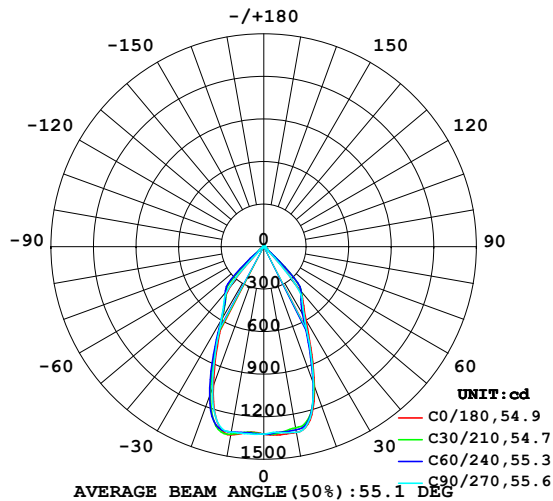


LUMINAIRE PHOTOMETRIC TEST REPORT

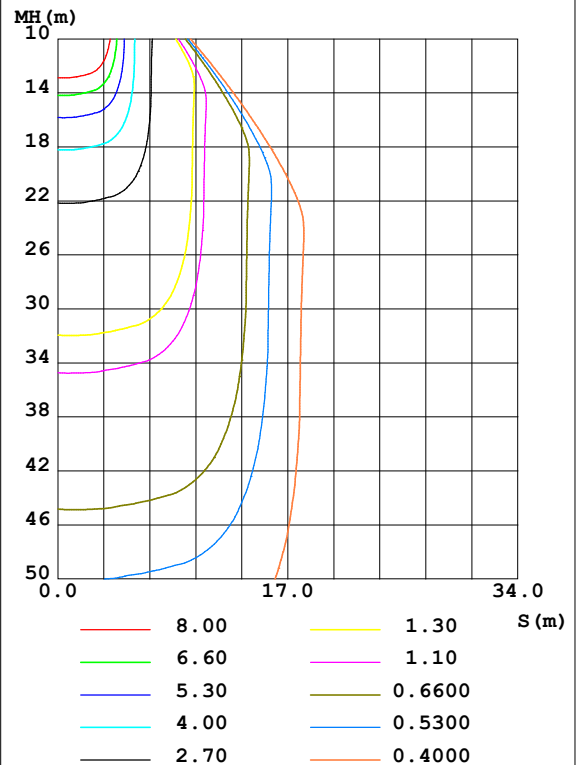
NAME:	TYPE:CRI90 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.81 lm/W			
MODEL		Imax(cd)	1356	S/MH(C0/180)	0.87
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.88
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1363.3	η UP,DN(C0-180)	0.8,48.3
NOMINAL FLUX(lm)	1363.32	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,50.2
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	98.5	CIBSE SHR MAX	0.75

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	1329	1299	1329	1332	1347	1331	1329	1330	0- 10	126.3	126.3	9.27,9.27
20	1046	1030	1025	1090	1038	1131	1061	1103	10- 20	349.9	476.2	34.9,34.9
30	595.6	552.1	575.6	570.6	586.9	599.6	605.1	582.6	20- 30	363.7	839.9	61.6,61.6
40	360.2	407.7	340.8	418.7	365.1	417.2	390.1	415.6	30- 40	300.3	1140	83.6,83.6
50	31.25	89.51	34.67	118.5	42.19	158.4	41.39	134.3	40- 50	166.2	1306	95.8,95.8
60	14.31	9.680	13.88	9.175	13.38	9.389	14.42	10.24	50- 60	22.92	1329	97.5,97.5
70	7.398	5.548	6.348	4.876	6.341	4.733	6.902	5.489	60- 70	8.478	1338	98.1,98.1
80	3.718	2.075	1.324	1.669	2.684	1.894	1.834	2.296	70- 80	4.278	1342	98.4,98.4
90	0.0494	0.0446	0.0547	0.0504	0.0689	0.0618	0.0663	0.0576	80- 90	0.6948	1343	98.5,98.5
100	0.0860	0.2011	0.1096	0.1929	0.1178	0.1638	0.0950	0.1786	90-100	0.0895	1343	98.5,98.5
110	0.5814	0.7914	0.6371	0.7844	0.5833	0.7025	0.5406	0.7458	100-110	0.3813	1343	98.5,98.5
120	1.768	1.902	1.844	1.876	1.714	1.718	1.655	1.782	110-120	1.170	1344	98.6,98.6
130	3.707	3.720	3.804	3.668	3.580	3.386	3.497	3.504	120-130	2.352	1347	98.8,98.8
140	6.257	6.037	6.326	5.963	5.979	5.578	5.892	5.720	130-140	3.667	1350	99.1,99.1
150	8.619	8.395	8.745	8.289	8.199	7.875	8.226	8.016	140-150	4.473	1355	99.4,99.4
160	10.27	10.42	10.53	10.27	9.909	9.958	10.07	10.09	150-160	4.251	1359	99.7,99.7
170	11.48	11.58	11.52	11.48	11.31	11.28	11.38	11.37	160-170	3.077	1362	99.9,99.9
180	12.02	12.08	11.96	12.07	12.02	12.08	11.96	12.07	170-180	1.111	1363	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1256.5 lm

%lum = 92.2%

%lamp = 92.2%

Conical surface Flux(120deg): 1329.3 lm

%lum = 97.5%

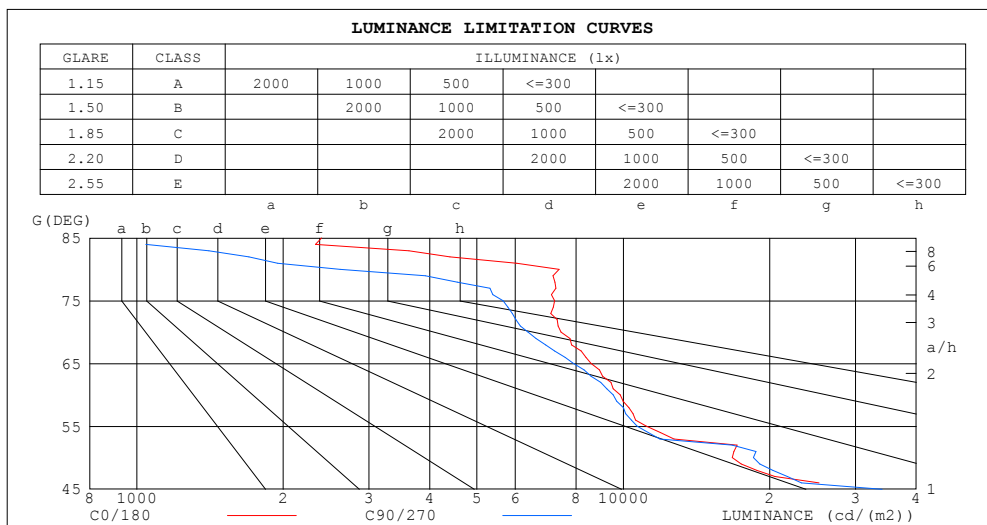
%lamp = 97.5%

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 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2398	485
80	7378	2617
75	7224	5660
70	7453	6372
65	8586	7902
60	9858	9529
55	11156	10687
50	16751	18517
45	40870	34040

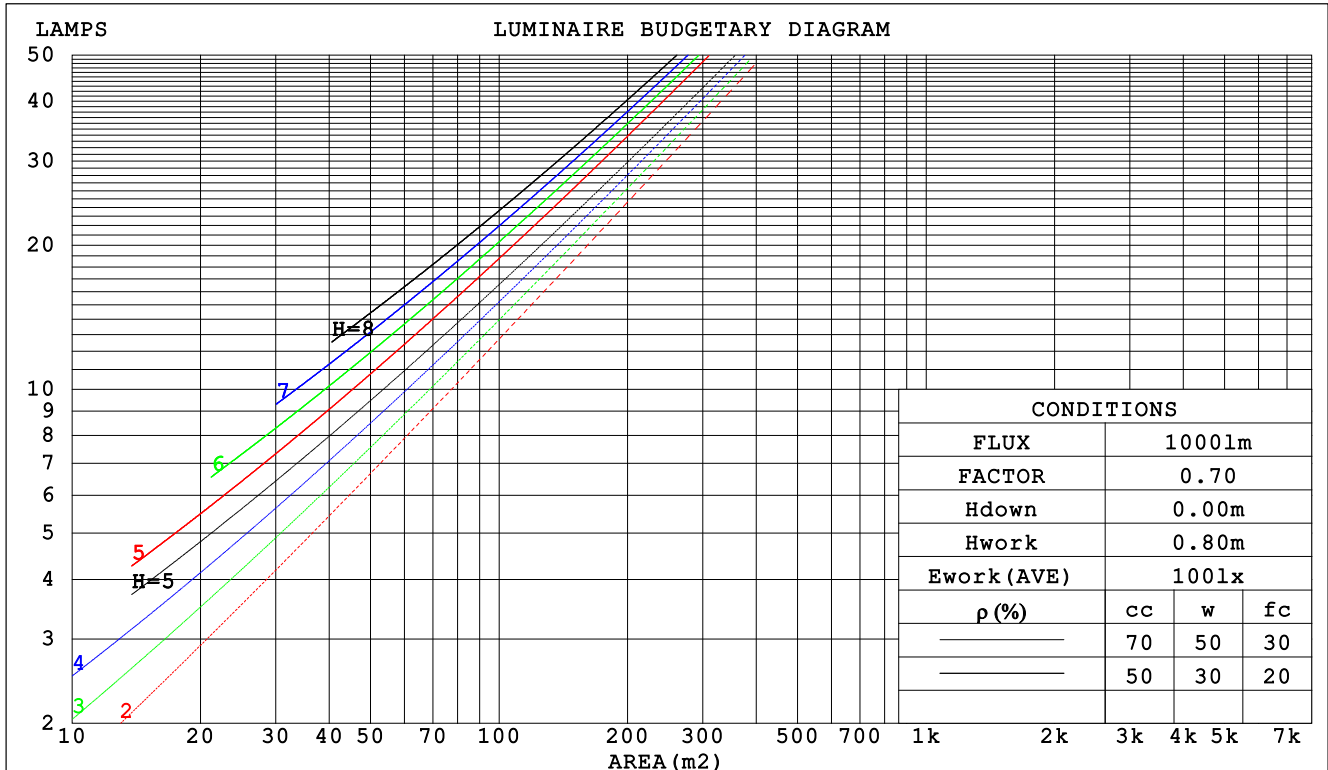
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

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 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	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	.98
1.0	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.01	.97	.94	.00	.96	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.94	.89	.84	.92	.88	.84	.90	.85	.82	.87	.84	.81	.84	.82	.79	.78
4.0	.87	.81	.77	.86	.81	.76	.84	.79	.75	.81	.77	.74	.79	.76	.73	.72
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.71	.68	.66
6.0	.76	.69	.65	.75	.69	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.61
7.0	.71	.64	.60	.70	.64	.60	.69	.63	.59	.67	.62	.59	.66	.62	.58	.57
8.0	.66	.60	.56	.66	.60	.55	.64	.59	.55	.63	.58	.55	.62	.58	.54	.53
9.0	.62	.56	.52	.62	.56	.52	.61	.55	.51	.60	.55	.51	.59	.54	.51	.50
10.0	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.56	.51	.48	.46



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 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	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	.189 .108 .034	.182 .104 .033	.168 .097 .031	.156 .090 .029	.145 .084 .027	
2.0	.182 .100 .031	.176 .097 .030	.165 .091 .028	.154 .086 .027	.144 .082 .026	
3.0	.174 .093 .028	.169 .090 .027	.159 .086 .026	.150 .082 .025	.141 .078 .024	
4.0	.166 .086 .025	.161 .084 .025	.153 .081 .024	.144 .078 .023	.137 .074 .023	
5.0	.158 .080 .023	.154 .079 .023	.146 .076 .022	.139 .073 .022	.133 .071 .021	
6.0	.151 .075 .022	.147 .074 .021	.140 .072 .021	.134 .070 .020	.128 .067 .020	
7.0	.144 .071 .020	.141 .070 .020	.134 .068 .020	.129 .066 .019	.123 .064 .019	
8.0	.137 .067 .019	.134 .066 .019	.129 .064 .018	.124 .063 .018	.119 .061 .018	
9.0	.131 .063 .018	.129 .063 .018	.124 .061 .017	.119 .060 .017	.115 .058 .017	
10.0	.126 .060 .017	.123 .060 .017	.119 .058 .016	.115 .057 .016	.111 .056 .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 .156	.157 .145 .134	.107 .100 .093	.062 .058 .054	.020 .019 .017	
2.0	.169 .144 .123	.145 .124 .106	.099 .086 .074	.057 .050 .043	.018 .016 .014	
3.0	.158 .125 .100	.135 .108 .086	.093 .075 .061	.054 .044 .036	.017 .014 .012	
4.0	.148 .111 .083	.127 .096 .072	.087 .067 .050	.051 .039 .030	.016 .013 .010	
5.0	.140 .100 .070	.120 .086 .061	.083 .060 .043	.048 .035 .025	.015 .012 .008	
6.0	.133 .090 .060	.114 .078 .052	.079 .055 .037	.046 .032 .022	.015 .011 .007	
7.0	.126 .083 .053	.109 .072 .046	.075 .050 .032	.044 .030 .019	.014 .010 .006	
8.0	.121 .077 .047	.104 .067 .041	.072 .047 .029	.042 .028 .017	.014 .009 .006	
9.0	.116 .072 .042	.100 .062 .037	.069 .044 .026	.040 .026 .016	.013 .008 .005	
10.0	.111 .068 .038	.096 .059 .034	.067 .041 .024	.039 .024 .014	.013 .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 3500K			WEIGHT:1.1KG		
SPEC.:RAD35S-15-35K					DIM.:			SERIAL No.:1		
MFR.:					SUR.:54*54MM			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	22.7	23.7	23.0	23.9	24.1	22.5	23.5	22.7	23.7	23.9
3H	22.6	23.5	22.8	23.7	23.9	22.3	23.3	22.6	23.5	23.7
4H	22.5	23.4	22.8	23.6	23.9	22.3	23.1	22.6	23.4	23.7
6H	22.4	23.2	22.8	23.5	23.8	22.2	23.0	22.5	23.3	23.6
8H	22.4	23.2	22.7	23.5	23.7	22.1	22.9	22.5	23.2	23.5
12H	22.3	23.1	22.7	23.4	23.7	22.1	22.8	22.4	23.1	23.5
4H 2H	22.4	23.3	22.7	23.6	23.8	22.2	23.1	22.5	23.4	23.6
3H	22.3	23.1	22.7	23.4	23.7	22.1	22.8	22.4	23.1	23.5
4H	22.3	22.9	22.6	23.3	23.6	22.0	22.7	22.4	23.0	23.4
6H	22.2	22.8	22.6	23.2	23.5	21.9	22.5	22.3	22.9	23.3
8H	22.2	22.7	22.6	23.1	23.5	21.9	22.4	22.3	22.8	23.2
12H	22.1	22.6	22.6	23.0	23.4	21.8	22.3	22.3	22.7	23.2
8H 4H	22.1	22.7	22.5	23.0	23.4	21.9	22.4	22.3	22.8	23.2
6H	22.1	22.5	22.5	22.9	23.4	21.8	22.3	22.3	22.7	23.1
8H	22.0	22.4	22.5	22.9	23.4	21.8	22.2	22.2	22.6	23.1
12H	22.0	22.3	22.5	22.8	23.3	21.7	22.0	22.2	22.5	23.0
12H 4H	22.1	22.6	22.5	23.0	23.4	21.8	22.3	22.3	22.7	23.2
6H	22.0	22.4	22.5	22.9	23.3	21.8	22.2	22.2	22.6	23.1
8H	22.0	22.3	22.5	22.8	23.3	21.7	22.1	22.2	22.5	23.0
Variations with the observer position at spacings:										
S = 1.0H	+ 3.1 / -10.1					+ 3.2 / -11.3				
1.5H	+ 4.0 / - 9.2					+ 4.0 / -10.7				
2.0H	+ 4.2 / - 2.9					+ 4.5 / - 3.8				

CIE Pub.117, 1363 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.1$)

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:

UTILIZATION FACTORS TABLE

NAME:	TYPE:CRI90 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	Shielding Angle:

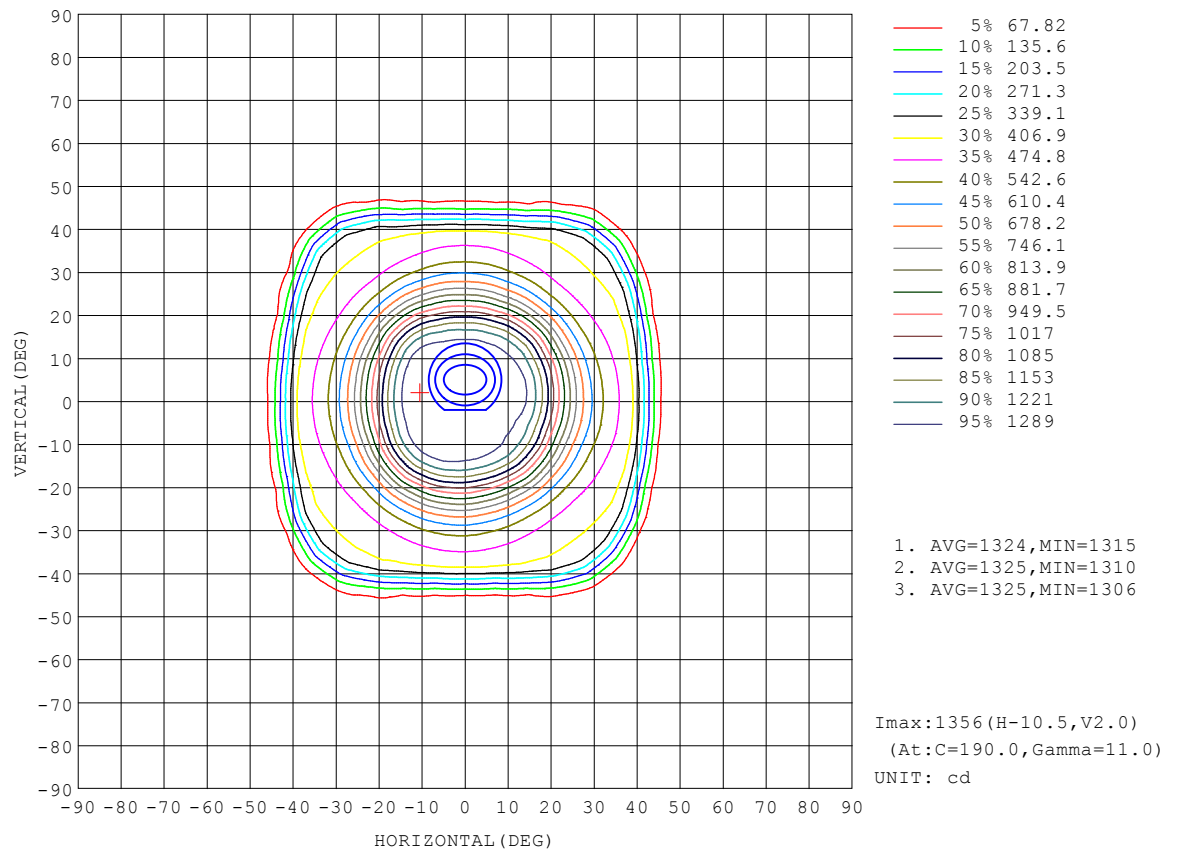
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	81	74	70	81	74	69	80	73	69	65
0.80	90	83	78	89	82	78	87	82	78	73
1.00	95	89	85	94	88	84	92	88	84	79
1.25	100	94	90	99	93	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	96
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: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:

ISOCANDELA DIAGRAM

NAME:	TYPE:CRI90 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	Shielding Angle:

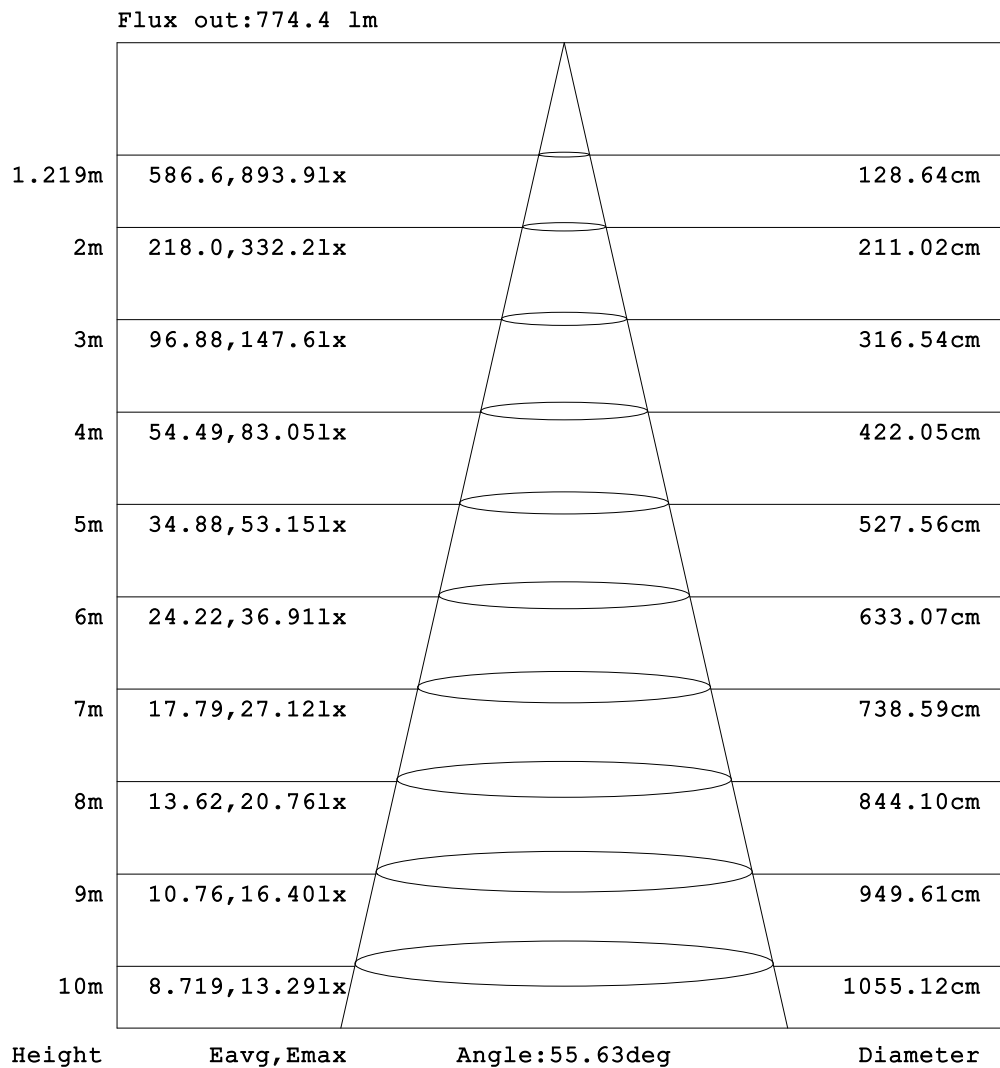


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-02-07

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 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	Shielding Angle:



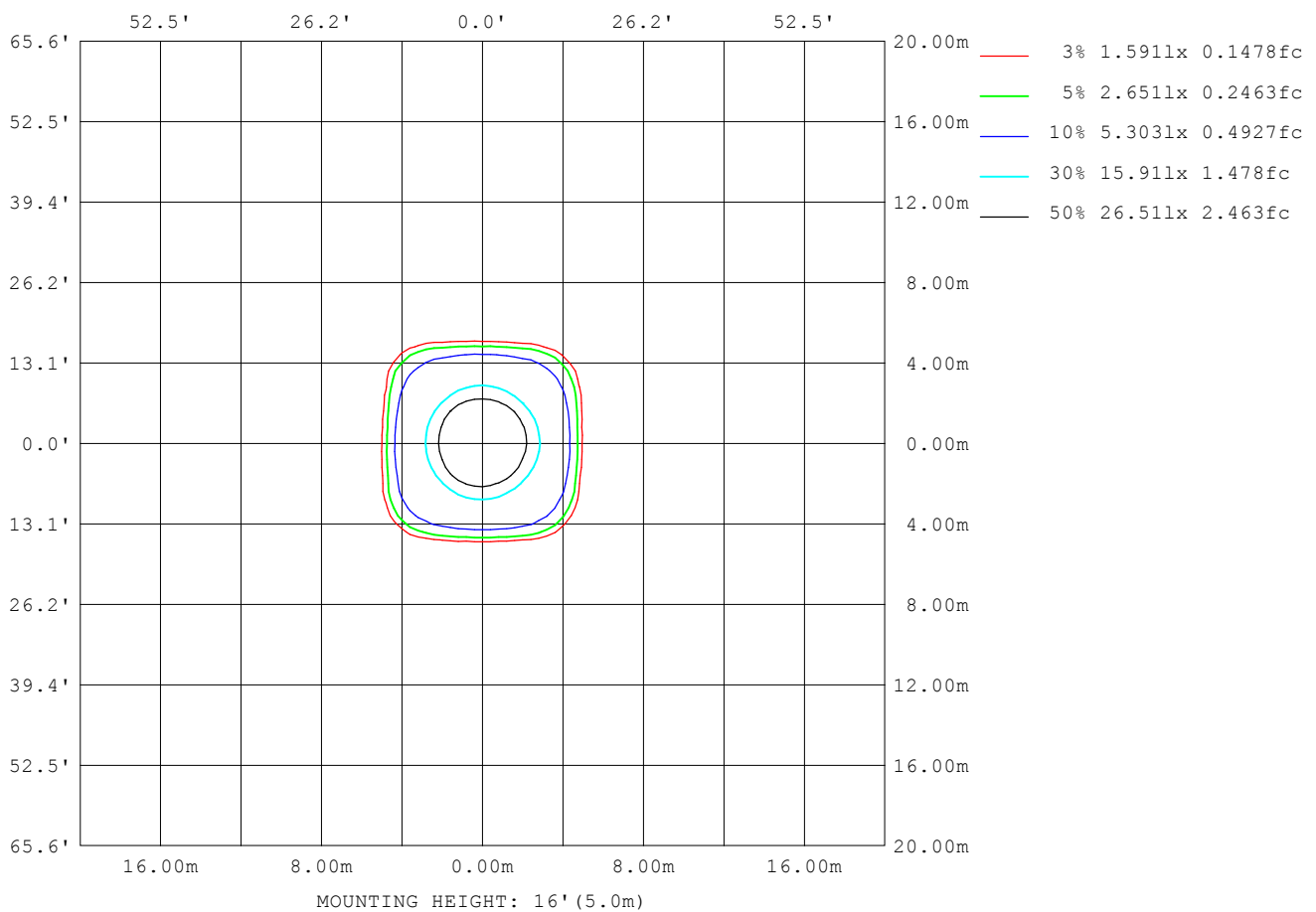
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	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 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	Shielding Angle:

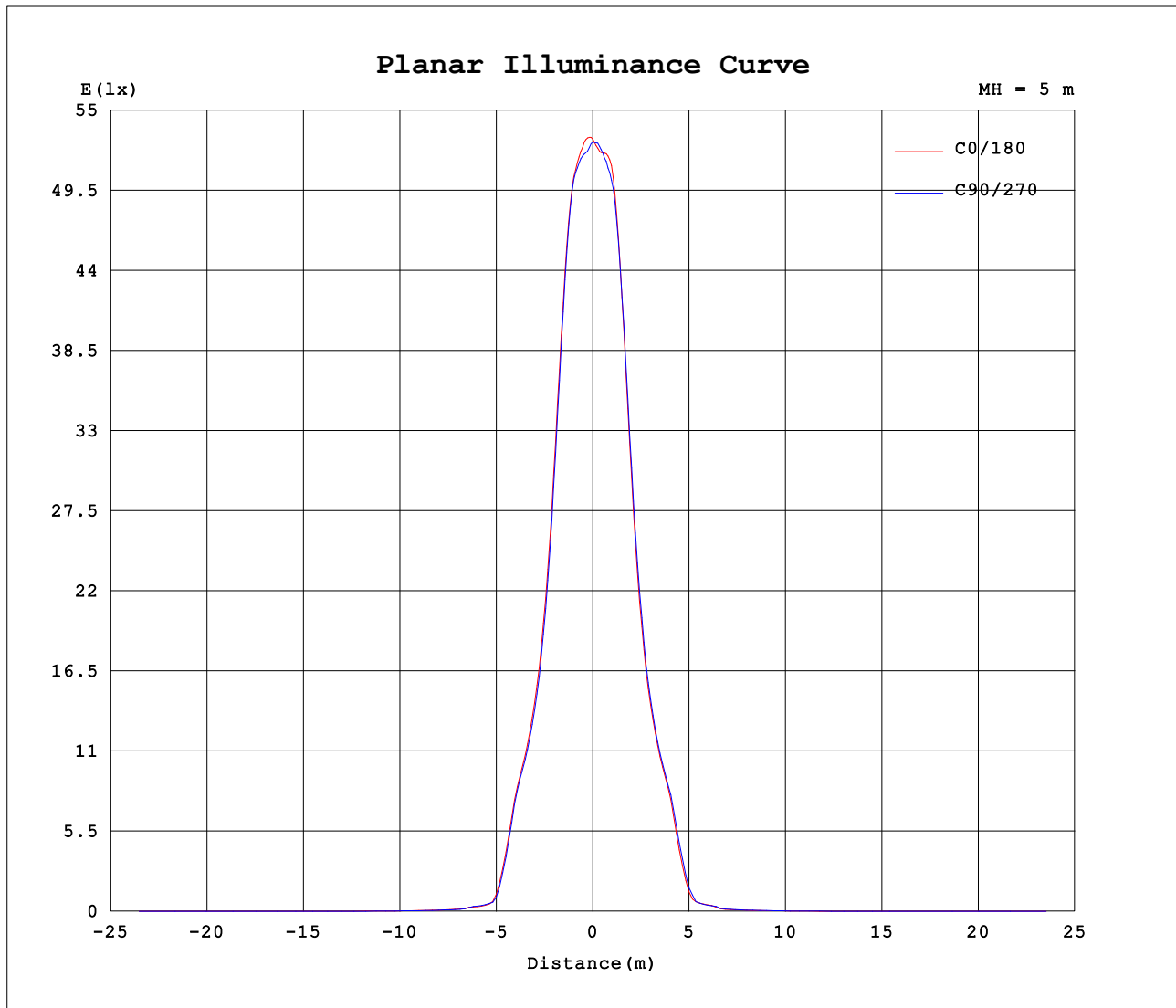
AvgL	cd/m2
L_0~180 (65) av	8136
L_0~180 (75) av	6464
L_0~180 (85) av	2527
L_90~270 (65) av	8204
L_90~270 (75) av	5659
L_90~270 (85) av	882
L_45 (65) av	5572
L_45 (75) av	5196
L_45 (85) av	1378

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 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	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	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322
5	1332	1329	1324	1317	1315	1311	1315	1315	1317	1316	1317	1315	1311	1310	1310	1307	1310	1313	1314
10	1329	1320	1302	1298	1297	1302	1311	1316	1325	1329	1332	1333	1333	1332	1331	1331	1334	1340	1347
15	1264	1253	1241	1244	1246	1251	1250	1248	1251	1255	1267	1284	1293	1301	1301	1292	1281	1278	1276
20	1046	1032	1020	1033	1030	1030	1017	1008	1011	1025	1037	1057	1072	1091	1089	1076	1053	1044	1038
25	786	778	759	759	753	753	744	744	750	764	770	781	785	796	789	783	773	778	778
30	596	590	573	565	554	551	550	557	566	576	576	576	572	573	569	574	573	583	587
35	487	485	475	467	457	454	459	466	471	475	475	472	468	464	463	468	472	479	482
40	360	375	403	413	408	407	410	398	356	341	356	400	419	419	419	419	408	382	365
45	83.9	97.7	152	260	319	323	257	148	81.9	70.1	83.5	148	255	340	356	299	179	114	96.1
50	31.2	27.7	27.6	38.2	87.3	91.7	37.8	29.2	29.2	34.7	37.1	39.9	48.6	111	126	63.2	42.9	41.3	42.2
55	18.6	17.5	15.1	21.4	24.9	24.2	21.3	14.7	16.6	17.9	17.2	14.6	24.5	35.9	38.1	25.8	14.3	16.3	17.5
60	14.3	14.0	12.3	11.2	9.80	9.56	10.8	11.8	13.3	13.9	13.7	11.8	10.6	9.07	9.28	10.4	11.4	12.9	13.4
65	10.5	10.4	9.04	8.36	7.44	7.17	7.86	8.34	9.32	9.73	9.43	8.27	7.60	6.76	6.62	7.49	8.09	9.22	9.48
70	7.40	7.22	6.32	5.95	5.63	5.47	5.41	5.50	6.04	6.35	6.14	5.44	5.02	4.92	4.83	5.06	5.35	6.14	6.34
75	5.43	5.33	4.71	4.49	4.37	4.22	3.93	3.79	4.04	4.27	4.08	3.71	3.60	3.65	3.63	3.53	3.63	4.19	4.31
80	3.72	3.72	3.17	2.54	2.13	2.02	1.90	1.56	1.31	1.32	1.22	1.31	1.50	1.70	1.64	1.81	2.23	2.68	2.68
85	0.61	0.55	0.68	0.50	0.39	0.29	0.21	0.17	0.13	0.12	0.11	0.13	0.16	0.21	0.28	0.35	0.45	0.63	0.68
90	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.07
95	0.05	0.07	0.05	0.07	0.09	0.08	0.05	0.07	0.05	0.07	0.05	0.07	0.07	0.08	0.08	0.08	0.05	0.08	0.09
100	0.09	0.11	0.12	0.18	0.19	0.21	0.18	0.14	0.12	0.11	0.10	0.14	0.17	0.20	0.18	0.17	0.12	0.11	0.12
105	0.23	0.27	0.33	0.41	0.44	0.45	0.41	0.37	0.29	0.27	0.29	0.36	0.40	0.44	0.42	0.40	0.32	0.27	0.24
110	0.58	0.63	0.69	0.76	0.78	0.80	0.78	0.74	0.67	0.64	0.66	0.72	0.77	0.79	0.78	0.75	0.68	0.61	0.58
115	1.09	1.13	1.18	1.23	1.26	1.27	1.27	1.23	1.19	1.16	1.18	1.21	1.24	1.25	1.24	1.22	1.17	1.11	1.08
120	1.77	1.79	1.84	1.86	1.90	1.91	1.92	1.89	1.88	1.84	1.85	1.86	1.89	1.88	1.87	1.84	1.83	1.77	1.71
125	2.63	2.64	2.69	2.70	2.72	2.73	2.77	2.75	2.75	2.71	2.73	2.71	2.73	2.68	2.69	2.65	2.66	2.62	2.54
130	3.71	3.72	3.75	3.73	3.72	3.72	3.78	3.80	3.83	3.80	3.80	3.76	3.73	3.67	3.67	3.65	3.68	3.66	3.58
135	4.96	4.96	4.94	4.87	4.84	4.84	4.91	4.96	5.05	5.04	5.02	4.93	4.87	4.79	4.79	4.75	4.82	4.84	4.76
140	6.26	6.25	6.20	6.08	6.03	6.05	6.13	6.22	6.33	6.33	6.30	6.19	6.09	5.99	5.94	5.93	6.02	6.05	5.98
145	7.52	7.49	7.40	7.28	7.22	7.24	7.38	7.50	7.66	7.69	7.62	7.42	7.28	7.16	7.13	7.16	7.26	7.29	7.19
150	8.62	8.56	8.47	8.37	8.36	8.43	8.60	8.70	8.79	8.74	8.64	8.48	8.37	8.28	8.30	8.32	8.39	8.40	8.20
155	9.46	9.43	9.38	9.36	9.41	9.49	9.62	9.66	9.69	9.62	9.52	9.42	9.39	9.33	9.32	9.26	9.28	9.23	9.00
160	10.3	10.3	10.3	10.3	10.4	10.5	10.6	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.2	10.1	10.1	10.1	9.91
165	11.0	11.1	11.1	11.1	11.2	11.2	11.3	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.9	10.9	10.8
170	11.5	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.5	11.5	11.4	11.4	11.4	11.3
175	11.7	11.8	11.8	11.9	11.9	12.0	12.0	11.9	11.8	11.8	11.8	11.8	11.8	11.8	11.9	11.8	11.7	11.6	11.7
180	12.0	12.0	12.0	12.0	12.1	12.1	12.0	11.9	11.9	12.0	12.0	12.0	12.0	12.1	12.1	12.0	11.9	11.9	12.0

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:CRI90 3500K	WEIGHT:1.1KG
SPEC.:RAD35S-15-35K	DIM.:	SERIAL No.:1
MFR.:	SUR.:54*54MM	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	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322	1322		
5	1318	1316	1313	1313	1315	1316	1321	1324	1325	1327	1328	1330	1334	1335	1336	1337	1337		
10	1354	1349	1344	1334	1329	1327	1323	1326	1329	1330	1328	1328	1329	1331	1337	1340	1337		
15	1283	1296	1308	1314	1311	1301	1282	1279	1275	1279	1279	1285	1284	1287	1283	1285	1277		
20	1049	1071	1095	1128	1133	1118	1085	1074	1061	1068	1072	1091	1100	1107	1087	1078	1062		
25	784	801	813	838	840	838	820	815	803	804	796	806	808	817	804	804	794		
30	588	591	593	599	600	607	604	609	605	603	590	590	581	585	586	593	595		
35	482	478	473	473	472	480	485	494	494	492	482	475	466	467	473	482	486		
40	375	408	415	417	418	424	416	406	390	403	416	423	417	414	417	411	376		
45	106	169	280	371	374	329	213	145	116	138	197	308	362	357	288	178	102		
50	39.8	39.2	51.1	151	166	79.1	39.0	38.1	41.4	38.8	39.8	61.8	137	132	65.4	32.5	29.7		
55	16.8	14.4	24.2	32.6	34.2	27.2	14.8	17.3	19.4	17.8	15.1	26.1	32.3	32.1	25.6	15.1	17.5		
60	13.2	11.6	10.5	9.27	9.51	10.5	11.6	13.6	14.4	14.1	12.2	11.3	10.1	10.4	11.1	12.2	13.9		
65	9.35	8.32	7.61	6.70	6.38	7.54	8.30	9.83	10.5	10.3	8.88	8.30	7.36	7.30	8.22	8.97	10.2		
70	6.16	5.49	5.10	4.81	4.66	5.02	5.45	6.45	6.90	6.79	5.91	5.61	5.50	5.48	5.85	6.23	7.08		
75	4.21	3.72	3.51	3.54	3.49	3.51	3.58	4.09	4.26	4.27	3.88	3.92	4.09	4.27	4.34	4.61	5.23		
80	2.66	2.41	2.07	1.87	1.91	1.88	1.82	1.82	1.83	1.86	1.91	2.07	2.23	2.36	2.65	3.26	3.68		
85	0.69	0.58	0.44	0.40	0.35	0.33	0.31	0.32	0.32	0.33	0.33	0.36	0.40	0.49	0.56	0.76	0.94		
90	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07		
95	0.09	0.08	0.07	0.09	0.07	0.08	0.07	0.08	0.07	0.08	0.07	0.08	0.08	0.09	0.08	0.09	0.08		
100	0.11	0.13	0.14	0.17	0.16	0.15	0.10	0.12	0.09	0.11	0.12	0.16	0.17	0.19	0.16	0.15	0.13		
105	0.24	0.30	0.34	0.38	0.37	0.36	0.29	0.25	0.22	0.25	0.29	0.37	0.40	0.42	0.40	0.35	0.27		
110	0.58	0.64	0.68	0.70	0.70	0.69	0.63	0.58	0.54	0.57	0.63	0.71	0.74	0.76	0.73	0.69	0.64		
115	1.07	1.10	1.13	1.14	1.14	1.12	1.08	1.05	1.02	1.05	1.11	1.16	1.19	1.20	1.19	1.16	1.12		
120	1.71	1.70	1.73	1.72	1.72	1.70	1.69	1.65	1.65	1.67	1.72	1.75	1.78	1.78	1.79	1.77	1.76		
125	2.54	2.51	2.50	2.46	2.47	2.46	2.48	2.46	2.47	2.48	2.52	2.53	2.56	2.55	2.58	2.57	2.58		
130	3.56	3.49	3.44	3.38	3.39	3.41	3.46	3.48	3.50	3.50	3.53	3.51	3.51	3.50	3.55	3.58	3.64		
135	4.72	4.62	4.53	4.44	4.44	4.48	4.56	4.62	4.68	4.68	4.66	4.58	4.57	4.58	4.64	4.74	4.84		
140	5.94	5.80	5.69	5.58	5.58	5.63	5.74	5.81	5.89	5.88	5.84	5.75	5.72	5.72	5.81	5.95	6.10		
145	7.14	7.02	6.90	6.75	6.74	6.80	6.93	7.03	7.15	7.13	7.09	6.95	6.89	6.88	6.98	7.14	7.29		
150	8.21	8.13	8.05	7.90	7.85	7.87	7.97	8.09	8.23	8.27	8.24	8.12	8.04	7.99	8.07	8.18	8.33		
155	9.04	9.02	9.02	8.95	8.90	8.89	8.90	8.98	9.09	9.16	9.17	9.16	9.09	9.05	9.06	9.09	9.19		
160	9.89	9.86	9.91	9.94	9.98	9.97	9.97	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.0	10.0	10.1		
165	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.9	11.0	11.0	11.0	11.0	10.9	10.9	10.8	10.8	10.8		
170	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.3		
175	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.7	11.7	11.8	11.8	11.8	11.7	11.7	11.7		
180	12.0	12.0	12.0	12.1	12.1	12.0	11.9	11.9	12.0	12.0	12.0	12.0	12.1	12.1	12.0	11.9	11.9		

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: