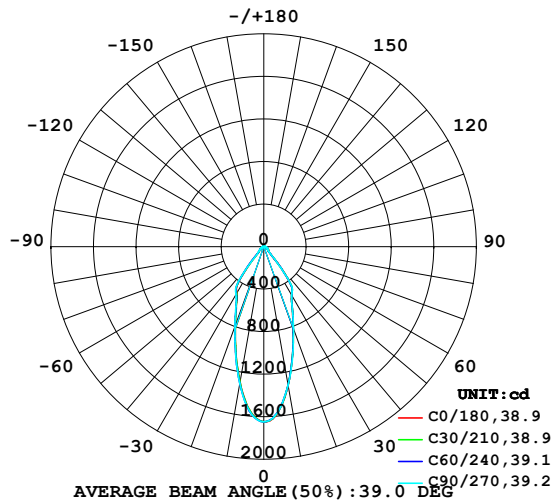


LUMINAIRE PHOTOMETRIC TEST REPORT

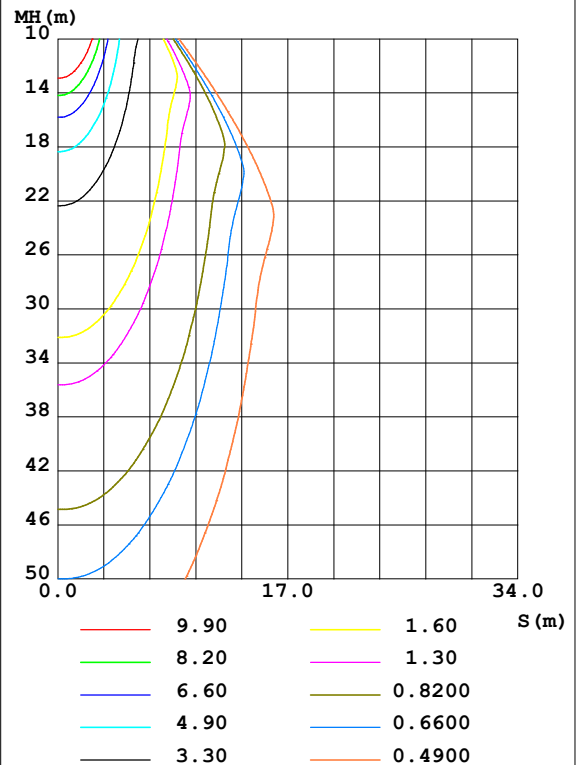
NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.87 lm/W			
MODEL		Imax(cd)	1647	S/MH(C0/180)	0.60
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1129.3	η UP,DN(C0-180)	0.8,49.6
NOMINAL FLUX(lm)	1129.28	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,48.9
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	98.5	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [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
10	1323	1321	1322	1312	1295	1299	1306	1318	0- 10	140.4	140.4	12.4,12.4
20	812.6	814.8	818.2	801.9	785.8	787.7	794.5	805.9	10- 20	288.7	429.1	38,38
30	525.2	527.7	526.5	514.7	510.1	514.4	523.8	524.1	20- 30	291.3	720.3	63.8,63.8
40	207.9	204.3	205.9	184.9	172.6	179.7	186.8	197.1	30- 40	252.4	972.8	86.1,86.1
50	51.62	53.54	54.44	51.81	50.98	52.38	52.84	51.20	40- 50	63.09	1036	91.7,91.7
60	31.91	32.48	32.62	31.48	31.27	31.93	31.89	31.32	50- 60	36.91	1073	95,95
70	20.47	20.51	20.27	19.81	19.75	20.03	19.79	19.82	60- 70	25.24	1098	97.2,97.2
80	3.990	4.094	4.073	3.885	3.280	3.785	3.944	4.244	70- 80	13.17	1111	98.4,98.4
90	0.1340	0.1224	0.1180	0.1138	0.1379	0.1311	0.1239	0.1253	80- 90	1.165	1112	98.5,98.5
100	0.2151	0.2171	0.2188	0.2114	0.2357	0.2258	0.2128	0.2201	90-100	0.1804	1113	98.5,98.5
110	0.4760	0.4889	0.4925	0.4876	0.5146	0.5020	0.4887	0.4719	100-110	0.3378	1113	98.5,98.5
120	1.294	1.313	1.345	1.359	1.374	1.360	1.357	1.303	110-120	0.8575	1114	98.6,98.6
130	2.841	2.751	2.801	2.824	2.822	2.794	2.801	2.713	120-130	1.788	1116	98.8,98.8
140	4.796	4.821	4.879	4.875	4.859	4.799	4.829	4.748	130-140	2.891	1118	99,99
150	7.111	7.095	7.210	7.091	7.095	6.956	7.074	6.926	140-150	3.713	1122	99.4,99.4
160	8.660	8.714	8.808	8.641	8.530	8.508	8.596	8.537	150-160	3.647	1126	99.7,99.7
170	9.663	9.690	9.688	9.576	9.520	9.419	9.552	9.473	160-170	2.580	1128	99.9,99.9
180	10.11	10.17	10.05	10.12	10.13	10.16	10.04	10.11	170-180	0.9331	1129	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1012 lm

%lum = 89.6%

%lamp = 89.6%

Conical surface Flux(120deg): 1072.8 lm

%lum = 95.0%

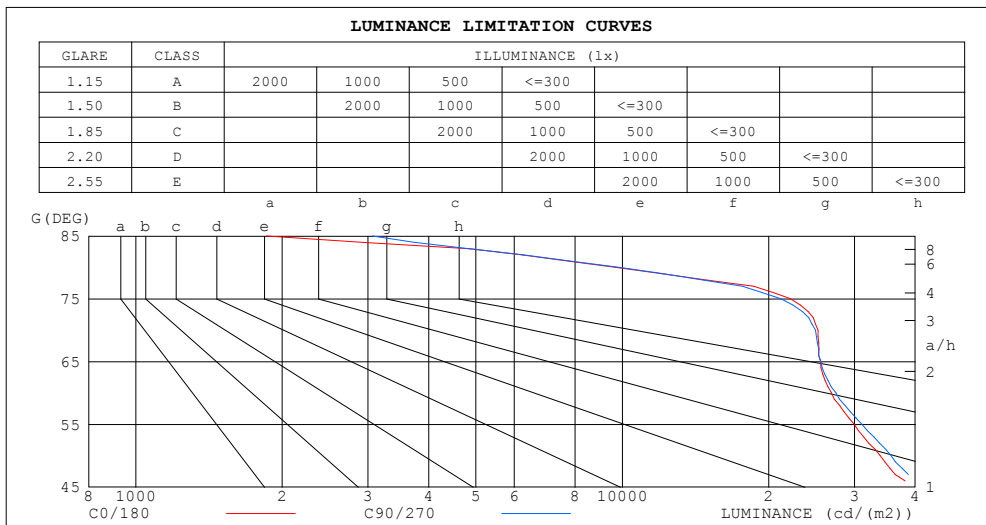
%lamp = 95.0%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-02-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1855	3063
80	9696	9878
75	22157	21196
70	25260	24960
65	25548	25618
60	26928	27477
55	29950	31096
50	33886	35671
45	40647	43051

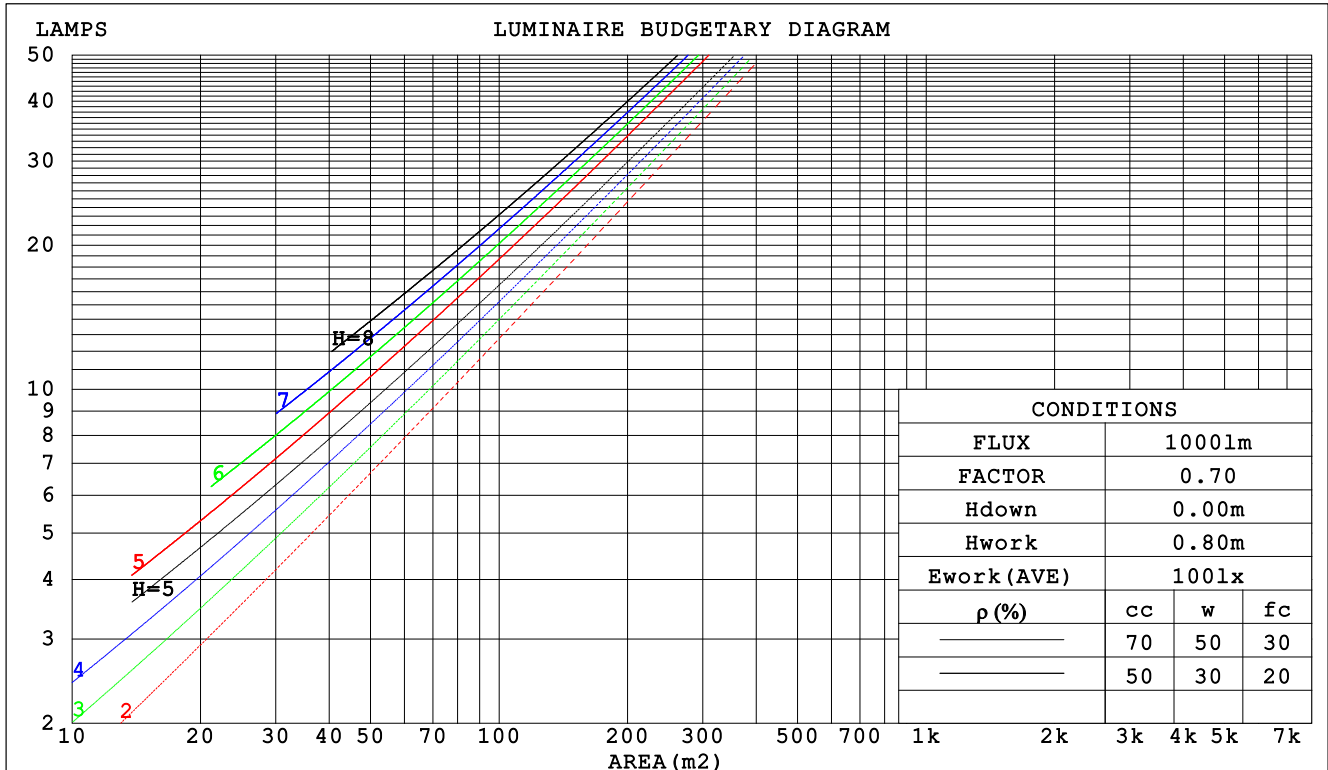
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding 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			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.94	.89	.84	.92	.87	.83	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.81	.77	.86	.81	.76	.84	.79	.75	.81	.77	.74	.79	.76	.73	.72
5.0	.82	.75	.71	.80	.75	.70	.78	.73	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.76	.70	.66	.75	.70	.65	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.65	.61	.71	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
8.0	.68	.61	.57	.67	.61	.57	.66	.60	.57	.64	.60	.56	.63	.59	.56	.54
9.0	.64	.58	.54	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10.0	.60	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.57	.53	.50	.48



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

WEC AND CCEC

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding 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						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.193	.110	.035	.186	.106	.034	.172	.099	.032	.160	.092	.030	.148	.086	.028		
2.0	.185	.101	.031	.178	.098	.030	.167	.093	.029	.156	.088	.027	.146	.083	.026		
3.0	.175	.093	.028	.170	.091	.027	.160	.086	.026	.150	.082	.025	.142	.079	.024		
4.0	.165	.086	.025	.161	.084	.025	.152	.081	.024	.144	.077	.023	.137	.074	.023		
5.0	.157	.080	.023	.153	.078	.023	.145	.075	.022	.138	.073	.022	.131	.070	.021		
6.0	.149	.074	.021	.145	.073	.021	.138	.071	.021	.132	.069	.020	.126	.066	.020		
7.0	.141	.070	.020	.138	.069	.020	.132	.067	.019	.126	.065	.019	.121	.063	.018		
8.0	.134	.066	.018	.132	.065	.018	.126	.063	.018	.121	.061	.018	.116	.060	.017		
9.0	.128	.062	.017	.126	.061	.017	.121	.060	.017	.116	.058	.017	.112	.057	.016		
10.0	.122	.059	.016	.120	.058	.016	.116	.057	.016	.112	.055	.016	.108	.054	.016		

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						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022		
1.0	.184	.169	.155	.157	.145	.134	.108	.100	.092	.062	.058	.054	.020	.019	.017		
2.0	.170	.144	.123	.145	.124	.106	.100	.086	.074	.057	.050	.043	.018	.016	.014		
3.0	.158	.125	.099	.135	.108	.086	.093	.075	.060	.054	.044	.036	.017	.014	.012		
4.0	.148	.111	.083	.127	.096	.072	.087	.067	.050	.050	.039	.030	.016	.013	.010		
5.0	.139	.099	.070	.120	.086	.061	.082	.060	.043	.048	.035	.025	.015	.012	.008		
6.0	.132	.090	.060	.113	.078	.053	.078	.055	.037	.045	.032	.022	.015	.011	.007		
7.0	.125	.083	.053	.108	.072	.046	.075	.050	.033	.043	.030	.019	.014	.010	.006		
8.0	.120	.077	.047	.103	.066	.041	.071	.047	.029	.041	.028	.017	.013	.009	.006		
9.0	.114	.071	.042	.099	.062	.037	.068	.044	.026	.040	.026	.016	.013	.008	.005		
10.0	.110	.067	.039	.095	.058	.034	.066	.041	.024	.038	.024	.014	.012	.008	.005		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME:					TYPE:CRI90 3000K			WEIGHT:1.1KG			
SPEC.:RAD35R-15-30K					DIM.:			SERIAL No.:1			
MFR.:					SUR.:φ55MM			Shielding 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	2H	22.8	23.8	23.0	24.0	24.2	22.8	23.8	23.1	24.0	24.2
	3H	23.2	24.1	23.5	24.3	24.5	23.2	24.1	23.5	24.3	24.6
	4H	23.4	24.2	23.7	24.5	24.7	23.3	24.2	23.6	24.5	24.7
	6H	23.4	24.2	23.7	24.5	24.7	23.4	24.2	23.7	24.4	24.7
	8H	23.3	24.1	23.7	24.4	24.7	23.3	24.1	23.7	24.4	24.7
	12H	23.3	24.0	23.6	24.3	24.7	23.3	24.0	23.6	24.3	24.6
4H	2H	22.8	23.7	23.1	23.9	24.2	22.8	23.7	23.1	23.9	24.2
	3H	23.4	24.1	23.7	24.4	24.7	23.4	24.1	23.7	24.4	24.7
	4H	23.6	24.3	24.0	24.7	25.0	23.6	24.3	24.0	24.6	25.0
	6H	23.7	24.3	24.1	24.7	25.1	23.7	24.3	24.1	24.6	25.0
	8H	23.7	24.2	24.1	24.6	25.0	23.6	24.2	24.1	24.6	25.0
	12H	23.6	24.1	24.1	24.5	25.0	23.6	24.1	24.0	24.5	24.9
8H	4H	23.7	24.2	24.1	24.6	25.0	23.7	24.2	24.1	24.6	25.0
	6H	23.8	24.2	24.2	24.6	25.1	23.7	24.2	24.2	24.6	25.0
	8H	23.7	24.1	24.2	24.6	25.0	23.7	24.1	24.2	24.5	25.0
	12H	23.7	24.0	24.2	24.5	25.0	23.6	24.0	24.1	24.5	25.0
12H	4H	23.6	24.1	24.1	24.5	25.0	23.6	24.1	24.0	24.5	24.9
	6H	23.7	24.1	24.2	24.6	25.0	23.7	24.1	24.2	24.5	25.0
	8H	23.7	24.0	24.2	24.5	25.0	23.6	24.0	24.1	24.5	25.0
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 2.4					+ 2.3 / - 2.4				
1.5H		+ 4.4 / - 2.1					+ 4.3 / - 2.0				
2.0H		+ 0.6 / - 0.6					+ 0.8 / - 0.7				

CIE Pub.117, 1129 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.4)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

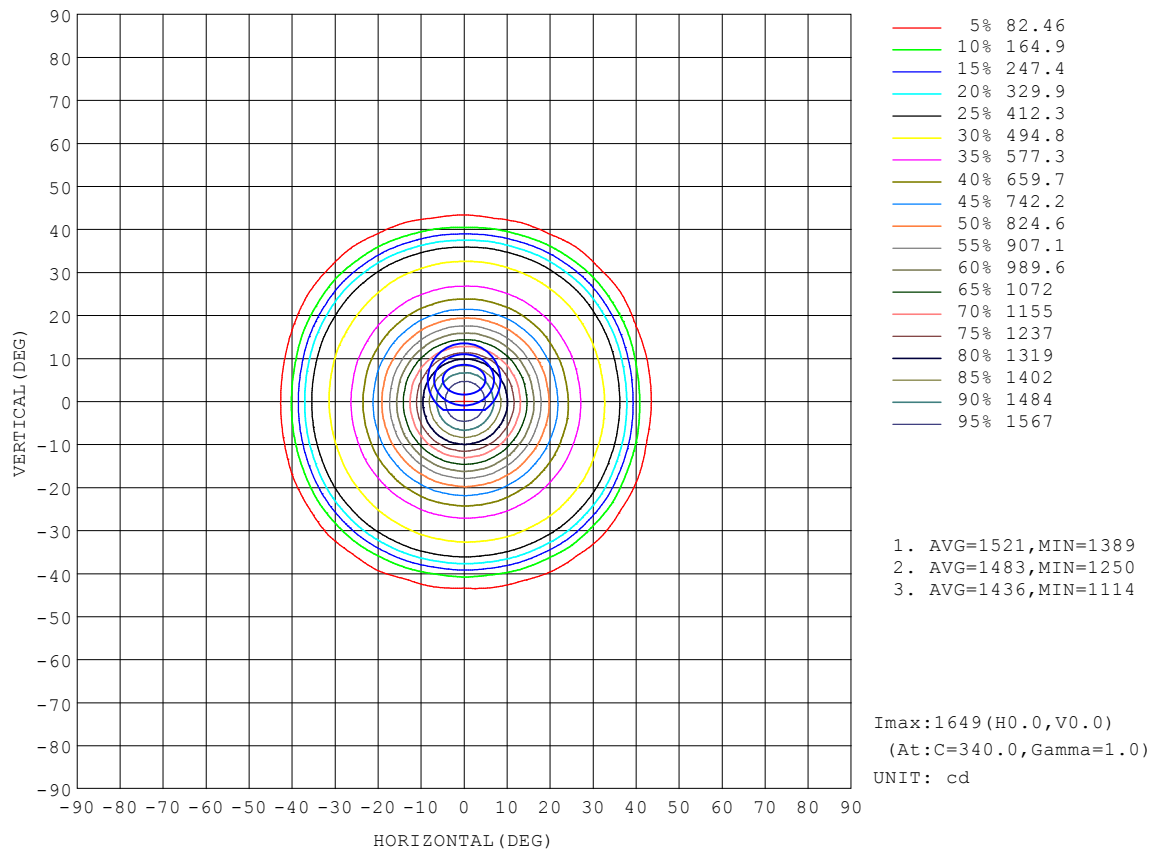
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Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:

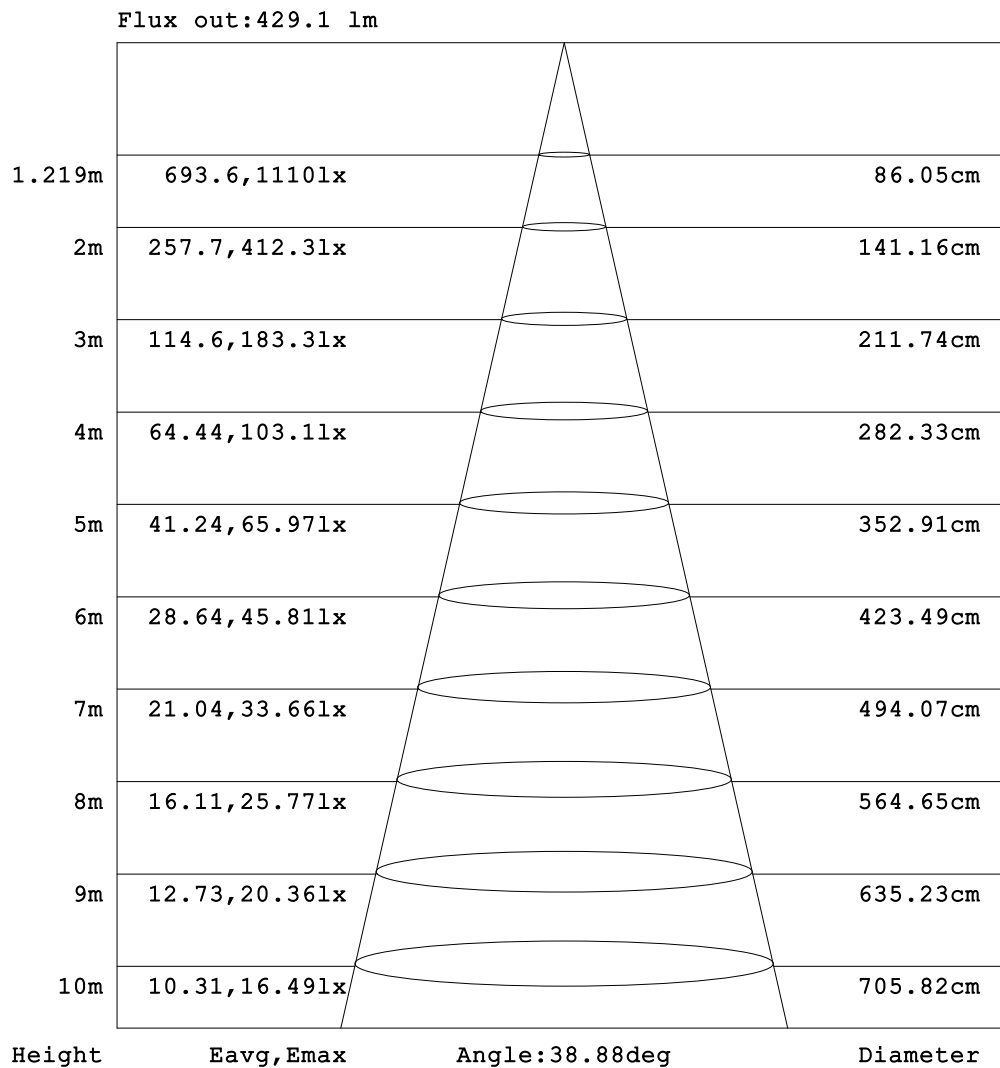


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

AAI Figure

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:



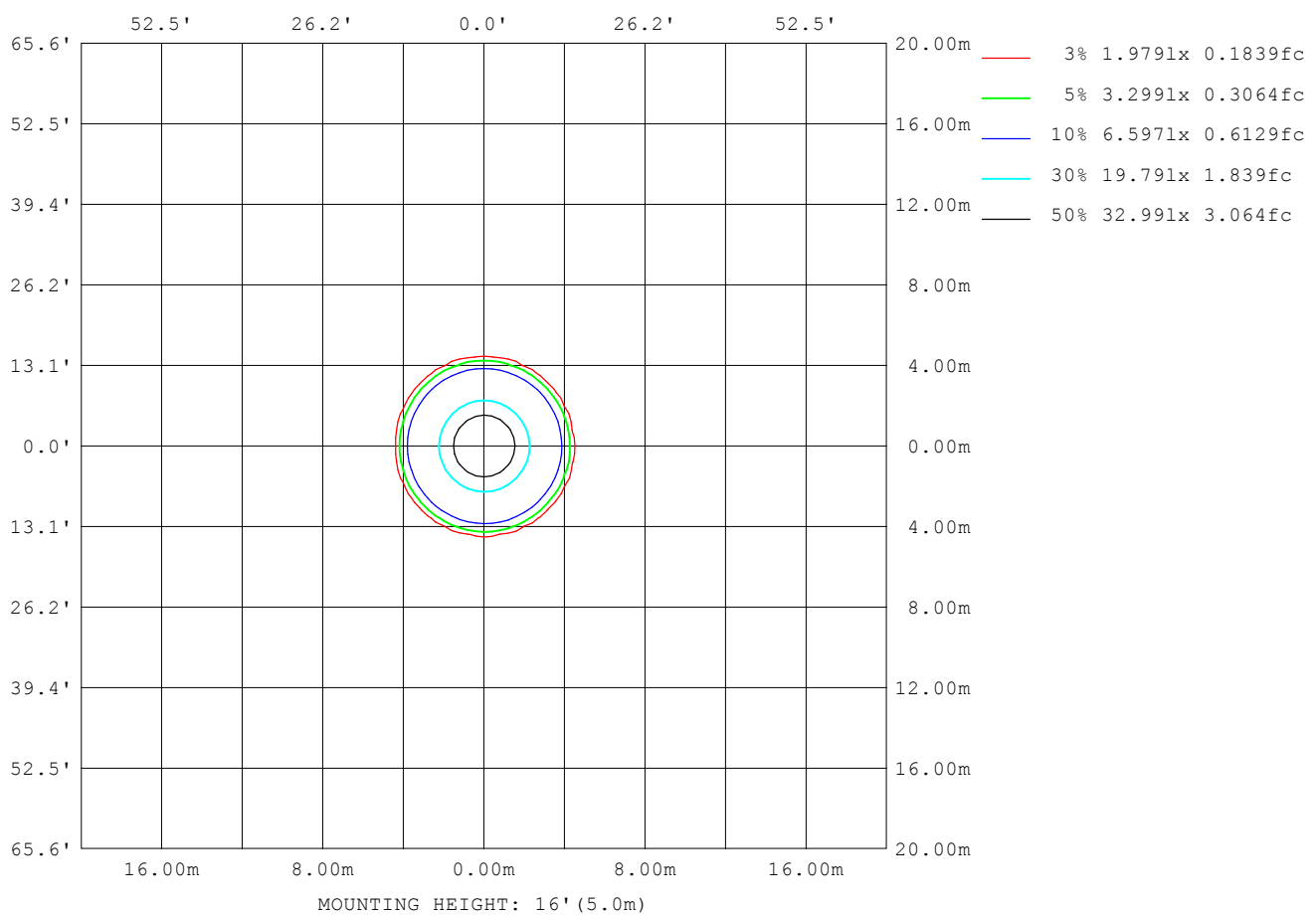
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LED Avg.L Report

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:

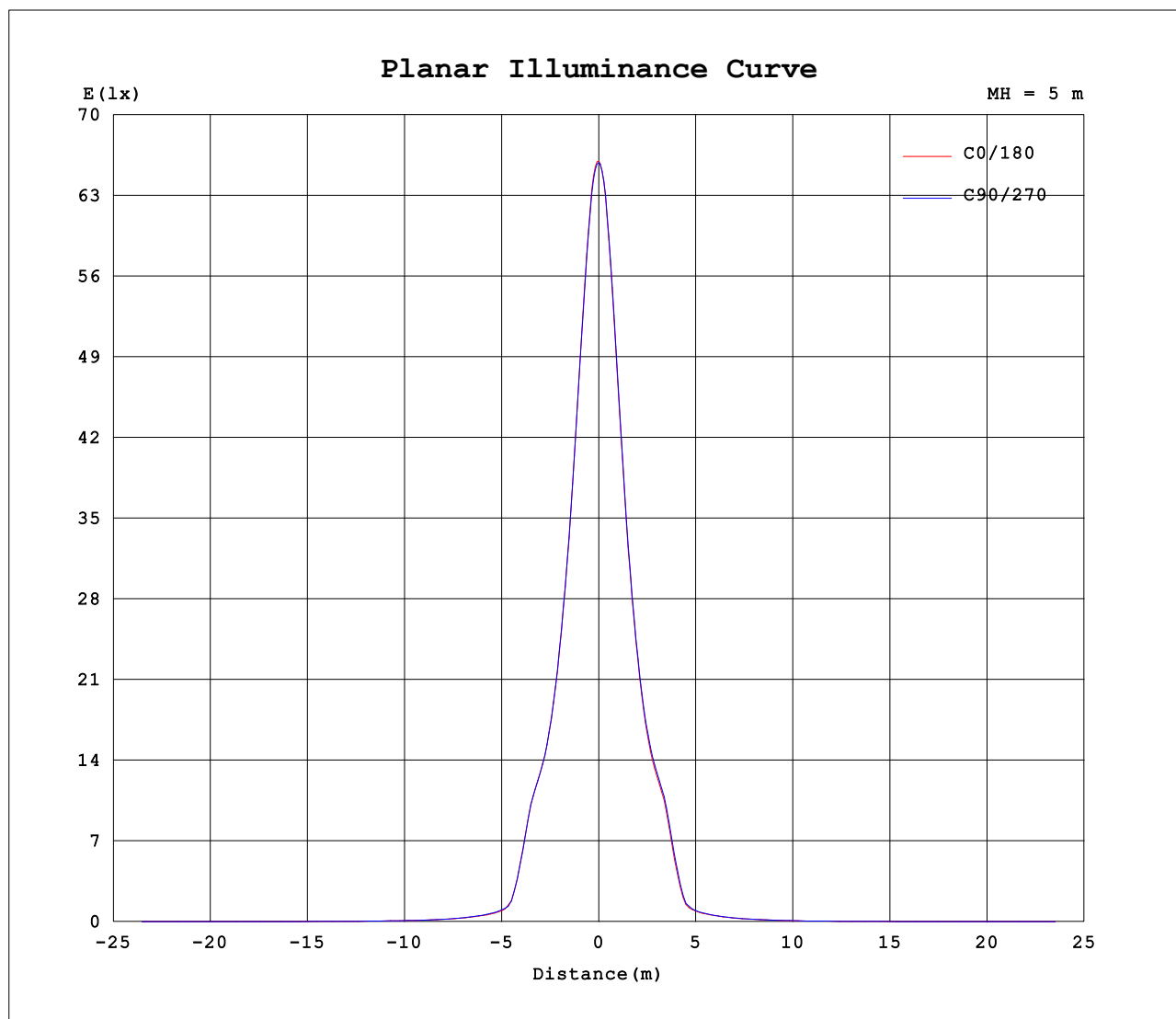
AvgL	cd/m2
L_0~180 (65) av	25149
L_0~180 (75) av	21321
L_0~180 (85) av	2177
L_90~270 (65) av	25325
L_90~270 (75) av	20868
L_90~270 (85) av	3054
L_45 (65) av	25183
L_45 (75) av	21104
L_45 (85) av	3058

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-02-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646
5	1562	1563	1559	1560	1557	1559	1555	1557	1557	1558	1555	1557	1554	1554	1550	1550	1546	1545	1543
10	1323	1325	1320	1322	1319	1323	1320	1320	1321	1322	1317	1319	1315	1315	1309	1309	1301	1300	1295
15	1051	1054	1048	1052	1049	1054	1051	1055	1054	1055	1049	1051	1045	1045	1037	1037	1030	1028	1023
20	813	816	811	815	812	817	816	818	817	818	812	813	807	805	799	798	791	791	786
25	635	638	635	638	636	639	638	641	639	639	635	636	630	628	622	621	615	615	612
30	525	526	525	528	527	528	527	529	528	527	524	523	519	516	513	512	510	510	510
35	461	462	458	462	458	462	459	462	461	462	458	457	451	448	441	440	433	434	431
40	208	211	204	209	201	208	202	207	203	206	196	199	188	190	180	182	173	175	173
45	68.1	68.7	68.7	69.6	69.9	71.2	71.6	72.5	72.4	72.3	71.1	70.5	69.4	68.9	67.8	67.5	66.5	66.3	65.8
50	51.6	52.0	52.1	52.7	53.1	54.0	54.4	54.9	54.9	54.4	53.5	52.9	52.3	52.0	51.6	51.5	51.2	51.1	51.0
55	40.7	41.0	41.0	41.4	41.5	42.0	42.3	42.7	42.6	42.4	41.7	41.3	40.9	40.8	40.5	40.5	40.3	40.3	40.2
60	31.9	32.1	32.1	32.4	32.4	32.6	32.7	32.9	32.8	32.6	32.2	31.9	31.7	31.6	31.4	31.5	31.3	31.3	31.3
65	25.6	25.7	25.7	25.9	25.8	25.9	25.9	26.0	25.8	25.7	25.4	25.3	25.1	25.1	25.0	25.0	25.0	25.0	24.9
70	20.5	20.6	20.5	20.6	20.5	20.6	20.4	20.5	20.3	20.3	20.0	20.0	19.8	19.9	19.7	19.9	19.8	19.8	19.7
75	13.6	13.7	13.5	13.5	13.3	13.4	13.2	13.2	13.0	13.0	12.8	12.9	12.7	12.8	12.6	12.7	12.6	12.7	12.6
80	3.99	4.11	4.11	4.25	4.06	4.13	3.99	4.08	3.98	4.07	3.96	4.04	3.91	3.96	3.81	3.82	3.48	3.41	3.28
85	0.38	0.45	0.64	0.67	0.66	0.66	0.64	0.64	0.63	0.63	0.61	0.62	0.61	0.61	0.58	0.56	0.53	0.52	0.52
90	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.14
95	0.15	0.17	0.15	0.17	0.14	0.16	0.14	0.16	0.15	0.16	0.14	0.16	0.14	0.16	0.16	0.16	0.16	0.17	0.18
100	0.22	0.23	0.22	0.23	0.21	0.23	0.22	0.22	0.23	0.22	0.22	0.22	0.22	0.22	0.21	0.21	0.22	0.23	0.24
105	0.29	0.30	0.29	0.31	0.29	0.30	0.29	0.30	0.29	0.30	0.29	0.29	0.28	0.29	0.28	0.30	0.29	0.31	0.32
110	0.48	0.48	0.47	0.48	0.49	0.49	0.49	0.49	0.49	0.49	0.50	0.49	0.50	0.49	0.49	0.50	0.49	0.52	0.51
115	0.83	0.83	0.82	0.83	0.84	0.85	0.84	0.85	0.85	0.85	0.85	0.85	0.86	0.85	0.85	0.86	0.87	0.89	0.88
120	1.29	1.30	1.30	1.33	1.31	1.31	1.33	1.33	1.34	1.34	1.35	1.34	1.35	1.35	1.37	1.36	1.37	1.38	1.37
125	1.93	1.94	1.97	1.96	1.94	1.94	1.97	1.96	1.98	1.98	2.00	1.98	2.00	1.99	2.00	2.01	2.05	2.03	2.01
130	2.84	2.77	2.73	2.73	2.76	2.75	2.78	2.77	2.81	2.80	2.82	2.80	2.83	2.82	2.83	2.83	2.85	2.84	2.82
135	3.70	3.69	3.70	3.70	3.73	3.73	3.76	3.75	3.78	3.77	3.78	3.78	3.80	3.79	3.81	3.79	3.82	3.82	3.78
140	4.80	4.78	4.80	4.80	4.82	4.82	4.86	4.86	4.89	4.88	4.90	4.89	4.90	4.86	4.89	4.89	4.93	4.91	4.86
145	5.96	5.95	5.96	5.96	5.97	5.98	6.02	6.02	6.07	6.05	6.06	6.02	6.03	6.01	6.01	6.01	6.04	6.05	5.99
150	7.11	7.09	7.09	7.08	7.09	7.10	7.15	7.17	7.23	7.21	7.19	7.15	7.13	7.08	7.10	7.10	7.16	7.17	7.10
155	8.05	8.04	8.01	8.01	8.02	8.04	8.12	8.14	8.20	8.16	8.11	8.07	8.05	7.99	7.99	7.99	8.04	8.07	7.95
160	8.66	8.66	8.64	8.65	8.69	8.74	8.81	8.83	8.86	8.81	8.76	8.73	8.70	8.65	8.63	8.61	8.61	8.64	8.53
165	9.23	9.25	9.25	9.22	9.27	9.30	9.36	9.41	9.44	9.40	9.35	9.28	9.23	9.18	9.19	9.17	9.19	9.18	9.10
170	9.66	9.67	9.68	9.68	9.68	9.70	9.74	9.74	9.74	9.69	9.64	9.60	9.59	9.57	9.59	9.60	9.61	9.54	9.52
175	9.93	9.96	10.00	10.0	10.1	10.1	10.1	10.0	9.97	9.91	9.92	9.92	9.92	9.95	9.96	9.92	9.85	9.77	9.84
180	10.1	10.1	10.1	10.1	10.2	10.2	10.1	10.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	9.99	9.99	10.1

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:CRI90 3000K	WEIGHT:1.1KG
SPEC.:RAD35R-15-30K	DIM.:	SERIAL No.:1
MFR.:	SUR.:φ55MM	Shielding Angle:

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646		
5	1542	1546	1546	1550	1549	1553	1552	1557	1552	1558	1556	1559	1557	1560	1558	1563	1560		
10	1290	1297	1293	1299	1298	1305	1303	1310	1306	1315	1310	1318	1314	1321	1317	1323	1320		
15	1018	1023	1020	1024	1023	1030	1028	1035	1033	1041	1037	1044	1042	1047	1045	1051	1047		
20	783	787	785	789	787	792	790	796	794	801	799	805	804	808	807	811	809		
25	611	614	613	616	615	620	618	623	621	626	624	629	626	630	629	632	631		
30	510	512	512	513	515	520	520	524	524	526	524	525	524	525	524	525	524		
35	429	433	431	434	436	444	444	451	449	453	449	453	451	457	456	460	459		
40	167	177	172	182	177	188	184	192	187	193	189	196	193	201	199	207	205		
45	65.6	66.4	66.6	67.7	68.1	69.2	69.1	69.6	68.8	68.6	67.7	67.8	67.2	67.6	67.3	67.7	67.6		
50	50.9	51.3	51.5	52.2	52.6	53.3	53.4	53.5	52.8	52.5	51.8	51.6	51.2	51.2	51.0	51.3	51.2		
55	40.1	40.4	40.5	41.0	41.2	41.7	41.7	41.9	41.3	41.1	40.5	40.5	40.1	40.2	40.1	40.4	40.4		
60	31.2	31.5	31.6	31.9	32.0	32.3	32.2	32.3	31.9	31.7	31.4	31.4	31.3	31.4	31.4	31.6	31.7		
65	24.8	25.0	25.1	25.3	25.3	25.5	25.4	25.4	25.1	25.0	24.9	25.0	24.9	25.0	25.1	25.3	25.4		
70	19.7	19.9	19.9	20.1	20.0	20.1	19.9	20.0	19.8	19.8	19.7	19.8	19.7	19.9	19.9	20.2	20.2		
75	12.6	12.9	12.8	13.0	12.9	13.0	12.7	12.8	12.6	12.8	12.6	12.9	12.8	13.0	13.0	13.3	13.4		
80	3.32	3.63	3.66	3.81	3.76	3.90	3.86	4.00	3.94	4.09	4.05	4.20	4.17	4.32	4.20	4.14	3.93		
85	0.52	0.56	0.58	0.61	0.61	0.63	0.62	0.64	0.63	0.65	0.64	0.66	0.66	0.67	0.65	0.63	0.60		
90	0.13	0.13	0.14	0.13	0.13	0.12	0.13	0.12	0.12	0.13	0.12	0.12	0.12	0.13	0.12	0.12	0.15		
95	0.17	0.18	0.18	0.18	0.17	0.17	0.18	0.18	0.18	0.17	0.15	0.17	0.16	0.17	0.16	0.18	0.18		
100	0.23	0.24	0.22	0.23	0.22	0.24	0.22	0.23	0.21	0.23	0.22	0.22	0.21	0.23	0.22	0.23	0.21		
105	0.32	0.32	0.30	0.32	0.31	0.31	0.30	0.31	0.30	0.31	0.29	0.30	0.28	0.31	0.30	0.30	0.29		
110	0.51	0.51	0.49	0.51	0.50	0.51	0.49	0.50	0.49	0.50	0.48	0.49	0.46	0.48	0.47	0.48	0.46		
115	0.87	0.87	0.87	0.87	0.86	0.86	0.86	0.86	0.86	0.85	0.84	0.84	0.82	0.83	0.83	0.82	0.81		
120	1.38	1.36	1.37	1.36	1.37	1.35	1.35	1.36	1.36	1.34	1.33	1.31	1.30	1.30	1.31	1.29	1.29		
125	2.02	2.01	2.02	1.99	2.00	1.99	1.99	1.99	1.99	1.97	1.96	1.94	1.93	1.91	1.93	1.93	1.91		
130	2.82	2.79	2.80	2.79	2.80	2.79	2.80	2.79	2.80	2.78	2.77	2.74	2.73	2.70	2.70	2.67	2.69		
135	3.78	3.75	3.75	3.74	3.76	3.75	3.76	3.75	3.77	3.75	3.73	3.70	3.69	3.67	3.66	3.63	3.64		
140	4.85	4.82	4.81	4.79	4.81	4.80	4.82	4.82	4.83	4.81	4.81	4.78	4.77	4.73	4.74	4.71	4.72		
145	5.98	5.95	5.94	5.88	5.90	5.90	5.92	5.94	5.97	5.94	5.92	5.87	5.87	5.83	5.85	5.86	5.85		
150	7.07	7.04	7.02	6.96	6.96	6.97	7.01	7.03	7.07	7.05	7.03	6.96	6.95	6.91	6.95	6.95	6.97		
155	7.94	7.89	7.90	7.85	7.84	7.85	7.87	7.91	7.97	7.98	7.95	7.91	7.86	7.82	7.84	7.84	7.86		
160	8.50	8.45	8.48	8.50	8.52	8.51	8.52	8.56	8.60	8.62	8.61	8.59	8.58	8.50	8.46	8.43	8.48		
165	9.10	9.07	9.05	9.06	9.06	9.08	9.13	9.18	9.24	9.27	9.24	9.20	9.13	9.08	9.03	9.01	9.05		
170	9.53	9.53	9.48	9.44	9.40	9.42	9.43	9.49	9.55	9.56	9.56	9.55	9.50	9.44	9.43	9.45	9.47		
175	9.82	9.86	9.87	9.87	9.83	9.77	9.74	9.75	9.77	9.78	9.84	9.90	9.89	9.86	9.82	9.81	9.80		
180	10.1	10.1	10.1	10.2	10.2	10.1	10.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	9.99	9.97		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks: