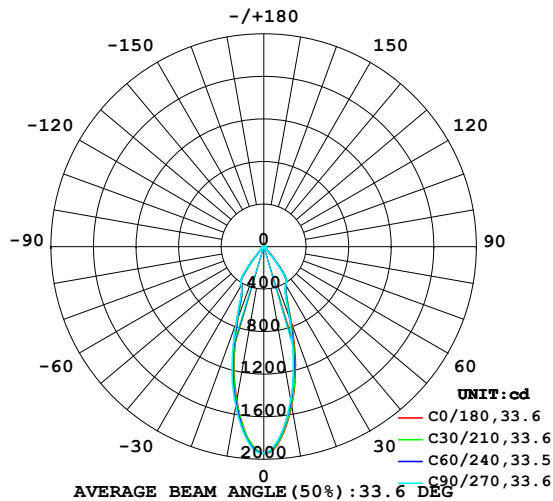


## LUMINAIRE PHOTOMETRIC TEST REPORT

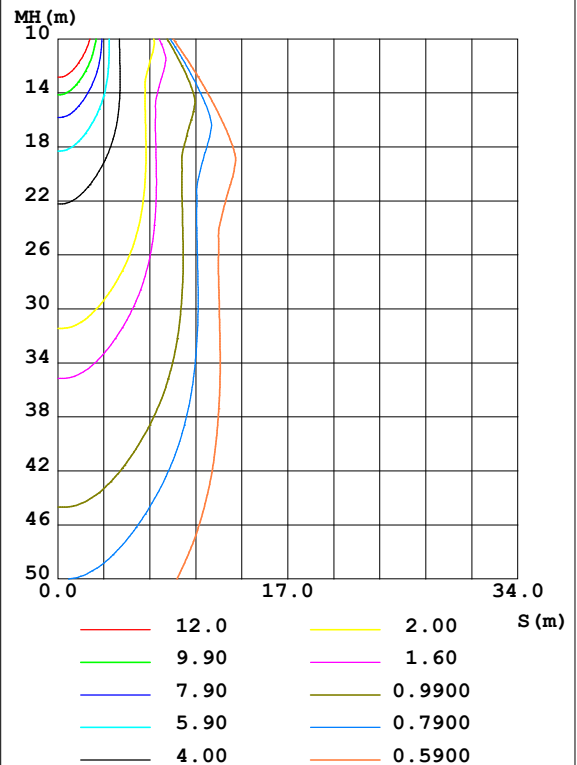
NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.13 lm/W			
MODEL		Imax(cd)	1945	S/MH(C0/180)	0.54
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1008.4	$\eta$ UP,DN(C0-180)	0.5,48.4
NOMINAL FLUX(lm)	1008.39	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.5,50.6
LAMPS INSIDE	1	$\eta$ up(%)	1.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	$\eta$ down(%)	99.0	CIBSE SHR MAX	0.50

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:2021-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.620m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1516	1487	1468	1439	1465	1487	1521	1547	0- 10	162.0	162.0	16.1,16.1
20	758.6	728.3	705.7	695.3	716.4	735.2	763.9	782.1	10- 20	304.1	466.1	46.2,46.2
30	417.9	418.4	415.0	414.2	420.1	421.2	424.3	425.8	20- 30	239.0	705.0	69.9,69.9
40	152.0	140.8	125.3	104.7	120.0	141.1	158.0	166.5	30- 40	201.3	906.3	89.9,89.9
50	30.29	29.91	28.96	28.30	29.02	29.37	29.63	30.07	40- 50	39.02	945.3	93.7,93.7
60	22.36	22.01	21.39	20.85	21.25	21.39	21.69	22.14	50- 60	22.62	968.0	96,96
70	16.23	15.95	15.40	14.82	15.12	15.10	15.40	15.96	60- 70	18.36	986.3	97.8,97.8
80	3.908	3.173	2.637	2.513	2.997	3.491	4.080	4.588	70- 80	10.74	997.1	98.9,98.9
90	0.1020	0.0918	0.0962	0.0939	0.1646	0.1720	0.1759	0.1774	80- 90	1.019	998.1	99,99
100	0.1391	0.1416	0.1529	0.1457	0.2589	0.2377	0.2300	0.2190	90-100	0.1624	998.3	99,99
110	0.3600	0.3817	0.4021	0.4028	0.5437	0.5194	0.5035	0.4891	100-110	0.3165	998.6	99,99
120	0.8253	0.8458	0.8740	0.8870	1.049	1.019	0.9918	0.9678	110-120	0.6581	999.2	99.1,99.1
130	1.680	1.715	1.761	1.788	2.014	1.960	1.921	1.876	120-130	1.195	1000	99.2,99.2
140	2.944	2.987	3.035	3.057	3.295	3.224	3.193	3.148	130-140	1.892	1002	99.4,99.4
150	4.107	4.146	4.208	4.166	4.322	4.253	4.280	4.237	140-150	2.307	1005	99.6,99.6
160	4.583	4.593	4.653	4.526	4.574	4.551	4.634	4.620	150-160	2.070	1007	99.8,99.8
170	4.469	4.472	4.430	4.351	4.369	4.357	4.459	4.460	160-170	1.283	1008	100,100
180	4.398	4.463	4.387	4.459	4.409	4.465	4.381	4.456	170-180	0.4192	1008	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 931.8 lm

%lum = 92.4%

%lamp = 92.4%

Conical surface Flux(120deg): 967.97 lm

%lum = 96.0%

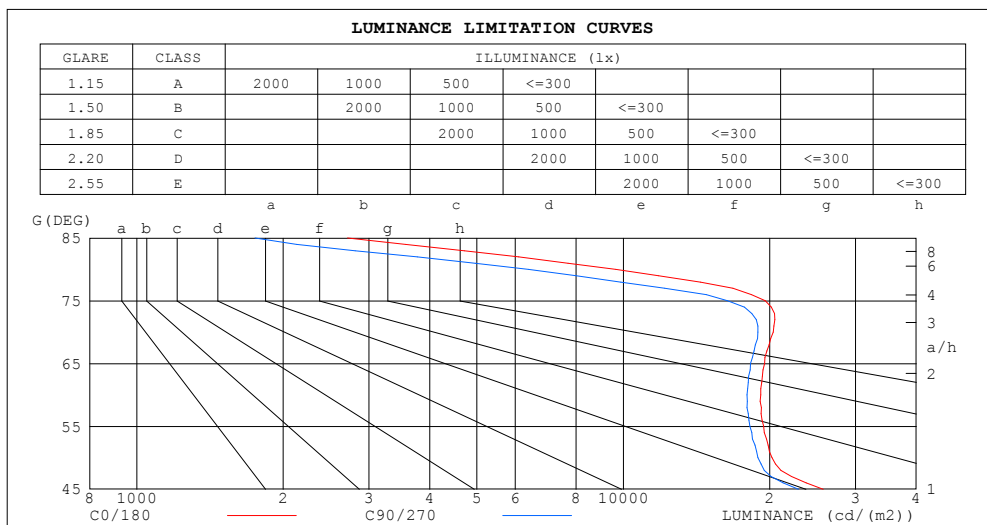
%lamp = 96.0%

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.620m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2710	1750
80	9650	6376
75	19582	16370
70	20343	18915
65	19513	18269
60	19176	17968
55	19424	18217
50	20201	18919
45	25756	22923

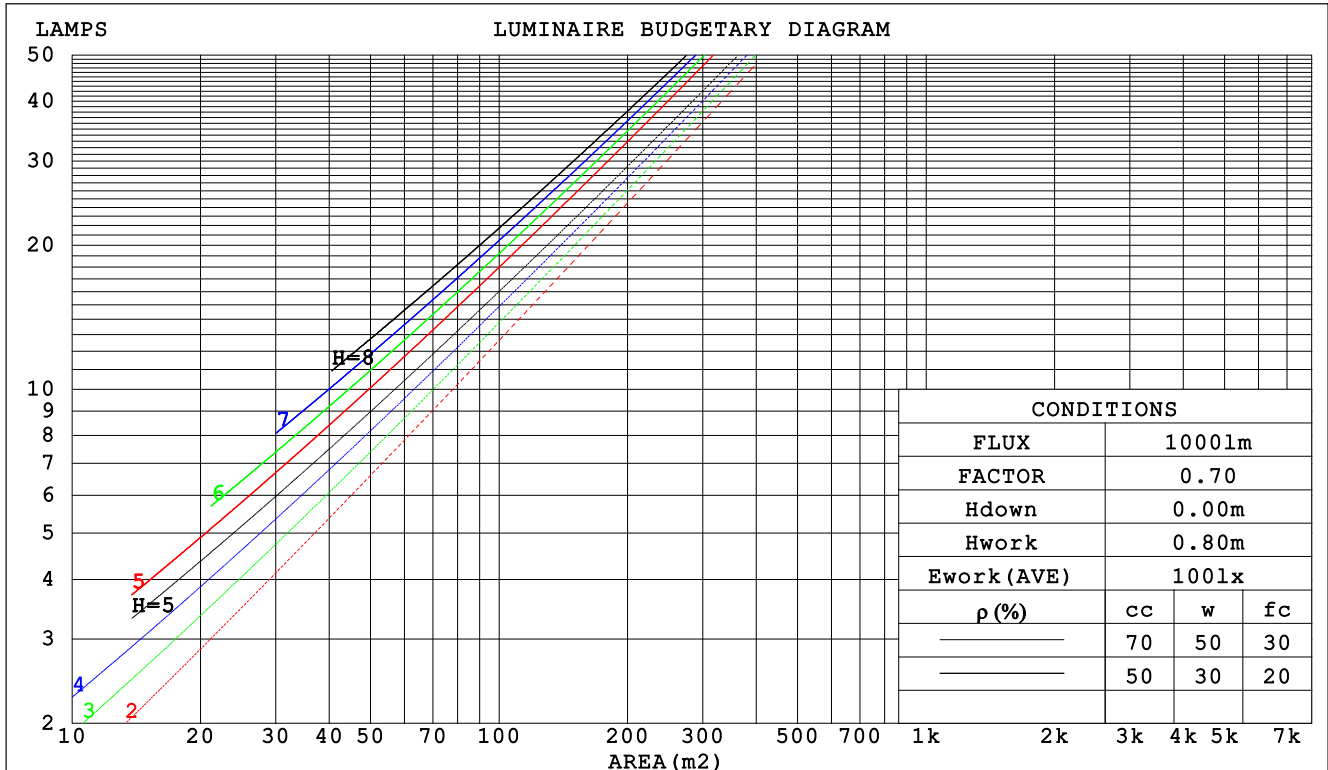
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.01	1.01	1.01	.99
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	.90	.98	.97	.96	.95	.94	.92
2.0	1.03	.98	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.91	.88	.84	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.76	.75
5.0	.84	.79	.74	.83	.78	.74	.81	.77	.73	.80	.76	.72	.78	.74	.72	.70
6.0	.79	.74	.69	.79	.73	.69	.77	.72	.69	.76	.71	.68	.74	.70	.68	.66
7.0	.75	.69	.65	.74	.69	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.62
8.0	.71	.65	.61	.71	.65	.61	.69	.65	.61	.68	.64	.61	.67	.63	.60	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.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: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:5.620m [K=1.0000]  
 Remarks:

### WEC AND CCEC

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	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	.182	.104	.033	.175	.100	.032	.162	.093	.030	.150	.086	.028	.139	.080	.026		
2.0	.173	.095	.029	.167	.092	.028	.156	.087	.027	.146	.082	.026	.136	.077	.024		
3.0	.164	.087	.026	.159	.085	.026	.149	.081	.025	.140	.077	.024	.132	.073	.023		
4.0	.155	.080	.024	.150	.079	.023	.142	.075	.022	.134	.072	.022	.127	.069	.021		
5.0	.146	.075	.022	.142	.073	.021	.135	.070	.021	.129	.068	.020	.122	.065	.020		
6.0	.139	.070	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018		
7.0	.132	.065	.018	.129	.064	.018	.123	.062	.018	.118	.060	.018	.113	.059	.017		
8.0	.126	.061	.017	.123	.061	.017	.118	.059	.017	.113	.057	.017	.109	.056	.016		
9.0	.120	.058	.016	.118	.057	.016	.113	.056	.016	.109	.055	.016	.105	.053	.015		
10.0	.115	.055	.015	.113	.054	.015	.108	.053	.015	.105	.052	.015	.101	.051	.015		

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	.198	.198	.198	.169	.169	.169	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.179	.165	.152	.153	.142	.131	.105	.097	.091	.060	.056	.053	.019	.018	.017	
2.0	.164	.140	.120	.141	.121	.104	.096	.084	.072	.056	.049	.042	.018	.016	.014	
3.0	.152	.122	.097	.130	.105	.084	.089	.073	.059	.052	.043	.035	.017	.014	.011	
4.0	.142	.107	.080	.121	.092	.070	.084	.064	.049	.048	.038	.029	.016	.012	.010	
5.0	.133	.095	.068	.114	.082	.059	.078	.058	.042	.045	.034	.025	.015	.011	.008	
6.0	.125	.086	.058	.107	.074	.050	.074	.052	.036	.043	.031	.021	.014	.010	.007	
7.0	.118	.078	.050	.102	.068	.044	.070	.048	.031	.041	.028	.019	.013	.009	.006	
8.0	.112	.072	.044	.097	.062	.039	.067	.044	.027	.039	.026	.016	.013	.008	.005	
9.0	.107	.067	.040	.092	.058	.035	.064	.041	.025	.037	.024	.015	.012	.008	.005	
10.0	.102	.062	.036	.088	.054	.031	.061	.038	.022	.036	.023	.013	.012	.007	.004	

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

NAME:					TYPE:3500K CRI90			WEIGHT:		
SPEC.:RAD35R-15-35K					DIM.:			SERIAL No.:1		
MFR.:					SUR.:55MM			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	21.6	22.5	21.8	22.7	22.9	21.3	22.3	21.6	22.4	22.6
3H	22.1	22.9	22.3	23.1	23.3	21.7	22.6	22.0	22.8	23.0
4H	22.3	23.1	22.6	23.4	23.6	22.0	22.8	22.3	23.0	23.3
6H	22.4	23.2	22.7	23.4	23.7	22.0	22.7	22.3	23.0	23.3
8H	22.4	23.1	22.7	23.4	23.7	21.9	22.7	22.3	22.9	23.2
12H	22.3	23.0	22.7	23.3	23.6	21.9	22.6	22.2	22.9	23.2
4H 2H	21.6	22.4	21.9	22.6	22.9	21.3	22.1	21.6	22.4	22.6
3H	22.3	23.0	22.6	23.2	23.5	22.0	22.7	22.3	23.0	23.3
4H	22.7	23.3	23.0	23.6	23.9	22.3	22.9	22.7	23.3	23.6
6H	22.8	23.3	23.2	23.7	24.1	22.3	22.9	22.7	23.3	23.6
8H	22.7	23.3	23.2	23.6	24.0	22.3	22.8	22.7	23.2	23.6
12H	22.7	23.2	23.1	23.6	24.0	22.2	22.7	22.7	23.1	23.5
8H 4H	22.7	23.2	23.1	23.6	24.0	22.4	22.9	22.8	23.3	23.7
6H	22.8	23.3	23.3	23.7	24.1	22.4	22.9	22.9	23.3	23.7
8H	22.8	23.2	23.3	23.6	24.1	22.4	22.8	22.8	23.2	23.7
12H	22.8	23.1	23.2	23.5	24.0	22.3	22.7	22.8	23.1	23.6
12H 4H	22.7	23.1	23.1	23.5	23.9	22.3	22.8	22.8	23.2	23.6
6H	22.8	23.2	23.3	23.6	24.1	22.4	22.8	22.8	23.2	23.7
8H	22.8	23.1	23.3	23.6	24.0	22.3	22.7	22.8	23.1	23.6
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 2.3					+ 2.4 / - 2.2				
1.5H	+ 4.7 / - 2.2					+ 4.6 / - 2.1				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 1008 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.0)

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:

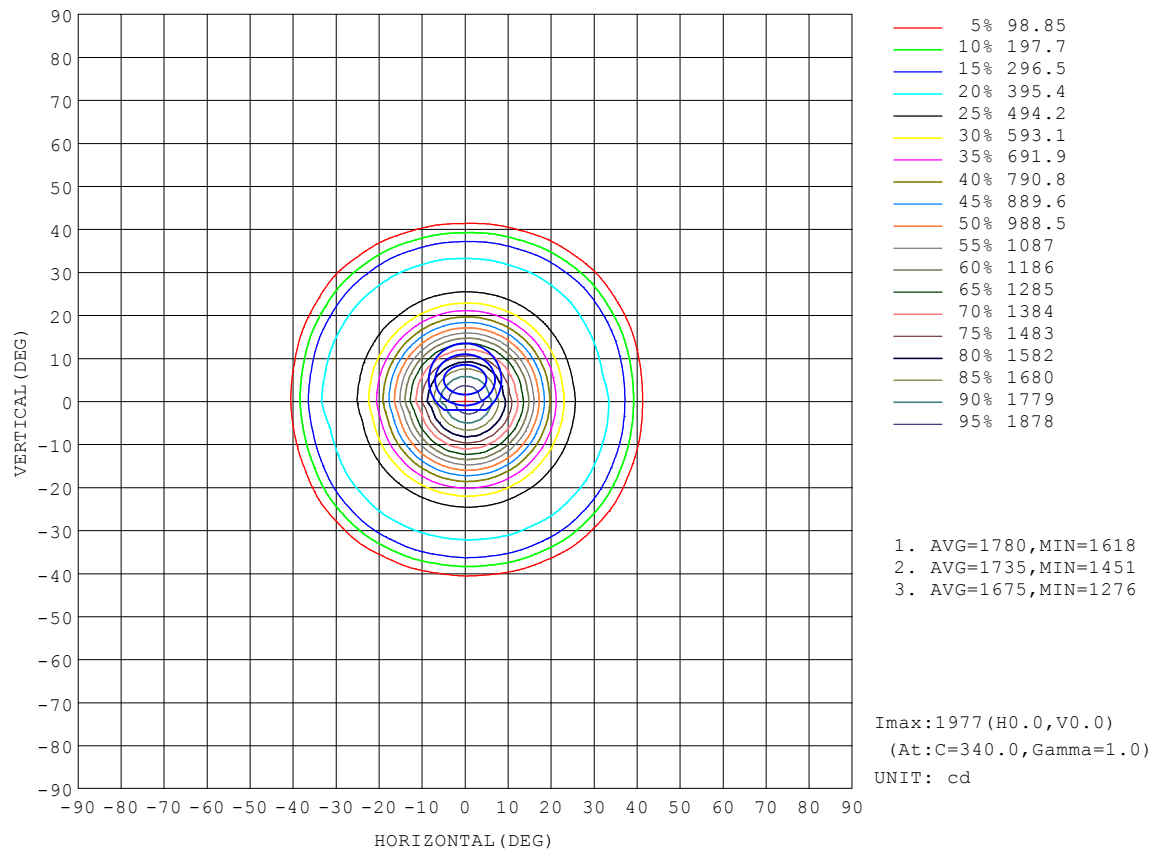
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	97	91	88	96	91	87	95	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:



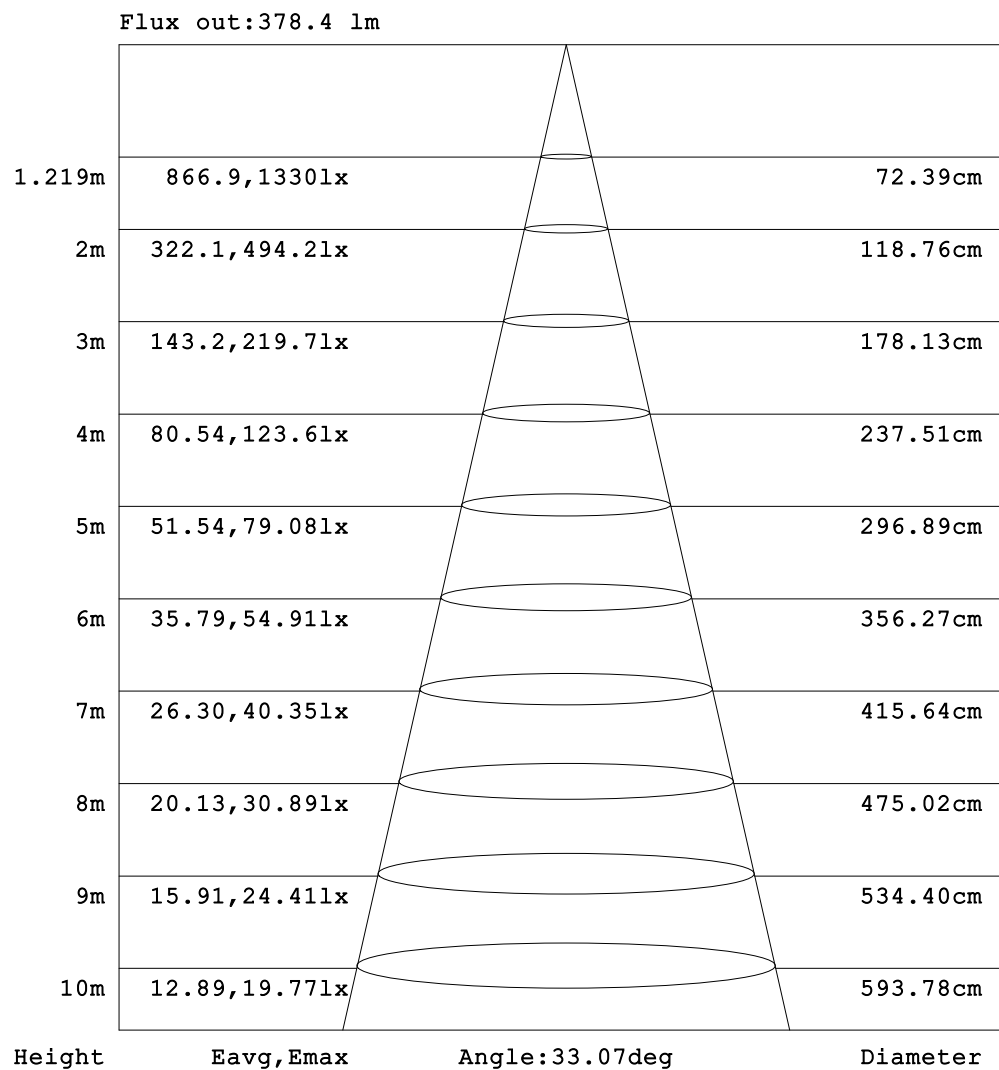
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:



## AAI Figure

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:



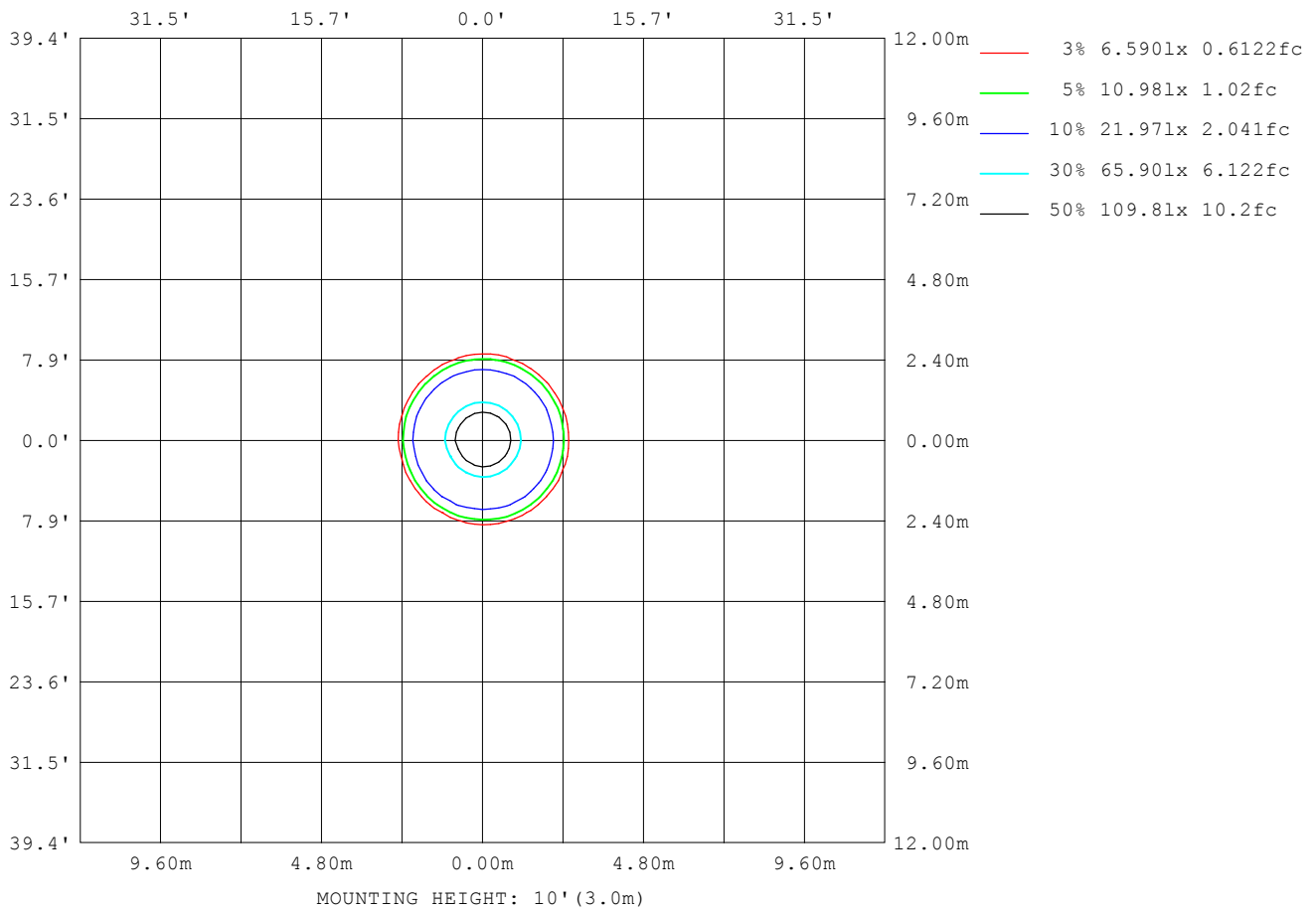
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-09-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 5.620m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:

## LED Avg.L Report

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:

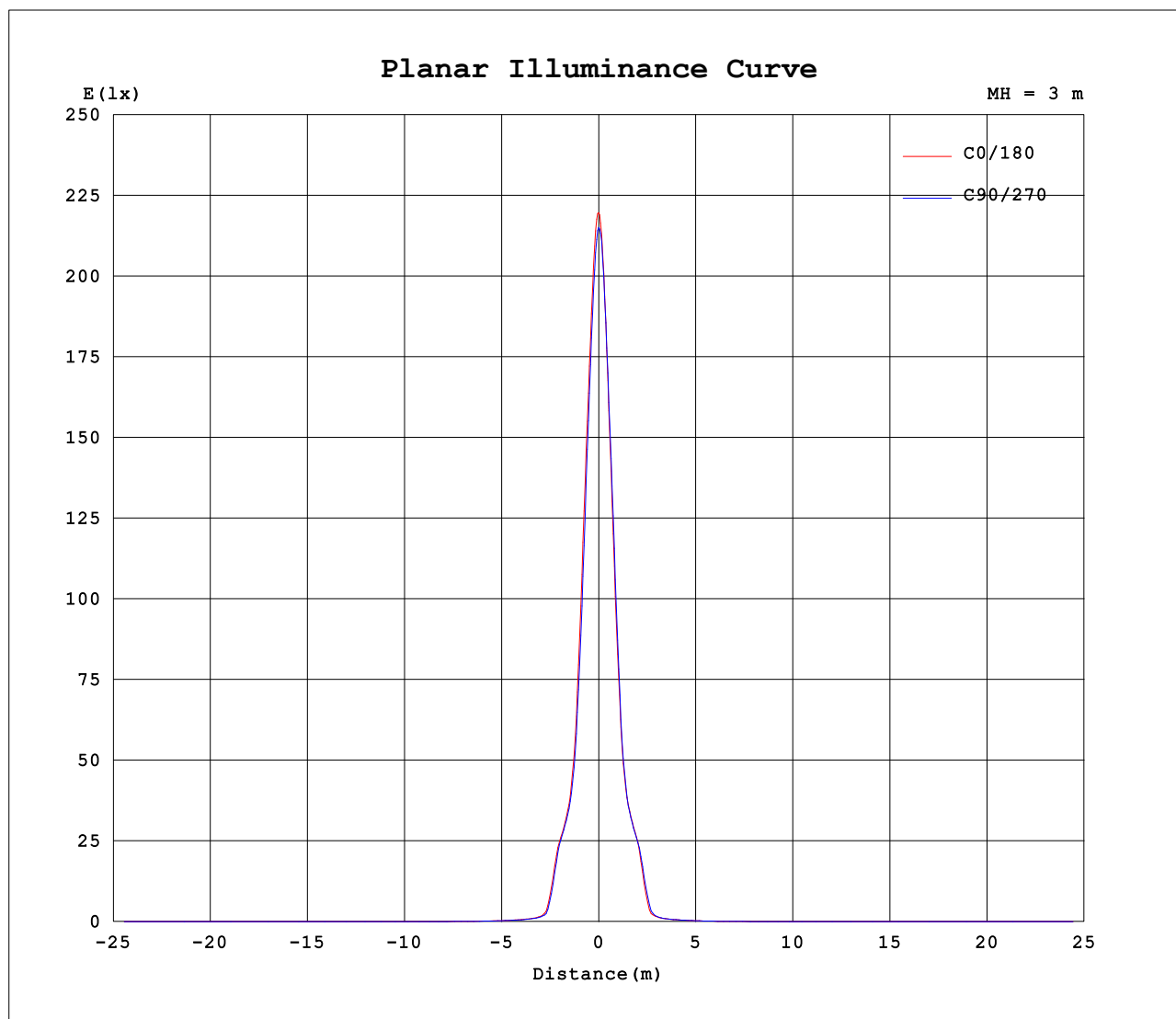
AvgL	cd/m2
L_0~180 (65) av	18643
L_0~180 (75) av	17882
L_0~180 (85) av	2355
L_90~270 (65) av	18389
L_90~270 (75) av	17332
L_90~270 (85) av	2572
L_45 (65) av	18433
L_45 (75) av	17528
L_45 (85) av	2544

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 5.620m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942
5	1815	1814	1809	1808	1799	1801	1791	1793	1784	1785	1782	1781	1776	1784	1775	1781	1779	1782	1796
10	1516	1516	1504	1503	1488	1487	1474	1478	1462	1468	1455	1455	1438	1446	1432	1441	1436	1446	1465
15	1153	1144	1132	1123	1111	1104	1093	1090	1076	1072	1063	1055	1049	1051	1047	1051	1053	1062	1081
20	759	752	744	740	730	727	717	716	707	706	700	699	694	698	693	698	697	703	716
25	507	501	503	498	497	495	489	489	484	484	479	480	476	480	477	480	477	480	488
30	418	419	419	419	418	419	417	418	416	415	415	414	415	415	414	416	415	416	420
35	371	372	370	370	367	367	360	361	354	353	348	350	342	345	339	342	338	343	353
40	152	154	148	148	141	141	132	136	124	125	113	117	104	110	98.9	107	98.2	110	120
45	42.5	42.4	41.6	41.7	41.0	40.9	40.0	39.8	38.8	38.6	37.8	37.7	37.0	37.1	36.7	37.1	36.9	37.6	39.1
50	30.3	30.3	30.2	30.2	30.0	29.9	29.6	29.4	29.1	29.0	28.7	28.6	28.3	28.4	28.2	28.3	28.3	28.4	29.0
55	26.0	26.0	25.9	25.9	25.6	25.6	25.3	25.2	25.0	24.9	24.6	24.5	24.3	24.3	24.2	24.3	24.2	24.4	24.8
60	22.4	22.4	22.2	22.2	22.0	22.0	21.7	21.7	21.5	21.4	21.2	21.2	20.9	20.9	20.8	20.9	20.8	20.8	21.3
65	19.2	19.2	19.1	19.1	18.9	18.9	18.7	18.6	18.4	18.4	18.2	18.1	17.9	17.9	17.8	17.8	17.8	17.8	18.2
70	16.2	16.3	16.2	16.1	16.0	15.9	15.7	15.7	15.5	15.4	15.2	15.1	14.9	14.9	14.7	14.8	14.7	14.8	15.1
75	11.8	11.8	11.6	11.6	11.2	11.1	10.7	10.6	10.2	10.1	9.71	9.67	9.38	9.46	9.32	9.51	9.45	9.69	10.2
80	3.91	3.79	3.50	3.47	3.21	3.14	2.89	2.84	2.63	2.64	2.50	2.55	2.45	2.54	2.49	2.61	2.59	2.75	3.00
85	0.55	0.50	0.45	0.46	0.44	0.44	0.42	0.40	0.38	0.36	0.35	0.34	0.33	0.33	0.33	0.34	0.34	0.34	0.42
90	0.10	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.10	0.09	0.10	0.09	0.10	0.09	0.10	0.16
95	0.09	0.11	0.09	0.11	0.09	0.11	0.09	0.11	0.09	0.12	0.10	0.11	0.10	0.12	0.10	0.11	0.10	0.11	0.20
100	0.14	0.14	0.12	0.14	0.14	0.15	0.13	0.15	0.14	0.15	0.14	0.15	0.14	0.15	0.14	0.16	0.14	0.15	0.26
105	0.21	0.23	0.21	0.23	0.22	0.24	0.23	0.24	0.23	0.25	0.23	0.25	0.23	0.25	0.23	0.25	0.24	0.25	0.38
110	0.36	0.37	0.37	0.38	0.38	0.39	0.38	0.40	0.38	0.40	0.39	0.41	0.40	0.41	0.40	0.41	0.40	0.41	0.54
115	0.56	0.57	0.57	0.58	0.58	0.59	0.58	0.60	0.59	0.61	0.60	0.61	0.60	0.61	0.60	0.62	0.61	0.61	0.76
120	0.83	0.83	0.83	0.84	0.84	0.85	0.86	0.86	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.89	0.89	0.88	1.05
125	1.19	1.19	1.20	1.20	1.21	1.22	1.23	1.23	1.25	1.25	1.26	1.26	1.27	1.27	1.28	1.27	1.27	1.26	1.46
130	1.68	1.68	1.70	1.69	1.72	1.71	1.73	1.74	1.76	1.76	1.78	1.78	1.79	1.78	1.79	1.78	1.79	1.77	2.01
135	2.29	2.28	2.30	2.30	2.33	2.33	2.35	2.35	2.38	2.37	2.40	2.39	2.41	2.40	2.41	2.39	2.41	2.38	2.64
140	2.94	2.95	2.96	2.96	2.98	2.99	3.01	3.02	3.04	3.04	3.06	3.05	3.06	3.05	3.06	3.04	3.05	3.03	3.29
145	3.57	3.58	3.59	3.60	3.61	3.62	3.64	3.65	3.66	3.67	3.68	3.68	3.68	3.67	3.66	3.65	3.65	3.64	3.87
150	4.11	4.12	4.11	4.12	4.14	4.15	4.17	4.20	4.21	4.21	4.21	4.19	4.18	4.17	4.16	4.15	4.14	4.14	4.32
155	4.48	4.49	4.47	4.47	4.48	4.50	4.53	4.57	4.58	4.57	4.56	4.53	4.50	4.48	4.46	4.44	4.44	4.45	4.57
160	4.58	4.60	4.57	4.57	4.58	4.60	4.63	4.67	4.67	4.65	4.63	4.61	4.56	4.54	4.51	4.50	4.50	4.48	4.57
165	4.53	4.55	4.54	4.52	4.53	4.57	4.59	4.62	4.61	4.59	4.57	4.54	4.49	4.46	4.43	4.41	4.41	4.37	4.46
170	4.47	4.50	4.49	4.49	4.47	4.47	4.48	4.48	4.45	4.43	4.40	4.37	4.35	4.35	4.35	4.36	4.34	4.30	4.37
175	4.40	4.43	4.44	4.45	4.47	4.48	4.46	4.42	4.37	4.35	4.35	4.35	4.35	4.37	4.36	4.35	4.31	4.27	4.32
180	4.40	4.41	4.41	4.44	4.46	4.47	4.42	4.39	4.38	4.39	4.38	4.40	4.42	4.46	4.45	4.42	4.38	4.37	4.41

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:3500K CRI90	WEIGHT:
SPEC.:RAD35R-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:55MM	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942		
5	1792	1801	1797	1807	1806	1815	1815	1825	1825	1832	1829	1838	1838	1845	1840	1842	1832		
10	1462	1477	1474	1488	1487	1503	1504	1521	1521	1542	1537	1548	1543	1551	1538	1546	1533		
15	1086	1096	1102	1114	1119	1132	1139	1151	1159	1174	1173	1183	1182	1186	1183	1183	1174		
20	718	724	727	733	737	746	751	761	764	772	773	778	780	784	781	783	775		
25	485	491	489	495	493	499	505	505	511	510	516	513	518	516	518	515	514		
30	419	419	420	422	421	423	423	425	424	427	424	425	426	426	423	423	420		
35	352	358	357	363	363	369	369	375	375	380	376	378	378	379	376	377	375		
40	118	130	128	144	138	147	147	158	158	167	164	168	165	168	162	167	162		
45	39.2	40.2	40.3	41.2	41.2	42.0	41.9	42.6	42.6	43.3	43.0	43.6	43.3	43.7	43.2	43.5	42.9		
50	29.0	29.2	29.2	29.4	29.4	29.5	29.4	29.6	29.6	29.8	29.8	30.0	30.0	30.1	30.0	30.2	30.2		
55	24.8	25.0	24.9	25.1	25.1	25.2	25.2	25.4	25.4	25.6	25.6	25.7	25.7	25.9	25.8	26.0	25.9		
60	21.1	21.3	21.2	21.4	21.4	21.5	21.5	21.7	21.7	21.9	21.9	22.0	22.1	22.2	22.2	22.3	22.3		
65	18.1	18.2	18.1	18.2	18.2	18.4	18.3	18.5	18.5	18.7	18.7	18.9	18.9	19.1	19.1	19.3	19.3		
70	15.0	15.1	15.0	15.1	15.1	15.2	15.2	15.4	15.4	15.6	15.7	15.8	15.9	16.0	16.1	16.3	16.3		
75	10.1	10.4	10.4	10.6	10.6	10.9	10.9	11.2	11.2	11.5	11.5	11.8	11.8	12.0	12.0	12.2	12.0		
80	2.93	3.16	3.21	3.49	3.50	3.75	3.77	4.05	4.08	4.36	4.34	4.58	4.51	4.66	4.49	4.55	4.26		
85	0.42	0.44	0.47	0.54	0.58	0.64	0.64	0.69	0.70	0.74	0.74	0.78	0.77	0.80	0.76	0.78	0.70		
90	0.16	0.16	0.16	0.16	0.18	0.16	0.16	0.16	0.18	0.17	0.18	0.17	0.18	0.17	0.18	0.17	0.17		
95	0.18	0.19	0.17	0.19	0.17	0.19	0.17	0.19	0.17	0.18	0.17	0.18	0.17	0.18	0.17	0.18	0.17		
100	0.24	0.25	0.23	0.25	0.23	0.24	0.23	0.24	0.23	0.24	0.21	0.23	0.21	0.23	0.21	0.23	0.22		
105	0.36	0.37	0.35	0.36	0.35	0.36	0.35	0.35	0.34	0.35	0.33	0.34	0.33	0.34	0.33	0.34	0.33		
110	0.53	0.53	0.52	0.53	0.51	0.52	0.51	0.51	0.50	0.51	0.49	0.50	0.48	0.49	0.48	0.49	0.49		
115	0.74	0.74	0.73	0.74	0.72	0.73	0.72	0.72	0.71	0.71	0.70	0.70	0.69	0.69	0.68	0.70	0.69		
120	1.04	1.03	1.03	1.02	1.01	1.01	1.00	1.00	0.99	0.99	0.98	0.97	0.97	0.97	0.97	0.97	0.97		
125	1.46	1.44	1.44	1.43	1.43	1.41	1.41	1.39	1.39	1.38	1.37	1.36	1.36	1.35	1.36	1.35	1.37		
130	2.01	1.98	1.98	1.96	1.96	1.94	1.94	1.92	1.92	1.90	1.90	1.87	1.88	1.87	1.88	1.87	1.89		
135	2.63	2.60	2.60	2.58	2.58	2.56	2.56	2.54	2.55	2.52	2.52	2.49	2.51	2.49	2.50	2.50	2.52		
140	3.27	3.25	3.24	3.22	3.22	3.21	3.22	3.19	3.19	3.18	3.18	3.15	3.16	3.14	3.15	3.15	3.18		
145	3.84	3.83	3.81	3.80	3.80	3.79	3.79	3.78	3.78	3.77	3.77	3.75	3.76	3.75	3.75	3.76	3.77		
150	4.29	4.28	4.25	4.25	4.25	4.26	4.26	4.27	4.28	4.28	4.26	4.25	4.24	4.23	4.24	4.25	4.27		
155	4.54	4.54	4.52	4.52	4.52	4.54	4.56	4.58	4.60	4.61	4.59	4.55	4.55	4.54	4.55	4.56	4.58		
160	4.54	4.54	4.55	4.56	4.54	4.56	4.59	4.61	4.63	4.66	4.65	4.63	4.62	4.62	4.62	4.61	4.63		
165	4.43	4.44	4.43	4.47	4.48	4.51	4.53	4.55	4.57	4.60	4.61	4.60	4.58	4.56	4.51	4.53	4.56		
170	4.35	4.37	4.36	4.36	4.35	4.38	4.39	4.43	4.46	4.49	4.50	4.49	4.47	4.45	4.46	4.47	4.48		
175	4.32	4.35	4.36	4.38	4.36	4.34	4.33	4.34	4.33	4.36	4.40	4.44	4.45	4.45	4.43	4.43	4.42		
180	4.39	4.42	4.43	4.47	4.46	4.43	4.39	4.39	4.38	4.39	4.39	4.43	4.46	4.45	4.41	4.39	4.37		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:5.620m [K=1.0000]  
Remarks: