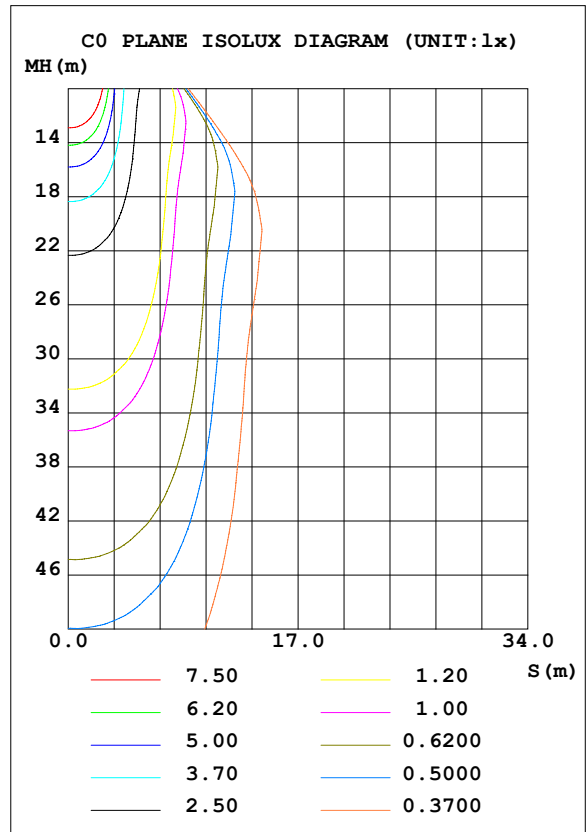
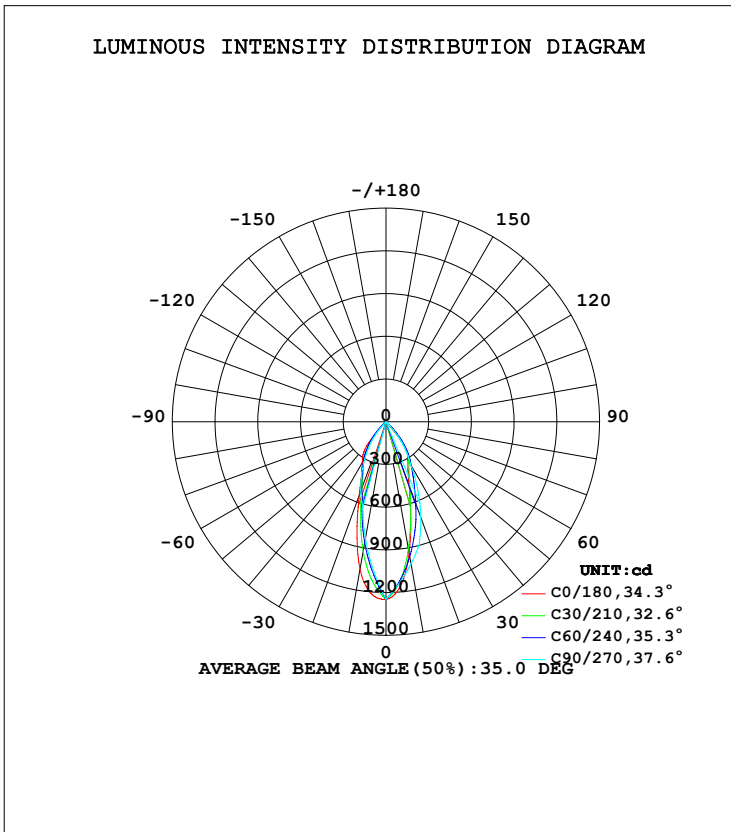


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	Regina Round-8W-35D-3000K-80	Imax (cd)	1248	S/MH (C0/180)	0.60
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	0.49
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	688.64	η UP, DN (C0-180)	0.0, 45.8
NOMINAL FLUX (lm)	688.641	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 54.2
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	1212	1088	1041	1059	1162	1118	1130	1149	0- 5	27.82	27.82	4.04,4.04
10	1052	887.1	834.0	832.3	935.6	929.7	1014	995.8	5- 10	72.57	100.4	14.6,14.6
15	787.3	671.4	627.4	611.2	672.1	719.7	897.1	799.2	10- 15	96.54	196.9	28.6,28.6
20	551.0	483.5	516.4	445.3	475.2	543.6	714.3	604.7	15- 20	101.9	298.8	43.4,43.4
25	406.0	379.0	405.5	354.9	366.6	414.6	531.6	453.5	20- 25	98.57	397.4	57.7,57.7
30	334.0	303.2	294.5	281.1	308.3	333.6	348.8	357.5	25- 30	92.50	489.9	71.1,71.1
35	282.1	224.5	199.2	188.9	256.1	274.0	239.7	295.0	30- 35	83.47	573.3	83.3,83.3
40	172.5	95.81	103.9	55.64	90.96	196.1	130.6	228.1	35- 40	63.87	637.2	92.5,92.5
45	10.72	20.12	8.683	11.66	9.047	73.93	21.54	119.3	40- 45	28.33	665.5	96.6,96.6
50	8.705	9.169	7.739	8.346	8.636	14.14	16.93	30.36	45- 50	7.505	673.1	97.7,97.7
55	8.019	7.575	6.796	7.559	8.107	8.419	12.32	8.265	50- 55	3.802	676.9	98.3,98.3
60	6.702	6.211	5.853	6.136	6.722	7.265	7.703	7.136	55- 60	3.383	680.2	98.8,98.8
65	5.285	4.810	4.708	4.589	5.345	5.952	5.954	5.890	60- 65	2.912	683.2	99.2,99.2
70	3.763	3.618	3.564	3.175	2.725	4.560	4.205	4.565	65- 70	2.299	685.4	99.5,99.5
75	2.461	2.743	2.419	2.441	2.406	3.234	2.456	3.266	70- 75	1.623	687.1	99.8,99.8
80	2.091	1.698	0	1.657	2.042	1.756	0	1.766	75- 80	1.068	688.1	99.9,99.9
85	1.590	0	0	0	1.463	0	0	0	80- 85	0.4312	688.6	100,100
90	0	0	0	0	0	0	0	0	85- 90	0.0699	688.6	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			

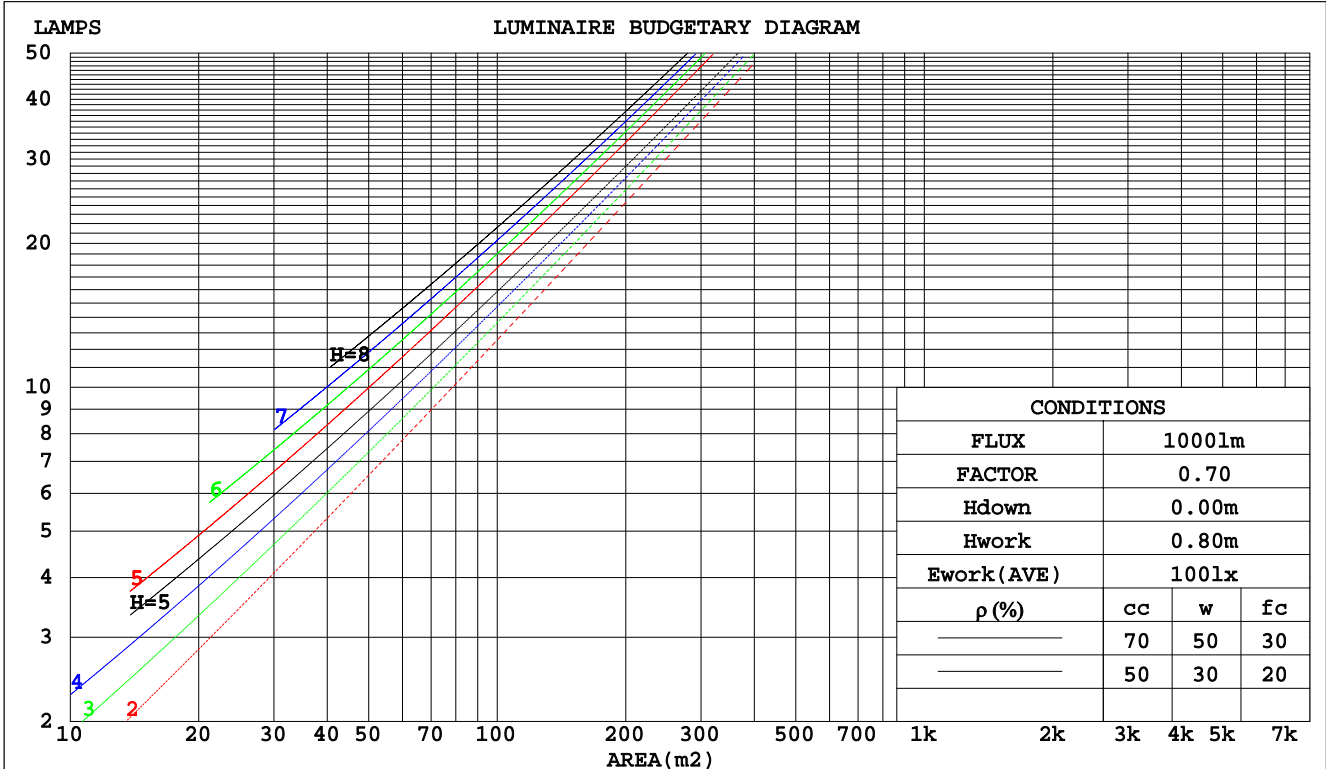
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DOBAC
Test Date:2017-11-04

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 Round-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	.99	.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 Round-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION 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	.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	

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	.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	.095	.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 Round-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	16.7	17.6	16.9	17.8	17.9	17.0	17.9	17.2	18.1	18.2				
3H	16.6	17.4	16.8	17.6	17.8	16.9	17.7	17.1	17.9	18.1				
4H	16.5	17.4	16.8	17.6	17.8	16.8	17.6	17.1	17.9	18.1				
6H	16.5	17.3	16.8	17.5	17.8	16.8	17.5	17.0	17.8	18.0				
8H	16.5	17.3	16.8	17.5	17.8	16.7	17.4	17.0	17.7	18.0				
12H	16.5	17.2	16.9	17.5	17.8	16.7	17.4	17.0	17.6	17.9				
4H 2H	16.5	17.3	16.7	17.5	17.7	16.7	17.6	17.0	17.8	18.0				
3H	16.4	17.1	16.7	17.4	17.6	16.7	17.4	17.0	17.7	17.9				
4H	16.4	17.0	16.7	17.3	17.6	16.7	17.3	17.0	17.6	17.9				
6H	16.4	17.0	16.8	17.3	17.6	16.6	17.1	17.0	17.5	17.8				
8H	16.4	16.9	16.8	17.3	17.7	16.5	17.1	16.9	17.4	17.8				
12H	16.5	17.0	16.9	17.3	17.7	16.5	17.0	16.9	17.3	17.7				
8H 4H	16.3	16.8	16.7	17.2	17.5	16.6	17.1	17.0	17.4	17.8				
6H	16.4	16.8	16.8	17.2	17.6	16.5	16.9	16.9	17.3	17.7				
8H	16.4	16.8	16.9	17.2	17.7	16.4	16.8	16.9	17.2	17.7				
12H	16.5	16.9	17.0	17.3	17.8	16.4	16.7	16.9	17.1	17.6				
12H 4H	16.2	16.7	16.6	17.1	17.5	16.5	17.0	16.9	17.4	17.8				
6H	16.3	16.7	16.8	17.1	17.5	16.5	16.8	16.9	17.2	17.7				
8H	16.4	16.7	16.9	17.1	17.6	16.4	16.7	16.9	17.2	17.6				
Variations with the observer position at spacings:														
S = 1.0H	+ 3.8 / - 7.4					+ 2.6 / - 8.0								
1.5H	+ 6.5 / - 7.2					+ 4.8 / - 7.9								
2.0H	+ 0.3 / - 0.4					+ 1.0 / - 0.5								

CIE Pub.117 Corrected 688.6 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 Round-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

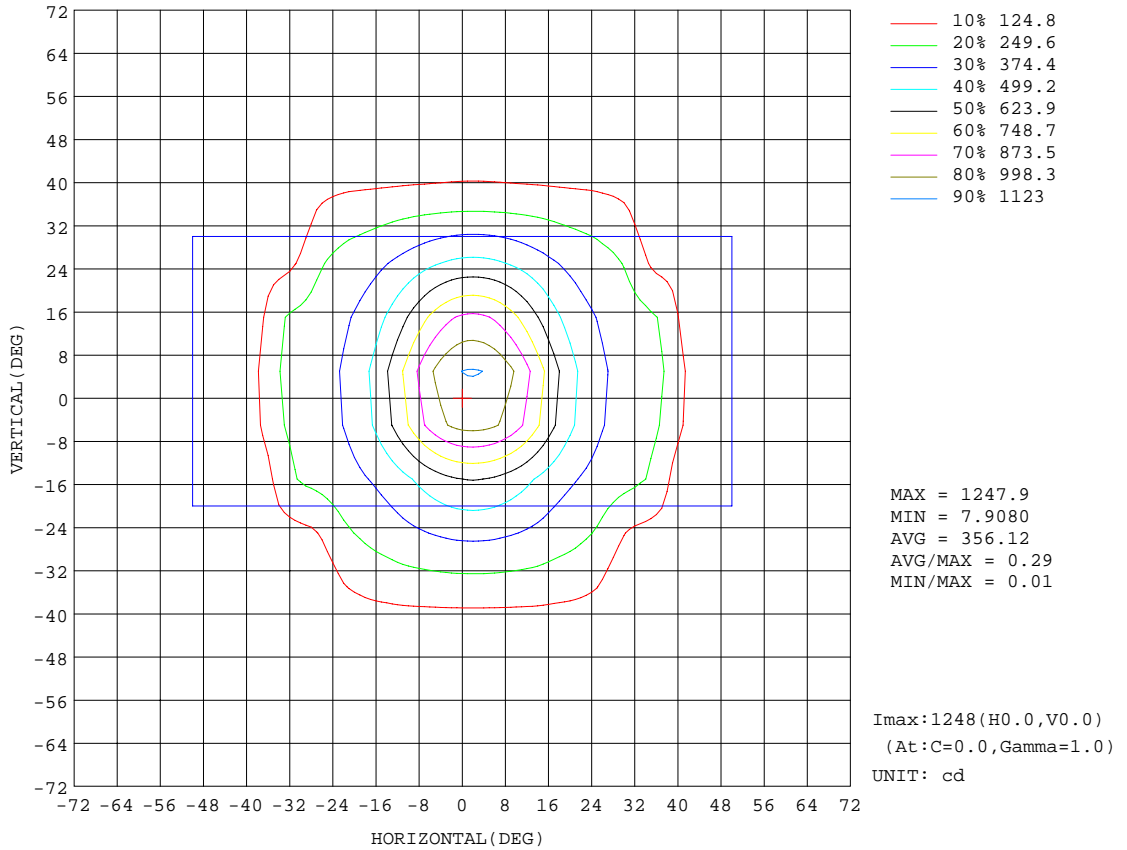
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	80	77	86	80	77	86	80	76	73
0.80	94	88	85	94	88	85	93	88	84	80
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	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	95
3.00	112	108	105	110	107	104	107	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 Round-8W-35D-3000K-80	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: DOBAC	SUR.:	PROTECTION ANGLE:

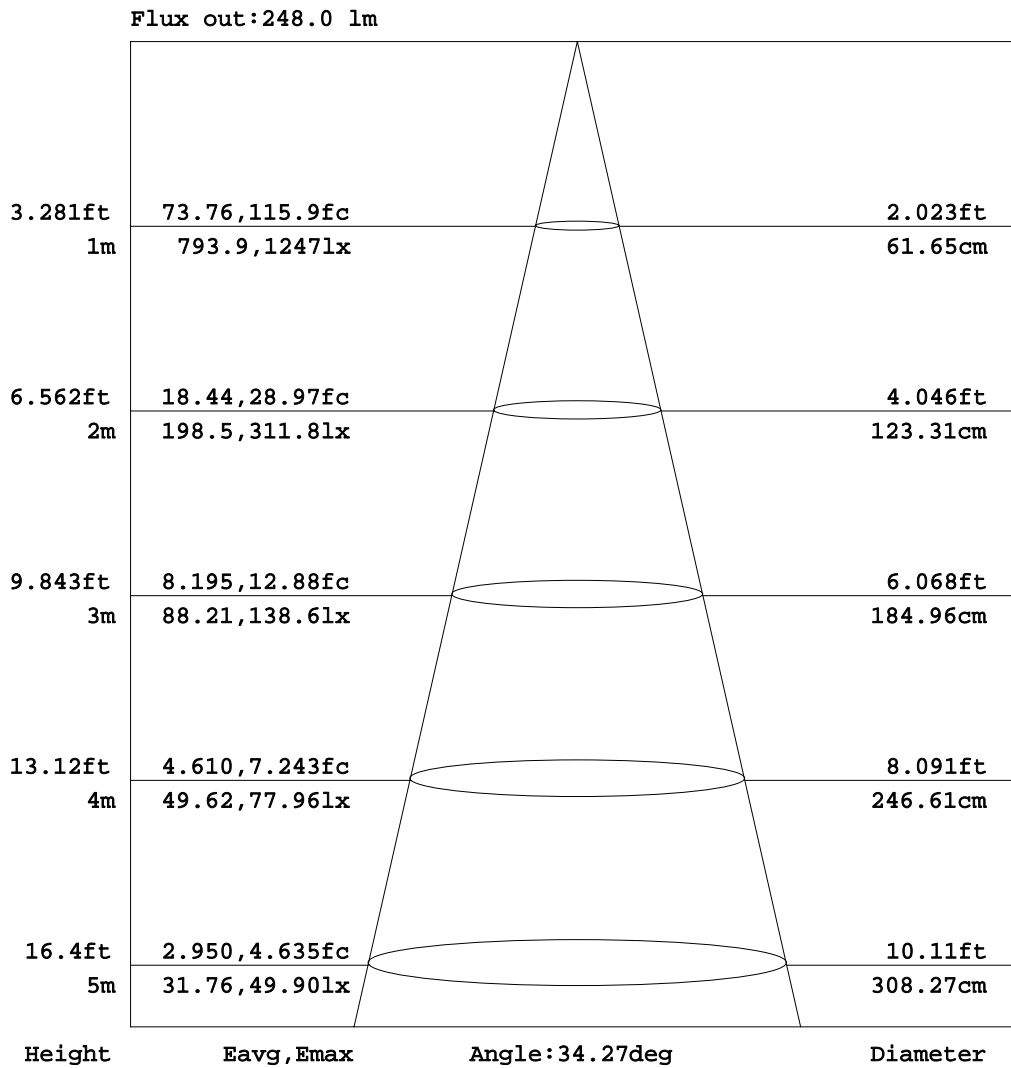


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DOBAC
 Test Date: 2017-11-04

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



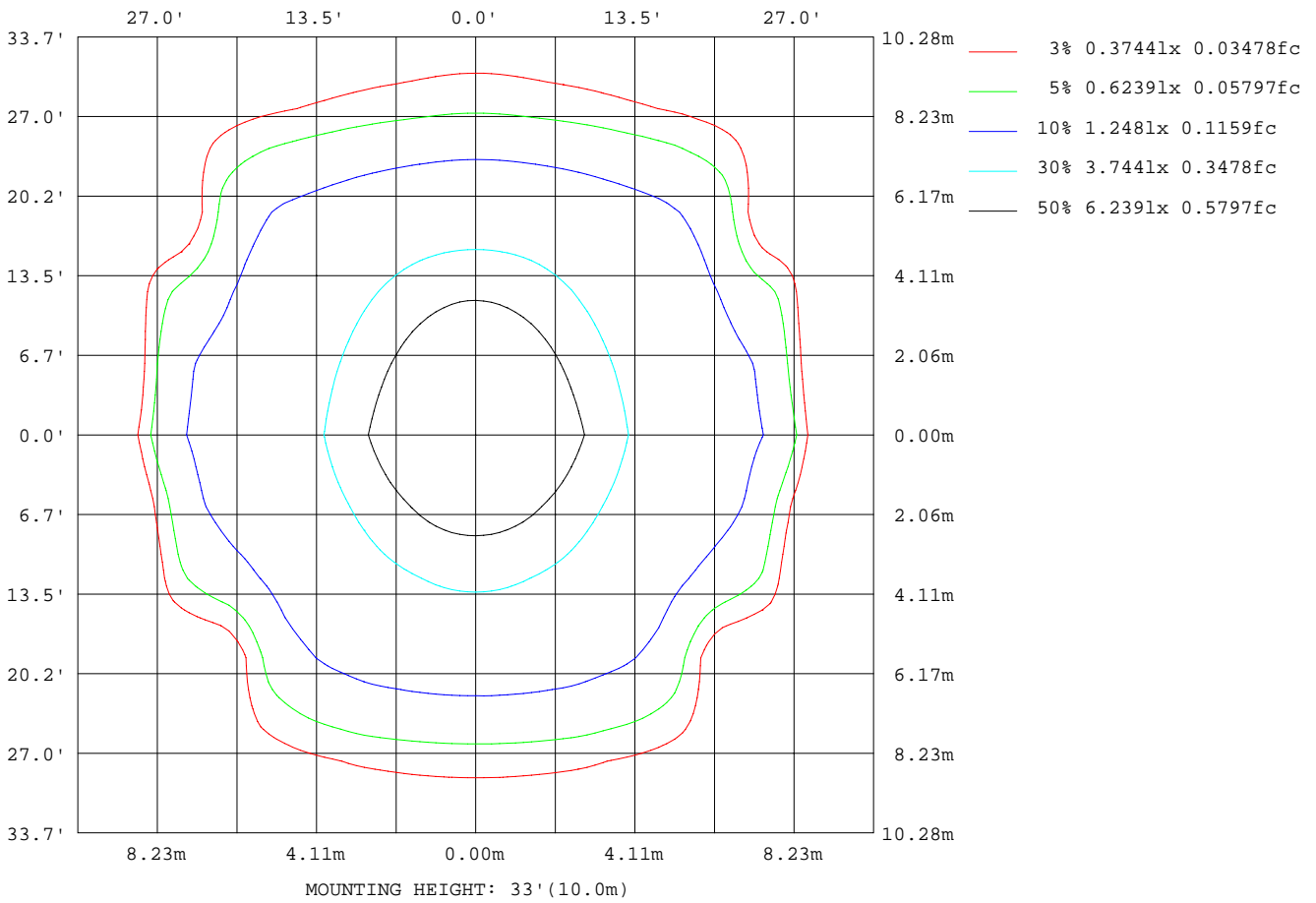
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 Round-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 Round-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	688.641	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	2542	2501	2444	2350	2354	2340	2242	2178	2154	2154	2163	2187	2248	2346	2340	2361	2431	2523	2570
60	2437	2346	2303	2237	2230	2218	2142	2111	2119	2128	2131	2129	2161	2228	2199	2280	2325	2383	2444
65	2274	2177	2116	2052	1992	2064	2039	2029	2027	2026	2035	2044	2065	2065	1821	2113	2063	2211	2299
70	2000	1739	1587	1826	1579	1987	1970	1932	1906	1894	1907	1935	1979	1959	1401	1831	1530	1567	1448
75	1729	1715	1699	1713	1683	1969	1891	1799	1730	1699	1719	1780	1874	1919	1635	1668	1660	1678	1690
80	2189	2163	2153	2134	2159	1358	727	312	76	0	76	308	713	1326	2104	2075	2084	2127	2138
85	3317	3117	2850	0	0	0	0	0	0	0	0	0	0	0	0	0	2588	2689	3051

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	3317	200	---	500
Category 2	65 to 90	3317	200	---	500
Category 3	75 to 90	3317	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 Round-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	688.641	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	2542	2501	2444	2350	2354	2340	2242	2178	2154	2154	2163	2187	2248	2346	2340	2361	2431	2523	2570
60	2437	2346	2303	2237	2230	2218	2142	2111	2119	2128	2131	2129	2161	2228	2199	2280	2325	2383	2444
65	2274	2177	2116	2052	1992	2064	2039	2029	2027	2026	2035	2044	2065	2065	1821	2113	2063	2211	2299
70	2000	1739	1587	1826	1579	1987	1970	1932	1906	1894	1907	1935	1979	1959	1401	1831	1530	1567	1448
75	1729	1715	1699	1713	1683	1969	1891	1799	1730	1699	1719	1780	1874	1919	1635	1668	1660	1678	1690
80	2189	2163	2153	2134	2159	1358	727	312	76	0	76	308	713	1326	2104	2075	2084	2127	2138
85	3317	3117	2850	0	0	0	0	0	0	0	0	0	0	0	0	0	2588	2689	3051

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	3317	1000	1500	200	500
65 to 90	3317	1000	1500	200	500

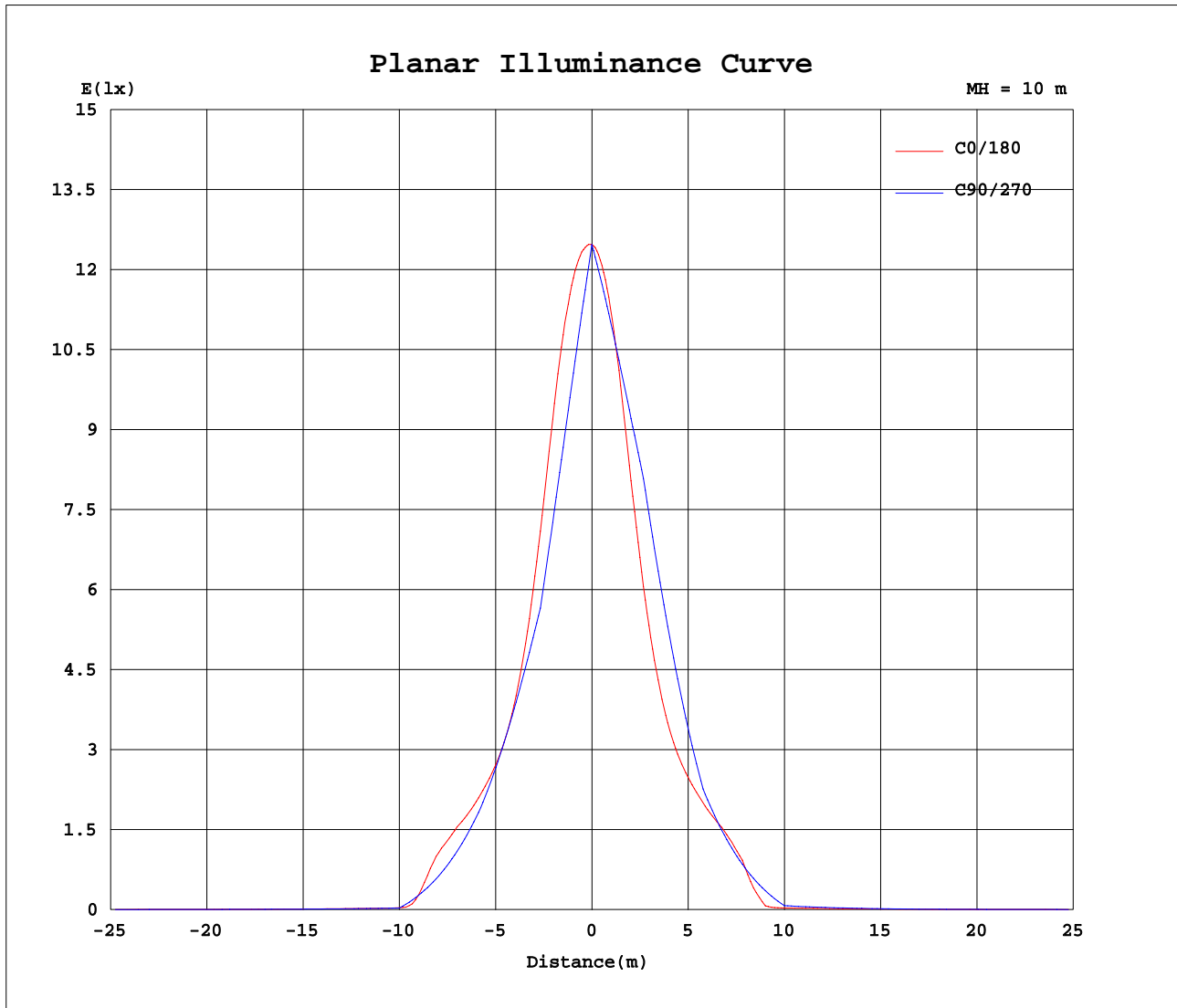
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

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 Round-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	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247
5	1039	1040	1040	1041	1043	1046	1049	1054	1059	1066	1074	1083	1092	1104	1116	1130	1145	1162	1152
10	832	830	829	828	828	829	829	830	832	836	841	846	854	864	877	893	912	936	922
15	624	622	619	618	616	615	614	613	611	610	611	611	614	619	627	638	652	672	660
20	512	506	499	489	479	469	459	448	445	446	447	446	447	448	451	456	463	475	469
25	403	399	395	389	383	375	367	360	355	353	355	355	353	353	353	355	360	367	363
30	295	297	301	303	304	298	293	287	281	279	279	290	299	297	298	299	303	308	306
35	200	203	209	217	222	227	225	211	189	168	173	200	230	240	233	233	241	256	252
40	105	110	117	127	134	140	138	110	55.6	45.3	78.9	106	108	76.6	62.2	66.3	75.8	91.0	82.0
45	10.7	16.8	26.5	38.8	52.1	62.5	60.5	33.2	11.7	9.09	10.5	20.1	10.9	9.21	9.05	9.13	9.07	9.05	9.12
50	7.76	7.78	7.84	7.92	8.05	8.20	11.8	9.57	8.35	8.21	8.24	8.40	8.43	8.45	8.51	8.55	8.57	8.64	8.64
55	6.81	6.82	6.85	6.90	6.99	7.09	7.23	7.40	7.56	7.38	7.32	7.45	7.73	7.67	7.74	7.96	7.95	8.11	8.12
60	5.87	5.86	5.85	5.86	5.89	5.94	6.03	6.13	6.14	6.05	6.21	6.27	6.33	6.39	6.43	6.55	6.57	6.72	6.75
65	4.72	4.73	4.73	4.75	4.78	4.80	4.80	4.80	4.59	4.23	4.55	4.91	5.00	4.80	5.14	5.14	5.24	5.34	5.38
70	3.58	3.59	3.60	3.64	3.68	3.72	3.75	3.69	3.17	2.64	3.05	3.44	3.27	2.88	3.10	2.95	2.77	2.72	2.90
75	2.43	2.45	2.48	2.53	2.60	2.67	2.73	2.73	2.44	2.33	2.35	2.37	2.37	2.36	2.39	2.39	2.40	2.41	2.42
80	0.02	0.07	0.16	0.29	0.46	0.68	0.95	1.27	1.66	2.01	1.99	1.98	1.98	1.99	2.01	2.03	2.03	2.04	2.05
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	0.56	1.24	1.21	1.29	1.45	1.46	1.50
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 Round-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	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247
5	1144	1137	1131	1126	1123	1120	1119	1118	1118	1119	1120	1122	1123	1125	1127	1128	1130	1131	1133
10	912	905	903	903	907	913	921	930	940	951	963	973	984	994	1003	1009	1014	1016	1016
15	654	652	655	661	671	684	700	720	741	764	789	812	836	856	875	888	897	899	896
20	466	468	472	479	490	505	523	544	565	588	612	635	658	678	694	706	714	716	715
25	363	365	369	375	384	395	403	415	429	446	463	480	495	508	518	526	532	534	534
30	306	308	312	319	322	323	328	334	340	348	356	360	361	358	353	349	349	352	360
35	253	259	268	256	241	249	262	274	283	284	271	260	251	244	240	239	240	242	245
40	87.9	111	148	150	127	116	145	196	202	192	174	159	147	137	131	129	131	132	135
45	9.21	9.18	10.5	20.9	36.3	12.1	22.6	73.9	108	100	81.7	61.8	44.8	31.7	22.0	20.1	21.5	22.6	24.7
50	8.68	8.74	8.74	8.73	8.78	8.75	8.89	14.1	29.2	18.6	8.77	8.66	8.71	9.69	10.8	14.1	16.9	15.9	12.2
55	8.24	8.16	8.24	8.27	8.12	8.21	8.37	8.42	8.19	8.08	8.03	8.02	8.02	8.47	9.16	10.8	12.3	11.7	9.68
60	6.90	6.94	7.08	7.13	7.13	7.34	7.36	7.26	7.16	7.14	7.21	7.31	7.42	7.58	7.70	7.74	7.70	7.74	7.69
65	5.44	5.56	5.54	5.71	5.62	5.51	5.86	5.95	6.00	6.10	6.09	6.08	6.06	6.02	5.99	5.97	5.95	5.96	5.96
70	3.09	3.56	3.08	4.05	3.76	3.29	4.21	4.56	4.59	4.56	4.50	4.44	4.38	4.31	4.25	4.22	4.20	4.22	4.24
75	2.42	2.43	2.42	2.53	2.43	2.41	2.88	3.23	3.18	3.08	2.96	2.83	2.71	2.60	2.52	2.47	2.46	2.47	2.52
80	2.07	2.07	2.08	2.08	2.09	2.10	2.14	1.76	1.34	1.00	0.71	0.48	0.30	0.17	0.07	0.02	0.00	0.02	0.07
85	1.41	1.45	1.41	0.61	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:

