	25.2	24.8	25.5	25.9	20.1	21.0	20.5	21.3	21.7
8H	24.3	25.1	24.7	25.5	25.8	20.1	20.8	20.5	21.2	21.6
12H	24.3	25.0	24.7	25.4	25.8	20.0	20.7	20.5	21.1	21.5
8H 4H	24.3	25.1	24.8	25.5	25.9	20.3	21.0	20.7	21.4	21.8
6H	24.3	24.9	24.7	25.3	25.7	20.2	20.8	20.6	21.2	21.6
8H	24.3	24.8	24.7	25.2	25.7	20.1	20.7	20.6	21.1	21.6
12H	24.2	24.7	24.7	25.1	25.6	20.1	20.6	20.6	21.0	21.5
12H 4H	24.3	25.0	24.7	25.4	25.8	20.2	20.9	20.6	21.3	21.7
6H	24.3	24.8	24.7	25.2	25.7	20.1	20.7	20.6	21.1	21.6
8H	24.2	24.7	24.7	25.1	25.6	20.1	20.6	20.6	21.0	21.5

Variations with the observer position at spacings:		
S = 1.0H	+ 0.2 / - 0.2	+ 0.7 / - 0.9
1.5H	+ 1.0 / - 1.1	+ 0.5 / - 0.6
2.0H	+ 1.9 / - 2.3	+ 1.0 / - 2.2

CIE Pub.117 Corrected 6682 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.6)

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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

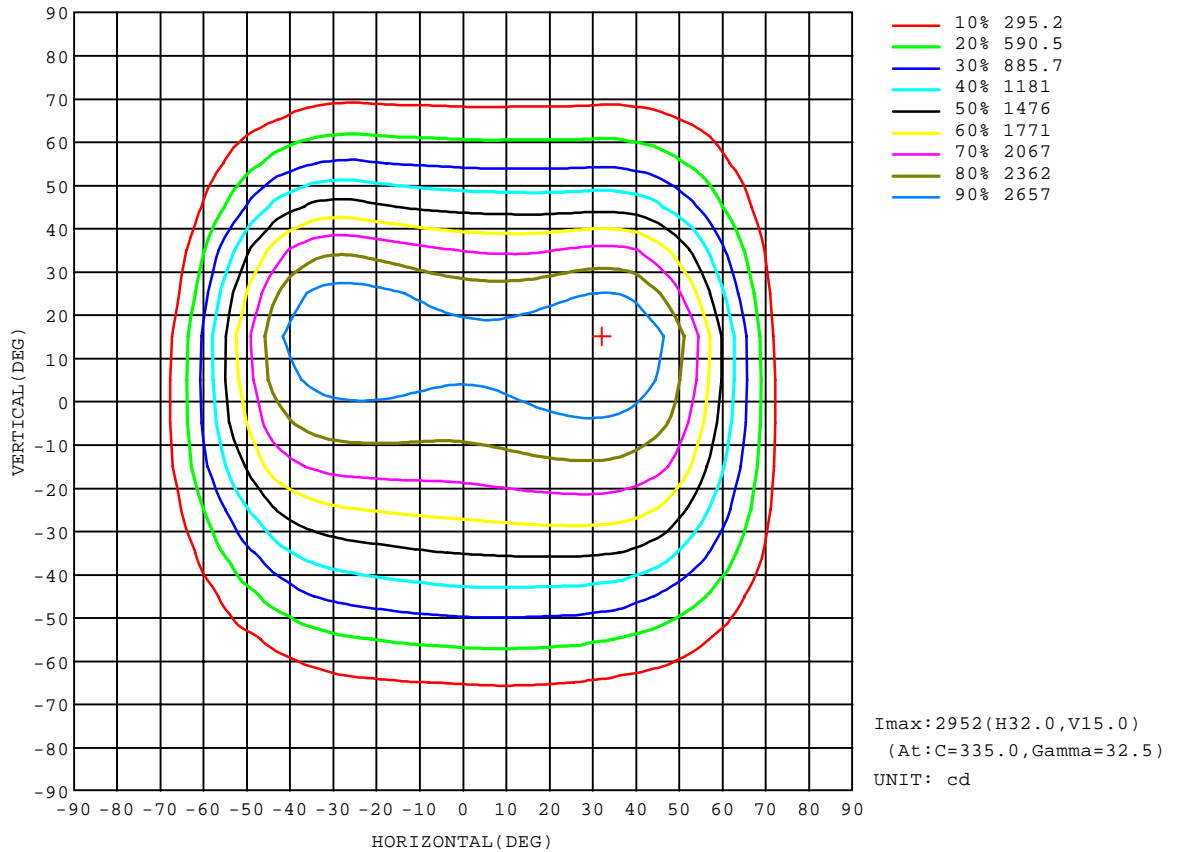
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	61	50	44	60	50	44	59	50	43	37
0.80	72	61	54	71	61	54	69	60	54	48
1.00	81	71	64	80	70	64	77	71	63	57
1.25	88	79	72	86	78	72	84	77	71	65
1.50	93	84	78	91	83	78	88	81	76	70
2.00	99	92	86	97	90	85	94	88	84	77
2.50	102	96	91	100	94	90	97	92	88	80
3.00	105	99	95	103	98	94	99	95	92	84
4.00	108	104	100	106	102	98	102	99	96	87
5.00	110	106	103	108	104	101	104	101	98	90
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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

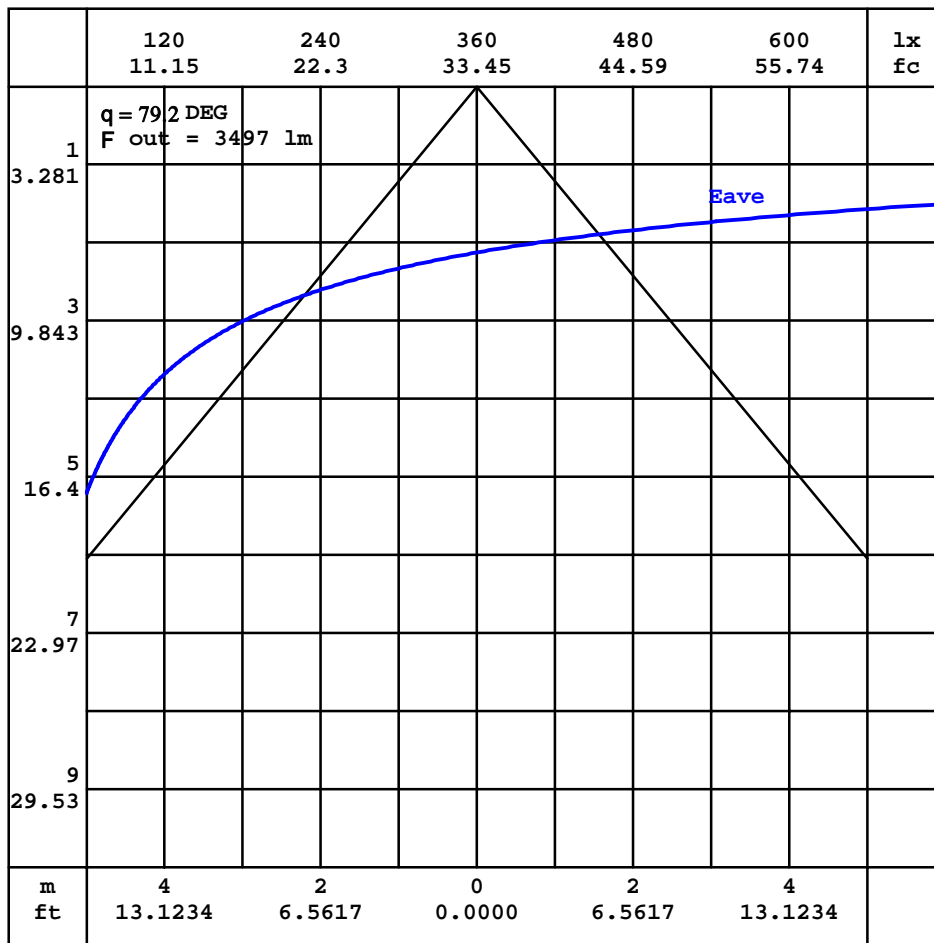


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 29DEG
 Operators: DANU VADIM
 Test Date: 2021-04-08

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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



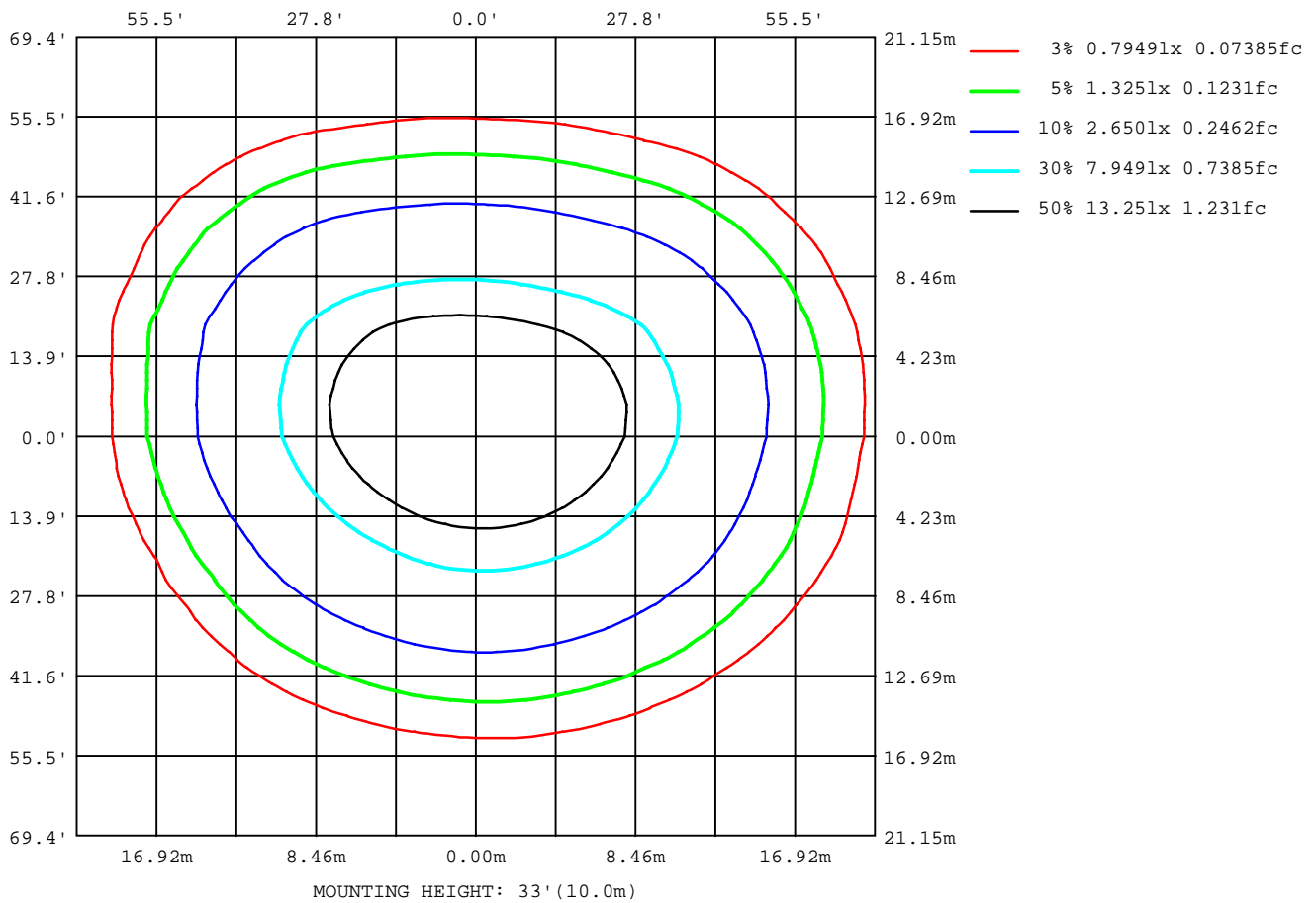
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

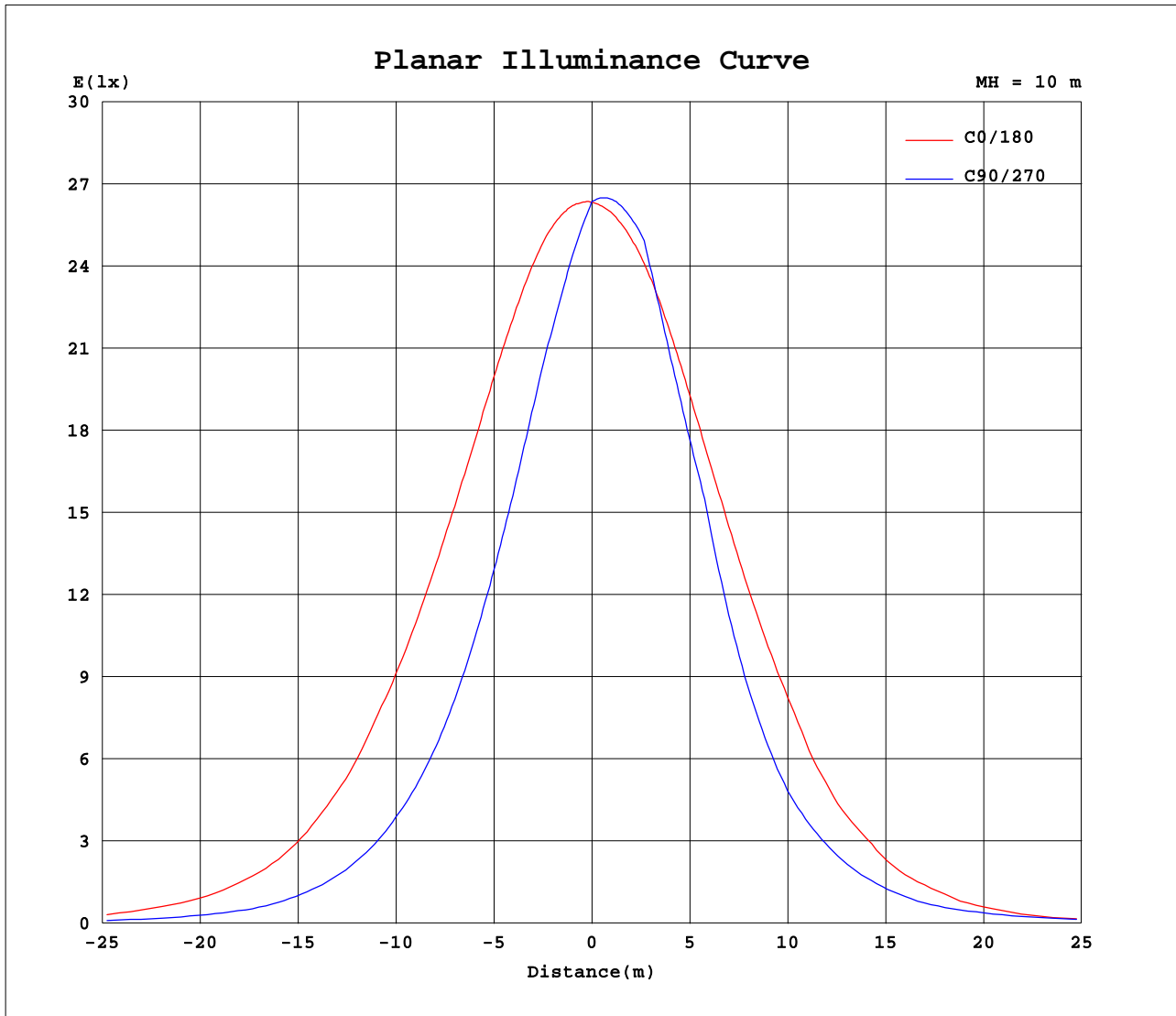
Test:U:221.8V I:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
DIM.:	SPEC.:4000K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
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	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635
5	2655	2642	2630	2617	2604	2592	2579	2567	2556	2545	2535	2526	2518	2511	2505	2499	2495	2492	2490
10	2692	2666	2639	2612	2586	2560	2534	2510	2486	2463	2443	2424	2406	2390	2377	2366	2357	2350	2346
15	2728	2688	2647	2607	2567	2527	2488	2451	2416	2382	2350	2321	2294	2271	2251	2233	2219	2208	2202
20	2758	2703	2648	2593	2539	2486	2435	2385	2339	2294	2248	2203	2163	2127	2097	2072	2052	2038	2029
25	2783	2711	2639	2568	2499	2432	2368	2308	2237	2172	2112	2058	2010	1969	1935	1906	1882	1866	1856
30	2788	2699	2612	2526	2442	2363	2278	2188	2105	2029	1962	1901	1849	1804	1767	1736	1711	1694	1684
35	2774	2664	2559	2458	2364	2261	2153	2050	1957	1872	1798	1732	1672	1621	1578	1544	1518	1499	1489
40	2712	2583	2462	2349	2238	2115	2001	1893	1793	1699	1611	1535	1471	1419	1378	1345	1320	1304	1293
45	2577	2437	2311	2194	2057	1933	1818	1710	1594	1490	1405	1328	1263	1211	1171	1143	1120	1107	1098
50	2293	2163	2058	1944	1825	1701	1589	1465	1362	1261	1172	1110	1046	995	955	927	904	889	879
55	1901	1762	1676	1571	1477	1385	1289	1178	1076	1012	932	872	819	770	734	707	686	671	660
60	1397	1299	1247	1171	1115	1024	943	860	799	736	683	622	584	540	511	485	469	452	441
65	910	860	832	826	755	698	629	576	527	470	411	381	375	357	346	333	325	315	307
70	477	464	481	467	427	395	361	308	270	261	245	241	227	217	206	195	188	179	174
75	96.3	113	154	167	174	145	137	142	139	128	114	102	87.5	77.2	66.3	56.7	50.2	43.6	39.9
80	27.2	26.0	27.2	34.1	30.7	41.3	47.7	38.0	21.0	15.8	14.5	12.6	10.2	7.87	5.26	2.98	1.34	0.32	0.00
85	11.7	7.57	9.44	10.5	8.63	3.74	0.00	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	1.03	0.00	0.00	0.00	0.00	0.00	0.00	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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
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	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635
5	2489	2489	2491	2495	2499	2504	2511	2518	2526	2535	2546	2557	2569	2581	2594	2607	2620	2633	2638
10	2343	2345	2348	2354	2363	2375	2389	2405	2424	2445	2467	2491	2516	2542	2569	2596	2624	2651	2662
15	2198	2199	2204	2213	2227	2245	2267	2292	2320	2351	2385	2421	2460	2501	2543	2587	2630	2674	2693
20	2025	2028	2036	2051	2072	2097	2129	2166	2206	2247	2292	2342	2395	2451	2510	2570	2632	2695	2723
25	1853	1855	1865	1881	1903	1932	1968	2011	2061	2118	2181	2243	2310	2382	2458	2538	2619	2701	2739
30	1680	1682	1690	1704	1726	1756	1793	1841	1897	1963	2039	2124	2211	2298	2389	2485	2585	2688	2734
35	1485	1487	1496	1512	1536	1566	1607	1657	1719	1794	1880	1974	2078	2184	2288	2399	2517	2640	2695
40	1289	1290	1297	1314	1337	1369	1411	1464	1528	1604	1691	1790	1901	2024	2141	2261	2391	2532	2594
45	1093	1091	1098	1115	1136	1167	1210	1263	1325	1393	1470	1570	1682	1807	1945	2062	2194	2348	2415
50	874	875	885	903	926	959	1001	1049	1106	1167	1236	1309	1398	1496	1594	1700	1810	1956	2005
55	655	657	670	685	707	741	779	822	871	917	959	999	1038	1136	1228	1341	1417	1545	1570
60	435	441	454	466	488	518	552	580	619	637	674	692	755	765	840	916	966	1043	1063
65	302	303	308	309	316	323	321	331	352	387	399	435	438	449	460	504	518	550	560
70	171	173	177	180	186	195	192	187	174	156	173	195	188	188	197	192	199	178	163
75	39.2	41.7	45.9	50.4	57.5	67.1	72.9	76.6	79.7	71.3	61.7	39.7	41.0	44.9	20.5	19.0	18.9	23.4	23.2
80	0.28	1.08	2.28	3.47	4.56	5.41	5.68	5.38	4.43	5.79	12.7	10.9	4.91	3.49	4.18	4.01	4.69	6.19	8.23
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	0.93	2.27	2.73	2.49	2.32	2.08	5.31
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	1.72	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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
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	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635
5	2642	2647	2651	2654	2658	2661	2664	2667	2669	2671	2673	2675	2676	2677	2678	2678	2679	2679	2679
10	2673	2683	2692	2701	2708	2713	2718	2722	2725	2727	2729	2728	2727	2726	2725	2724	2723	2721	2720
15	2711	2728	2744	2758	2770	2780	2788	2794	2798	2798	2796	2793	2790	2783	2777	2772	2767	2762	2758
20	2751	2776	2800	2822	2841	2855	2867	2874	2858	2820	2784	2750	2718	2692	2668	2651	2640	2636	2635
25	2777	2814	2849	2881	2908	2932	2887	2841	2795	2749	2704	2660	2620	2583	2553	2529	2514	2506	2504
30	2781	2828	2873	2919	2924	2882	2836	2784	2731	2679	2627	2573	2523	2477	2438	2407	2387	2376	2370
35	2755	2817	2880	2890	2854	2815	2773	2726	2669	2608	2486	2370	2267	2184	2120	2076	2052	2045	2054
40	2667	2748	2804	2779	2757	2732	2702	2623	2458	2302	2160	2038	1930	1845	1782	1740	1716	1710	1724
45	2505	2612	2597	2593	2600	2608	2454	2292	2133	1973	1822	1695	1587	1500	1439	1402	1380	1376	1394
50	2107	2179	2232	2270	2321	2192	2063	1923	1779	1631	1484	1368	1276	1205	1156	1124	1105	1102	1117
55	1690	1711	1785	1823	1775	1713	1609	1522	1408	1293	1173	1063	979	918	877	848	830	829	845
60	1143	1191	1273	1256	1243	1210	1167	1098	1029	931	842	746	673	625	596	571	555	557	574
65	600	652	716	733	744	765	755	689	623	564	540	501	461	435	420	405	394	394	404
70	181	244	277	341	381	380	356	372	386	378	354	323	290	266	252	241	233	234	242
75	29.6	44.4	74.7	97.1	130	166	183	195	199	189	169	142	117	96.9	83.2	76.8	72.4	73.3	79.9
80	11.2	14.9	17.5	26.4	41.8	46.9	36.4	39.2	43.5	38.8	29.5	18.8	11.0	5.57	2.29	0.56	0.00	0.54	2.20
85	6.89	8.19	8.24	4.12	0.00	0.00	0.00	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:0.2300A P:48.80W PF:0.9560 Lamp Flux:6681.65x1 lm		
NAME: Street Spectra SMD 3030 50W IP66	TYPE:50w	WEIGHT:2.5
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	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635	2635				
5	2678	2678	2677	2676	2675	2674	2673	2671	2670	2669	2667	2665	2663	2661	2658				
10	2718	2716	2715	2714	2713	2713	2713	2713	2712	2711	2709	2707	2704	2701	2696				
15	2754	2751	2751	2753	2755	2758	2760	2763	2763	2762	2759	2756	2751	2744	2736				
20	2642	2656	2679	2709	2746	2789	2815	2819	2821	2820	2817	2810	2799	2787	2773				
25	2511	2529	2556	2593	2638	2693	2754	2822	2888	2884	2875	2862	2846	2827	2806				
30	2377	2396	2424	2468	2523	2591	2664	2741	2823	2903	2930	2909	2882	2852	2820				
35	2084	2131	2199	2291	2405	2483	2569	2656	2742	2824	2909	2935	2897	2856	2814				
40	1756	1805	1878	1978	2107	2261	2437	2555	2640	2725	2809	2897	2878	2818	2761				
45	1425	1474	1546	1648	1779	1935	2115	2310	2510	2580	2644	2703	2776	2695	2627				
50	1143	1181	1238	1315	1424	1579	1753	1939	2136	2288	2349	2408	2493	2469	2363				
55	874	913	967	1040	1135	1246	1358	1528	1680	1819	1955	1989	2036	2084	1958				
60	605	640	689	755	846	946	1039	1142	1212	1323	1423	1480	1482	1508	1436				
65	422	441	467	502	555	626	697	783	837	884	926	961	981	969	937				
70	256	273	298	331	377	406	428	443	494	534	534	531	533	505	476				
75	90.1	105	127	157	195	226	252	263	264	252	238	236	191	145	104				
80	5.10	9.55	16.5	27.0	42.9	63.8	81.7	89.6	97.2	99.2	90.2	67.4	51.1	39.9	32.3				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.53	18.9	20.6	19.5	16.6			
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: