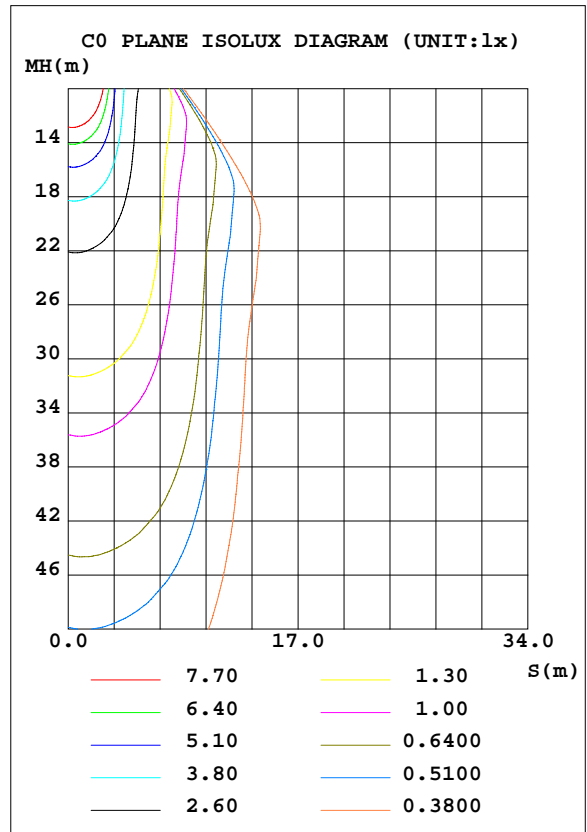
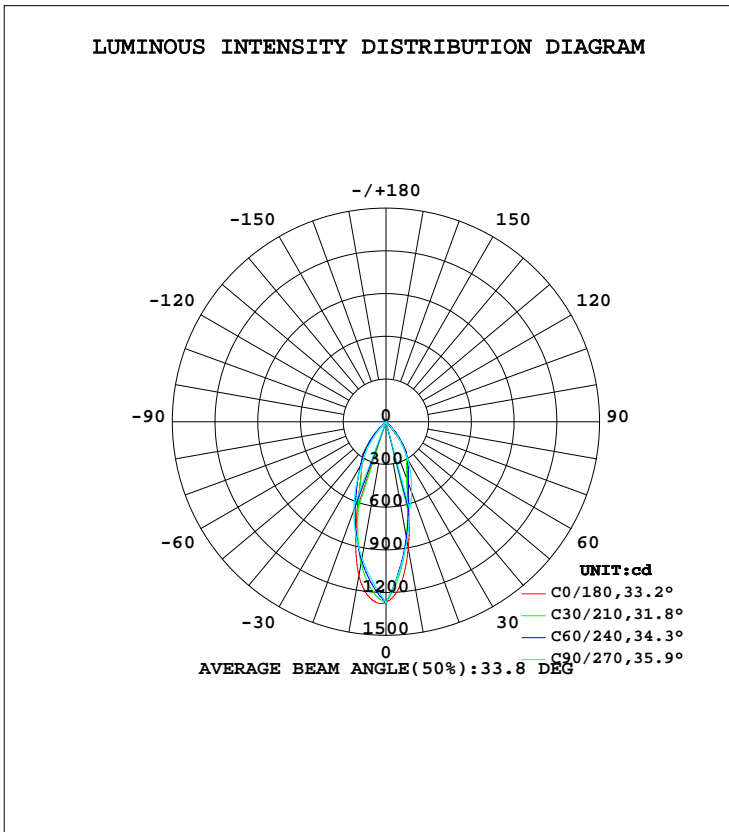


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.87 lm/W			
Model	Regina Square-8W-35D-3000K-80	I _{max} (cd)	1277	S/MH(C0/180)	0.60
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.64
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	679.83	η UP, DN(C0-180)	0.0, 52.7
NOMINAL FLUX(lm)	679.834	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 47.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220.0	η down(%)	100.0	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [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	1246	1160	1120	1101	1155	1061	1059	1118	0- 5	28.12	28.12	4.14,4.14
10	1098	993.9	971.7	886.3	902.3	820.7	849.2	920.2	5- 10	72.53	100.7	14.8,14.8
15	822.3	786.2	823.1	666.1	627.4	595.1	639.4	700.8	10- 15	95.21	195.9	28.8,28.8
20	569.9	585.0	659.1	494.6	440.4	434.3	526.7	504.9	15- 20	99.24	295.1	43.4,43.4
25	414.0	441.7	495.1	382.6	349.7	349.1	414.1	395.9	20- 25	96.12	391.2	57.5,57.5
30	339.3	347.4	331.1	312.2	293.4	278.7	301.5	319.9	25- 30	90.72	482.0	70.9,70.9
35	285.1	283.2	223.8	254.2	237.3	198.1	203.8	249.9	30- 35	82.43	564.4	83,83
40	108.7	217.0	116.5	177.0	22.92	100.8	106.1	164.1	35- 40	62.95	627.3	92.3,92.3
45	8.272	119.3	9.135	86.79	8.580	39.23	8.489	80.60	40- 45	28.98	656.3	96.5,96.5
50	7.914	45.70	8.135	29.02	8.250	12.72	7.641	28.14	45- 50	8.598	664.9	97.8,97.8
55	7.103	7.712	7.134	8.157	7.613	8.022	6.792	7.841	50- 55	3.842	668.8	98.4,98.4
60	5.764	6.400	6.134	6.827	6.290	6.556	5.944	6.426	55- 60	3.191	671.9	98.8,98.8
65	4.369	5.022	4.750	5.455	4.968	5.111	4.684	5.031	60- 65	2.741	674.7	99.2,99.2
70	2.577	3.795	3.365	4.196	2.418	3.848	3.424	3.850	65- 70	2.141	676.8	99.6,99.6
75	2.010	2.824	1.981	3.080	2.187	2.927	2.164	2.914	70- 75	1.532	678.4	99.8,99.8
80	1.661	1.632	0	1.737	1.862	1.809	0	1.735	75- 80	1.018	679.4	99.9,99.9
85	1.199	0	0	0	1.217	0	0	0	80- 85	0.3993	679.8	100,100
90	0	0	0	0	0	0	0	0	85- 90	0.0551	679.8	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			

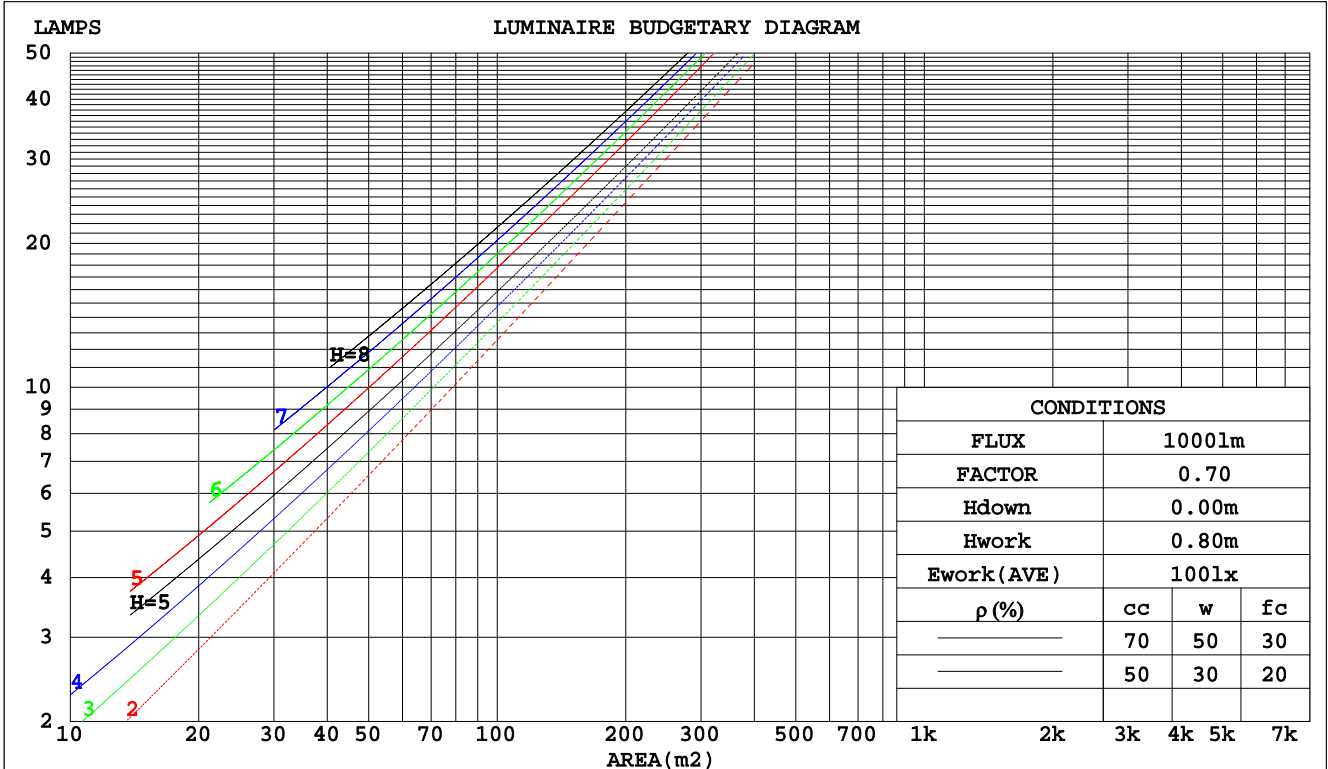
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION 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	1.00
1.0	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.98	.98	.97	.96	.95	.94
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.82	.79	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.73	.79	.76	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.69	.65	.74	.69	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.60	.57	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.57	.54	.53



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity: 65.0%
 Test Distance: 6.960m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.176	.100	.032	.170	.097	.031	.157	.090	.029	.145	.084	.027	.135	.078	.025	
2.0	.168	.092	.028	.163	.090	.028	.152	.085	.026	.142	.080	.025	.133	.075	.024	
3.0	.160	.085	.026	.155	.083	.025	.146	.079	.024	.138	.076	.023	.130	.072	.022	
4.0	.152	.079	.023	.148	.077	.023	.140	.074	.022	.133	.071	.022	.126	.069	.021	
5.0	.145	.074	.021	.141	.072	.021	.134	.070	.021	.128	.068	.020	.122	.065	.020	
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018	
7.0	.132	.065	.018	.129	.064	.018	.124	.062	.018	.119	.061	.018	.114	.059	.017	
8.0	.126	.061	.017	.123	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.016	
9.0	.120	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.110	.054	.015	.106	.053	.015	.103	.052	.015	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.078	.060	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.027	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DOBAC
 Test Date:2017-11-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity:65.0%
 Test Distance:6.960m [K=1.0000]
 Remarks:

Uncorrected UGR Table

NAME: Regina Square-8W-35D-3000K-80					TYPE:					WEIGHT:				
DIM.:					SPEC.:					SERIAL No.:				
MFR.: DOBAC					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	18.1	19.0	18.3	19.2	19.3	18.5	19.4	18.7	19.6	19.7				
3H	17.9	18.8	18.2	19.0	19.2	18.4	19.2	18.6	19.4	19.6				
4H	17.9	18.7	18.2	18.9	19.1	18.3	19.1	18.6	19.3	19.6				
6H	17.8	18.6	18.1	18.8	19.1	18.2	19.0	18.5	19.2	19.5				
8H	17.8	18.5	18.1	18.8	19.0	18.2	18.9	18.5	19.2	19.4				
12H	17.8	18.5	18.1	18.7	19.0	18.1	18.8	18.4	19.1	19.4				
4H 2H	17.8	18.7	18.1	18.9	19.1	18.3	19.1	18.5	19.3	19.5				
3H	17.7	18.4	18.1	18.7	19.0	18.2	18.9	18.5	19.1	19.4				
4H	17.7	18.3	18.0	18.6	18.9	18.1	18.7	18.4	19.0	19.3				
6H	17.6	18.2	18.0	18.5	18.9	18.0	18.6	18.4	18.9	19.3				
8H	17.6	18.1	18.0	18.5	18.9	18.0	18.5	18.4	18.8	19.2				
12H	17.6	18.1	18.0	18.5	18.9	17.9	18.4	18.3	18.8	19.1				
8H 4H	17.6	18.1	18.0	18.4	18.8	18.0	18.5	18.4	18.9	19.2				
6H	17.6	18.0	18.0	18.4	18.8	17.9	18.3	18.3	18.7	19.1				
8H	17.6	17.9	18.0	18.4	18.8	17.8	18.2	18.3	18.6	19.1				
12H	17.6	17.9	18.1	18.4	18.8	17.8	18.1	18.3	18.6	19.0				
12H 4H	17.5	18.0	17.9	18.4	18.8	17.9	18.4	18.4	18.8	19.2				
6H	17.5	17.9	18.0	18.3	18.7	17.9	18.2	18.3	18.6	19.1				
8H	17.5	17.8	18.0	18.3	18.8	17.8	18.1	18.3	18.6	19.0				
Variations with the observer position at spacings:														
S = 1.0H	+ 2.6 / - 9.3					+ 2.9 / - 9.3								
1.5H	+ 5.2 / - 9.4					+ 4.3 / - 9.2								
2.0H	+ 0.4 / - 0.7					+ 1.5 / - 0.9								

CIE Pub.117 Corrected 679.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.3)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DOBAC
Test Date: 2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity: 65.0%
Test Distance: 6.960m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

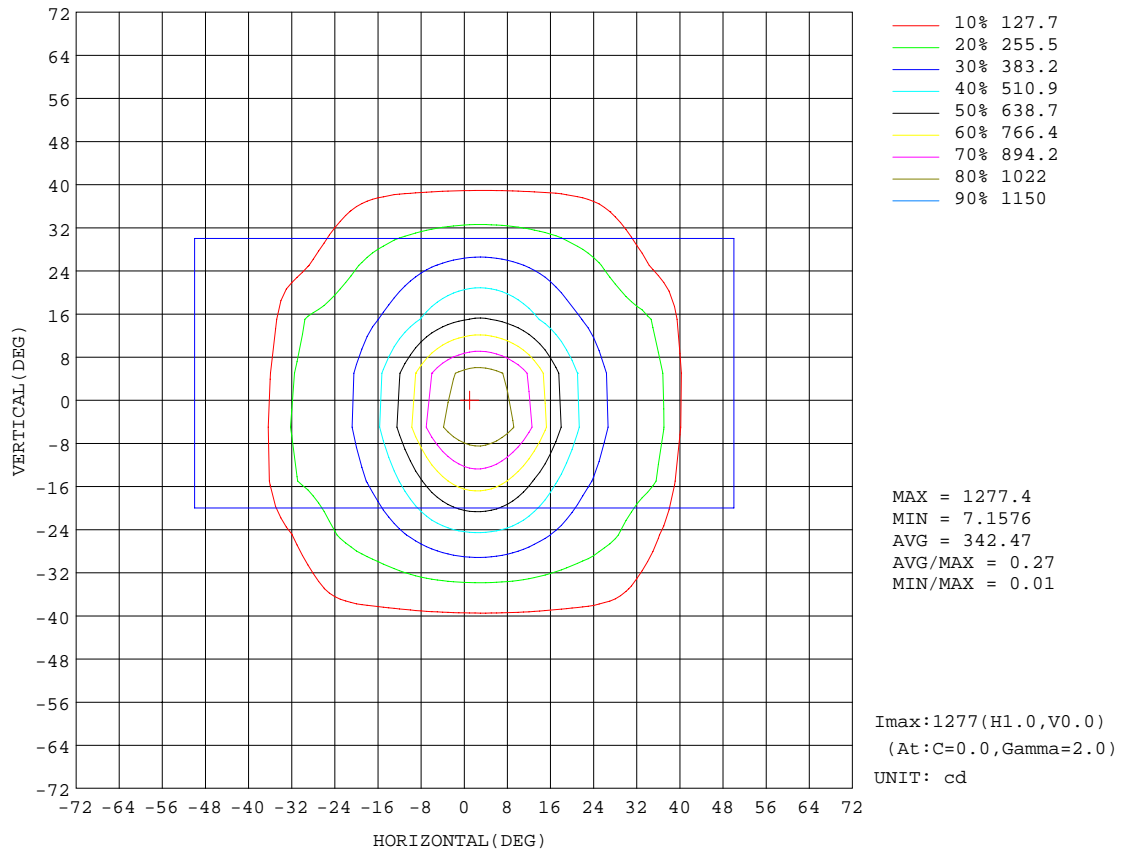
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	80	76	86	80	76	85	80	76	73
0.80	94	88	85	94	88	84	92	87	84	80
1.00	99	93	89	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	99
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:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

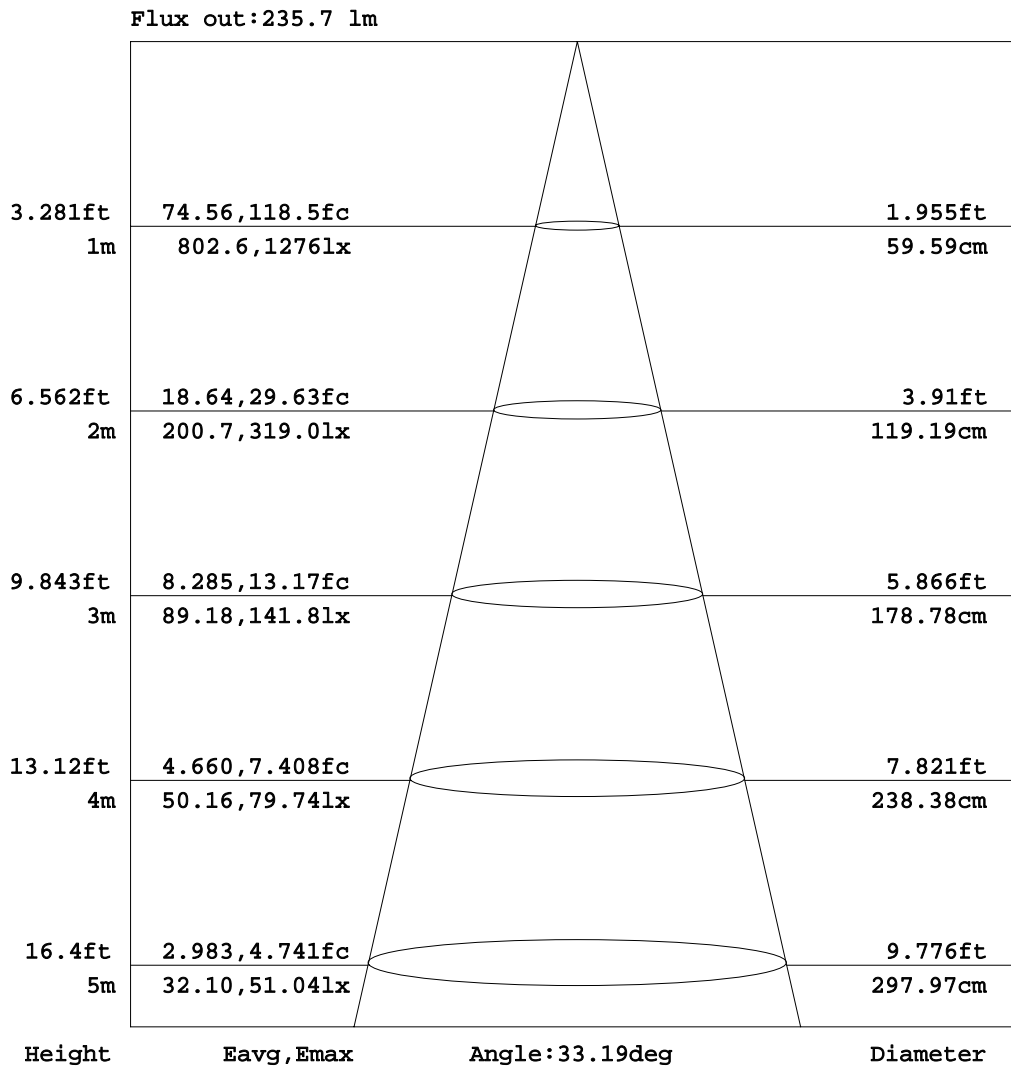


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity: 65.0%
 Test Distance: 6.960m [K=1.0000]
 Remarks:

AAI Figure

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:



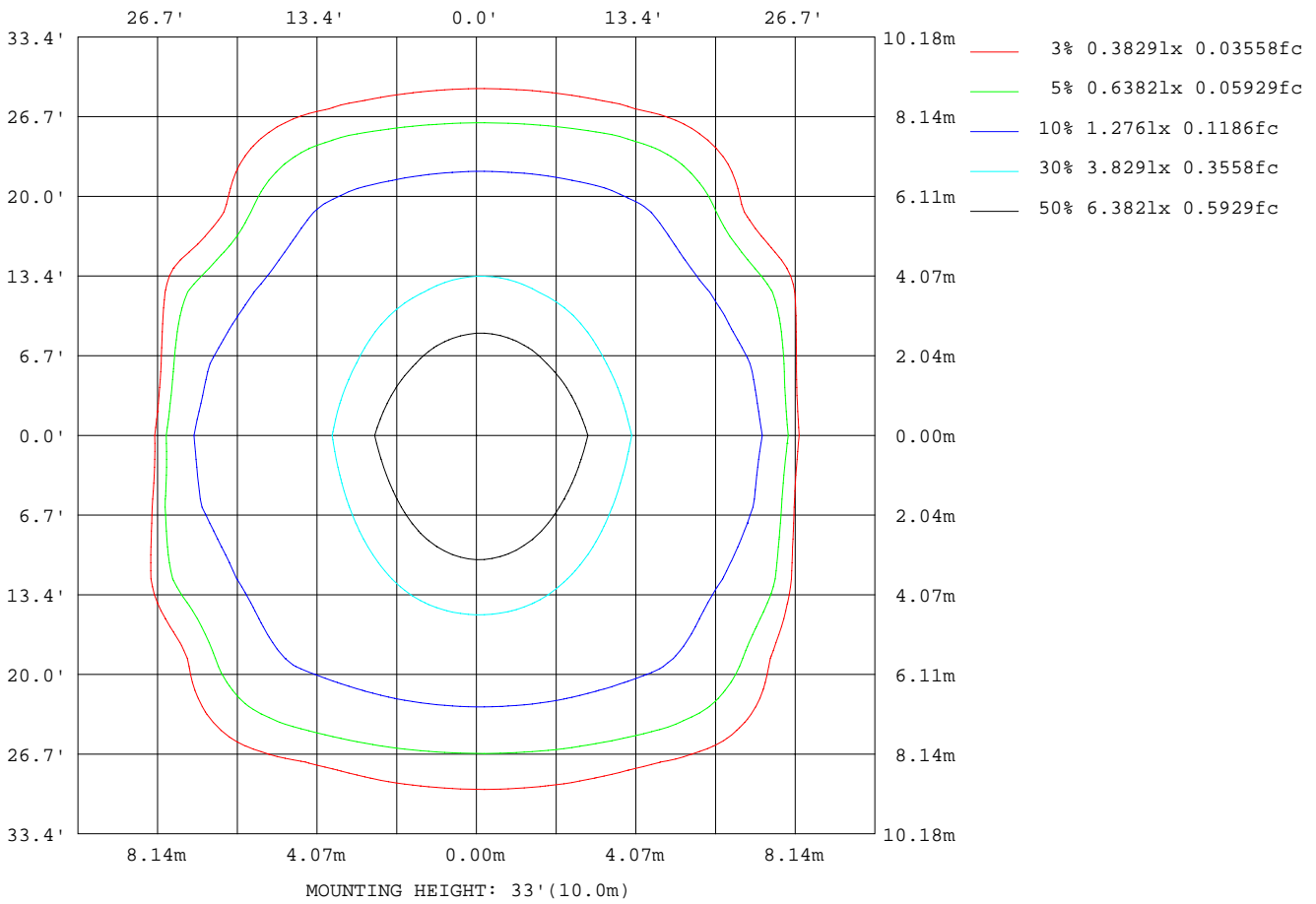
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity: 65.0%
 Test Distance: 6.960m [K=1.0000]
 Remarks:

Average Luminance Table(CIBSE)

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	679.834	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.0055	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	2252	2248	2292	2311	2532	2388	2561	2469	2344	2262	2264	2259	2370	2516	2603	2462	2480	2465	2413
60	2096	2094	2193	2218	2362	2280	2345	2304	2254	2231	2282	2332	2392	2449	2496	2448	2426	2357	2287
65	1880	1881	1977	2058	2164	2133	2153	2140	2089	2043	2119	2248	2350	2340	2356	2335	2332	2235	2137
70	1370	1424	1678	1773	1996	2024	2014	1953	1863	1789	1878	2036	2173	2218	2214	1948	1609	1399	1285
75	1412	1441	1508	1570	1995	1948	1835	1678	1514	1392	1504	1712	1933	2098	2168	1687	1658	1618	1537
80	1739	1779	1919	1991	2096	1298	683	285	66	0	66	289	708	1370	2259	2193	2141	2078	1950
85	2501	2501	2511	0	0	0	0	0	0	0	0	0	0	0	0	0	2923	2827	2540

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum	specified	maximum	specified
		calculated	maximum	measured	maximum
Category 1	55 to 90	2923	200	---	500
Category 2	65 to 90	2923	200	---	500
Category 3	75 to 90	2923	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	679.834	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.0055	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	2252	2248	2292	2311	2532	2388	2561	2469	2344	2262	2264	2259	2370	2516	2603	2462	2480	2465	2413
60	2096	2094	2193	2218	2362	2280	2345	2304	2254	2231	2282	2332	2392	2449	2496	2448	2426	2357	2287
65	1880	1881	1977	2058	2164	2133	2153	2140	2089	2043	2119	2248	2350	2340	2356	2335	2332	2235	2137
70	1370	1424	1678	1773	1996	2024	2014	1953	1863	1789	1878	2036	2173	2218	2214	1948	1609	1399	1285
75	1412	1441	1508	1570	1995	1948	1835	1678	1514	1392	1504	1712	1933	2098	2168	1687	1658	1618	1537
80	1739	1779	1919	1991	2096	1298	683	285	66	0	66	289	708	1370	2259	2193	2141	2078	1950
85	2501	2501	2511	0	0	0	0	0	0	0	0	0	0	0	0	0	2923	2827	2540

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	2923	1000	1500	200	500
65 to 90	2923	1000	1500	200	500

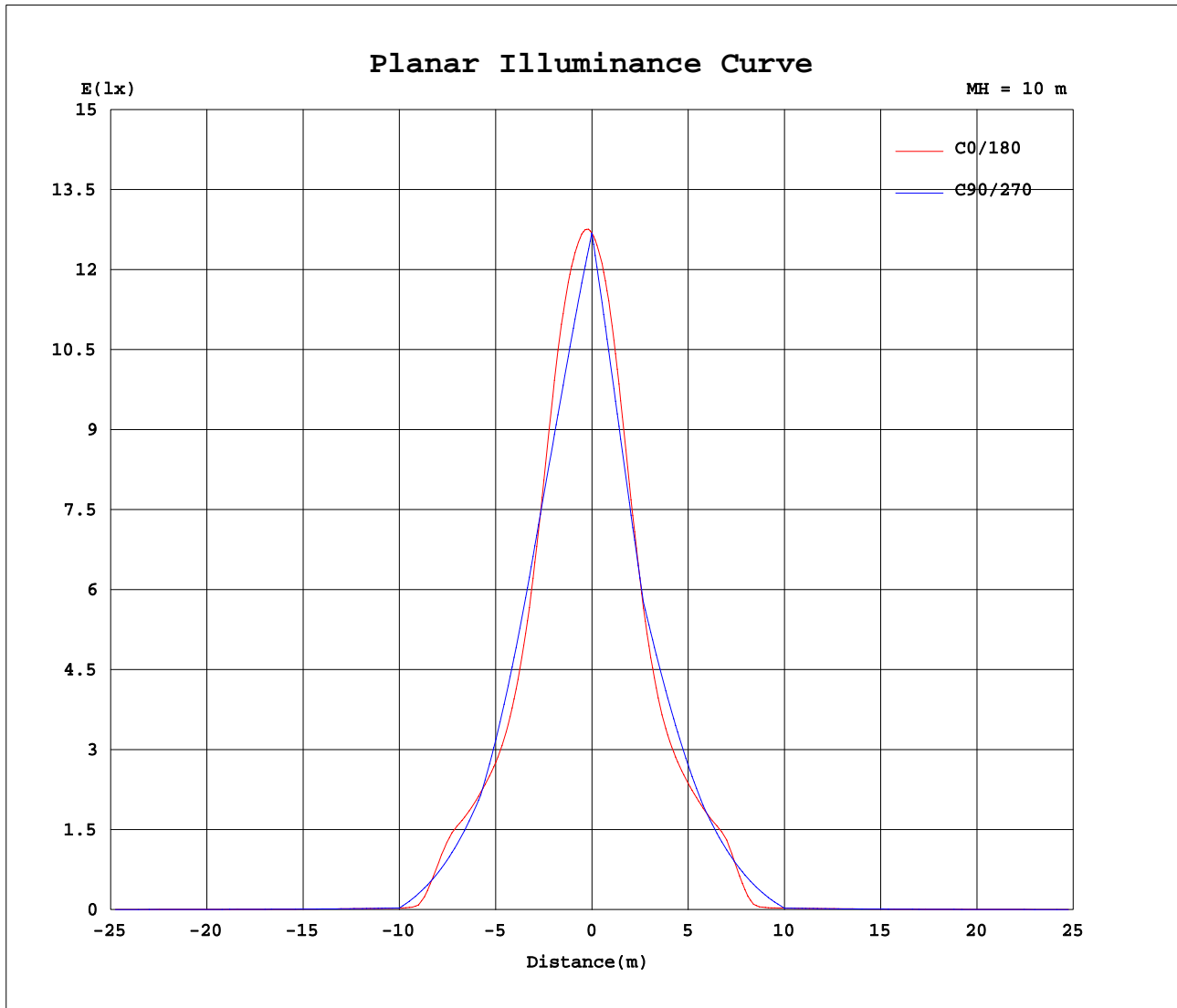
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

No match

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.260
 Humidity: 65.0%
 Test Distance: 6.960m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269
5	1246	1233	1221	1210	1199	1190	1181	1174	1166	1160	1155	1150	1144	1140	1136	1132	1128	1124	1120
10	1098	1075	1056	1040	1027	1017	1008	1000	996	994	991	989	988	987	985	984	981	977	972
15	822	801	786	776	770	768	770	774	779	786	794	802	810	818	825	829	830	828	823
20	570	556	547	543	543	546	553	562	573	585	599	615	631	645	656	663	665	664	659
25	414	407	403	403	405	409	415	421	430	442	454	467	479	490	497	501	501	499	495
30	339	334	331	330	333	338	340	340	343	347	353	359	362	362	359	351	342	335	331
35	285	278	276	279	283	277	270	272	279	283	288	285	271	258	248	239	231	227	224
40	109	101	107	129	166	181	182	186	201	217	208	194	175	159	145	134	125	119	116
45	8.27	8.46	8.67	8.56	11.7	30.3	45.5	67.0	103	119	119	103	83.1	62.9	45.1	30.3	18.9	11.7	9.14
50	7.91	7.86	7.91	7.94	7.95	8.02	8.10	9.65	29.6	45.7	39.4	19.9	9.76	9.53	9.18	8.84	8.56	8.32	8.13
55	7.10	7.06	7.09	7.10	7.23	7.35	7.29	7.40	7.99	7.71	7.53	7.85	8.08	8.03	7.79	7.57	7.40	7.25	7.13
60	5.76	5.67	5.76	5.83	6.03	6.10	6.10	6.36	6.50	6.40	6.27	6.20	6.45	6.44	6.34	6.25	6.20	6.16	6.13
65	4.37	4.32	4.37	4.52	4.60	4.73	4.78	4.93	5.03	5.02	4.96	4.98	5.00	5.00	4.97	4.91	4.86	4.80	4.75
70	2.58	2.56	2.68	3.09	3.16	3.50	3.33	3.68	3.76	3.80	3.81	3.81	3.79	3.74	3.67	3.59	3.50	3.43	3.37
75	2.01	1.99	2.05	2.12	2.15	2.37	2.24	2.69	2.84	2.82	2.77	2.70	2.61	2.50	2.39	2.27	2.16	2.06	1.98
80	1.66	1.64	1.70	1.77	1.83	1.86	1.90	1.99	2.00	1.63	1.24	0.92	0.65	0.44	0.27	0.15	0.06	0.02	0.00
85	1.20	1.18	1.20	1.26	1.20	0.53	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:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

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	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269
5	1116	1113	1109	1106	1104	1102	1102	1101	1101	1102	1104	1107	1111	1117	1124	1133	1143	1155	1139
10	964	956	947	937	927	917	906	895	886	877	870	865	863	864	868	875	887	902	881
15	813	799	783	766	746	726	705	685	666	649	635	623	615	609	607	609	616	627	611
20	649	636	620	601	579	556	534	513	495	478	464	452	443	437	433	432	434	440	432
25	489	480	470	457	441	425	409	395	383	374	368	360	353	348	345	345	346	350	344
30	331	334	337	338	335	330	324	317	312	306	303	303	300	295	291	290	290	293	289
35	224	226	230	236	244	255	266	263	254	242	233	233	245	249	241	235	233	237	223
40	117	121	128	137	149	164	178	186	177	154	139	139	139	119	75.4	41.3	26.8	22.9	24.0
45	11.3	17.9	28.2	41.6	58.0	76.6	92.5	97.3	86.8	60.2	32.3	32.6	14.5	9.80	8.65	8.62	8.59	8.58	8.63
50	8.05	8.02	7.84	7.83	8.02	8.27	17.4	31.1	29.0	15.8	9.51	8.50	8.46	8.41	8.37	8.34	8.28	8.25	8.31
55	7.11	7.14	7.06	7.13	7.29	7.48	7.69	7.94	8.16	8.21	7.78	7.77	7.98	7.82	7.75	7.78	7.62	7.61	7.58
60	6.18	6.28	6.33	6.41	6.51	6.58	6.63	6.74	6.83	6.86	6.86	6.73	6.69	6.67	6.55	6.48	6.34	6.29	6.28
65	4.80	4.93	5.06	5.23	5.39	5.46	5.46	5.44	5.45	5.48	5.42	5.43	5.50	5.42	5.41	5.20	5.07	4.97	4.91
70	3.41	3.53	3.67	3.83	3.99	4.09	4.14	4.17	4.20	4.16	3.93	3.67	4.05	3.03	3.12	2.63	2.48	2.42	2.46
75	2.02	2.14	2.28	2.44	2.60	2.75	2.88	2.99	3.08	3.09	2.66	2.40	2.52	2.36	2.35	2.30	2.25	2.19	2.20
80	0.02	0.06	0.15	0.28	0.45	0.68	0.96	1.31	1.74	2.16	2.12	2.09	2.07	2.04	2.01	1.98	1.92	1.86	1.86
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	0.61	1.40	1.40	1.36	1.37	1.22	1.14
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:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269
5	1124	1111	1099	1088	1080	1072	1066	1061	1057	1054	1052	1050	1050	1051	1053	1055	1059	1063	1068
10	863	849	838	830	825	822	821	821	821	823	826	827	831	834	838	843	849	855	861
15	599	592	588	586	586	588	591	595	600	604	609	613	617	622	627	632	639	646	653
20	426	424	424	426	427	430	433	434	439	450	463	476	488	500	510	519	527	532	534
25	340	339	340	342	345	348	347	349	355	363	371	380	389	396	403	409	414	418	421
30	287	287	288	290	286	277	275	279	286	293	300	304	304	303	302	301	301	304	309
35	218	221	229	224	206	191	190	198	212	229	230	227	218	211	206	204	204	206	211
40	28.1	38.7	65.0	97.6	105	90.5	85.9	101	127	140	143	136	128	118	111	107	106	108	114
45	8.70	8.79	8.83	10.3	17.5	14.7	19.3	39.2	57.3	66.3	63.6	53.0	39.5	26.6	16.8	10.6	8.49	10.6	17.0
50	8.41	8.46	8.50	8.61	8.65	8.48	9.92	12.7	18.1	14.1	8.61	8.32	8.12	7.96	7.83	7.72	7.64	7.62	7.70
55	7.70	7.68	7.69	7.88	7.75	7.66	7.77	8.02	7.92	7.73	7.56	7.38	7.25	7.11	7.00	6.89	6.79	6.75	6.81
60	6.37	6.41	6.51	6.51	6.54	6.56	6.53	6.56	6.53	6.46	6.40	6.36	6.34	6.25	6.16	6.05	5.94	5.87	5.91
65	4.80	5.09	4.75	5.23	5.21	4.84	4.97	5.11	5.13	5.13	5.18	5.19	5.16	5.05	4.92	4.79	4.68	4.63	4.70
70	2.55	2.59	2.88	3.13	3.62	3.20	3.25	3.85	3.99	4.00	3.99	3.95	3.88	3.77	3.64	3.53	3.42	3.39	3.48
75	2.27	2.35	2.39	2.44	2.47	2.47	2.54	2.93	2.98	2.92	2.84	2.73	2.61	2.48	2.36	2.25	2.16	2.15	2.25
80	1.93	1.97	1.97	1.99	2.05	2.11	2.17	1.81	1.38	1.02	0.72	0.49	0.30	0.16	0.07	0.02	0.00	0.02	0.07
85	1.04	0.96	1.04	0.54	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:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Regina Square-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269				
5	1073	1079	1086	1092	1101	1109	1118	1129	1140	1152	1165	1180	1195	1211	1228				
10	868	875	882	890	899	909	920	931	945	961	978	996	1017	1041	1068				
15	659	665	672	678	686	694	701	708	715	722	731	741	755	772	794				
20	534	531	527	520	513	505	505	510	513	516	518	523	529	539	552				
25	422	421	419	414	409	402	396	391	390	393	394	394	395	399	405				
30	316	322	326	329	328	323	320	318	318	323	326	324	324	327	332				
35	219	228	241	254	261	258	250	241	240	246	265	273	269	269	275				
40	123	134	149	161	172	174	164	148	142	150	164	170	143	116	104				
45	27.4	41.3	58.0	74.7	87.6	90.5	80.6	58.5	34.1	48.0	36.6	18.1	10.0	8.82	8.52				
50	7.80	7.93	8.06	8.25	16.6	29.3	28.1	17.0	11.3	8.40	8.30	8.19	8.11	8.02	7.93				
55	6.89	6.98	7.10	7.24	7.43	7.64	7.84	8.30	7.42	7.44	7.64	7.45	7.29	7.27	7.13				
60	5.96	6.03	6.11	6.18	6.25	6.36	6.43	6.37	6.28	6.22	6.22	6.20	6.01	5.90	5.74				
65	4.79	4.89	5.00	5.04	5.01	5.02	5.03	4.98	4.90	4.82	4.83	4.75	4.70	4.52	4.41				
70	3.58	3.69	3.80	3.86	3.89	3.89	3.85	3.72	3.52	3.39	3.57	3.27	3.24	2.82	2.65				
75	2.36	2.49	2.61	2.73	2.82	2.88	2.91	2.85	2.55	2.39	2.51	2.30	2.26	2.17	2.09				
80	0.16	0.29	0.46	0.69	0.97	1.32	1.73	2.12	2.06	2.01	1.97	1.96	1.90	1.83	1.74				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	1.25	1.31	1.29	1.27				
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:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.260
Humidity:65.0%
Test Distance:6.960m [K=1.0000]
Remarks: