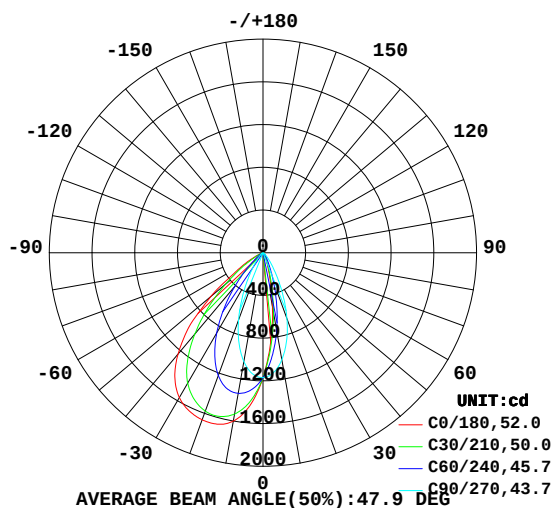


LUMINAIRE PHOTOMETRIC TEST REPORT

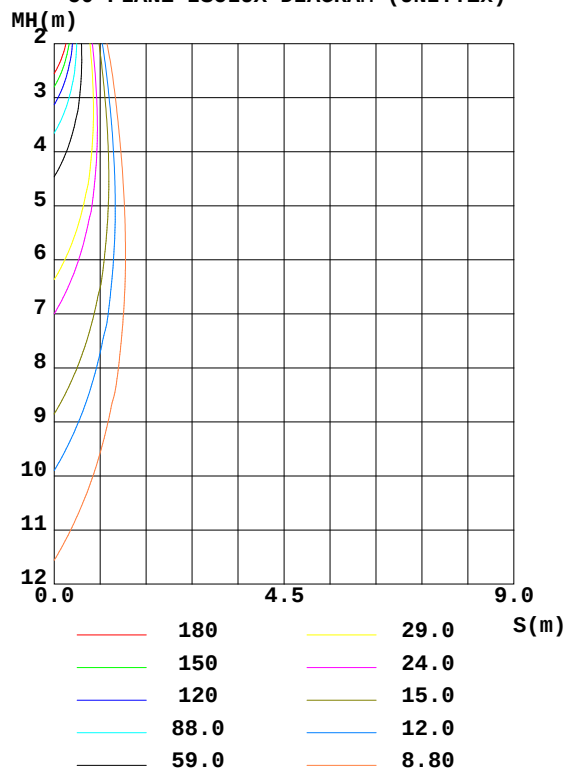
NAME: VM060-VF65SF01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.31 lm/W			
MODEL	BXRE-30G1000-C-7X	Imax(cd)	1676	S/MH(C0/180)	1.49
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.70
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1298.8	η UP, DN(C0-180)	1.3, 43.4
NOMINAL FLUX(lm)	1298.84	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.1, 54.1
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

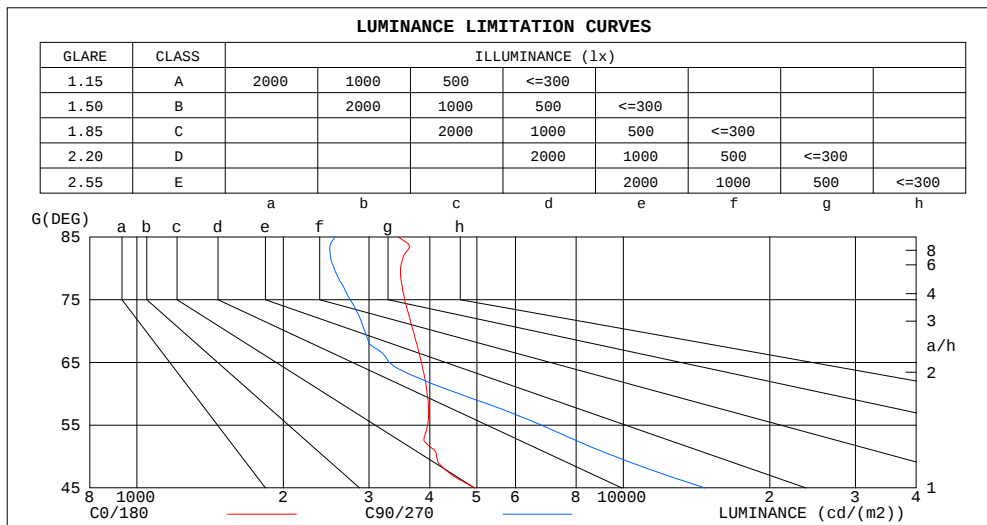
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	510.7	644.6	1017	1462	1600	1444	1035	639.6	0- 10	105.4	105.4	8.12, 8.12
20	123.9	201.5	657.0	1447	1665	1434	670.4	199.7	10- 20	257.3	362.8	27.9, 27.9
30	39.08	63.04	272.8	1174	1566	1168	280.9	63.19	20- 30	315.0	677.8	52.2, 52.2
40	21.92	30.22	88.15	696.2	1237	704.4	88.33	30.26	30- 40	292.7	970.5	74.7, 74.7
50	12.22	17.54	28.53	247.8	636.0	250.2	28.14	17.61	40- 50	195.0	1166	89.7, 89.7
60	9.082	9.019	10.61	50.97	157.9	52.13	10.65	9.078	50- 60	77.30	1243	95.7, 95.7
70	5.814	5.582	4.641	6.688	10.21	6.958	4.726	5.531	60- 70	19.20	1262	97.2, 97.2
80	2.781	2.544	2.040	1.987	1.959	1.919	2.128	2.433	70- 80	3.985	1266	97.5, 97.5
90	0.8907	0.5725	0.3243	0.2732	0.2218	0.2360	0.2912	0.5421	80- 90	1.299	1267	97.6, 97.6
100	2.641	1.530	0.4761	0.3451	0.2877	0.2968	0.4568	1.529	90-100	0.6993	1268	97.6, 97.6
110	5.640	3.624	1.029	0.4728	0.3822	0.4213	0.9625	3.644	100-110	1.514	1270	97.7, 97.7
120	9.456	6.747	2.439	0.7664	0.5515	0.7179	2.280	6.793	110-120	2.794	1272	98, 98
130	13.13	10.26	4.873	1.661	1.049	1.625	4.677	10.39	120-130	4.292	1277	98.3, 98.3
140	15.42	13.17	7.991	3.712	2.506	3.644	7.818	13.42	130-140	5.558	1282	98.7, 98.7
150	15.55	14.80	11.07	6.842	5.253	6.725	10.94	15.09	140-150	6.043	1288	99.2, 99.2
160	14.96	15.28	13.38	10.35	8.852	10.16	13.33	15.57	150-160	5.440	1294	99.6, 99.6
170	14.88	15.12	14.55	13.18	12.21	12.96	14.57	15.47	160-170	3.810	1297	99.9, 99.9
180	14.38	14.82	15.10	15.13	14.40	14.80	15.12	15.11	170-180	1.381	1299	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



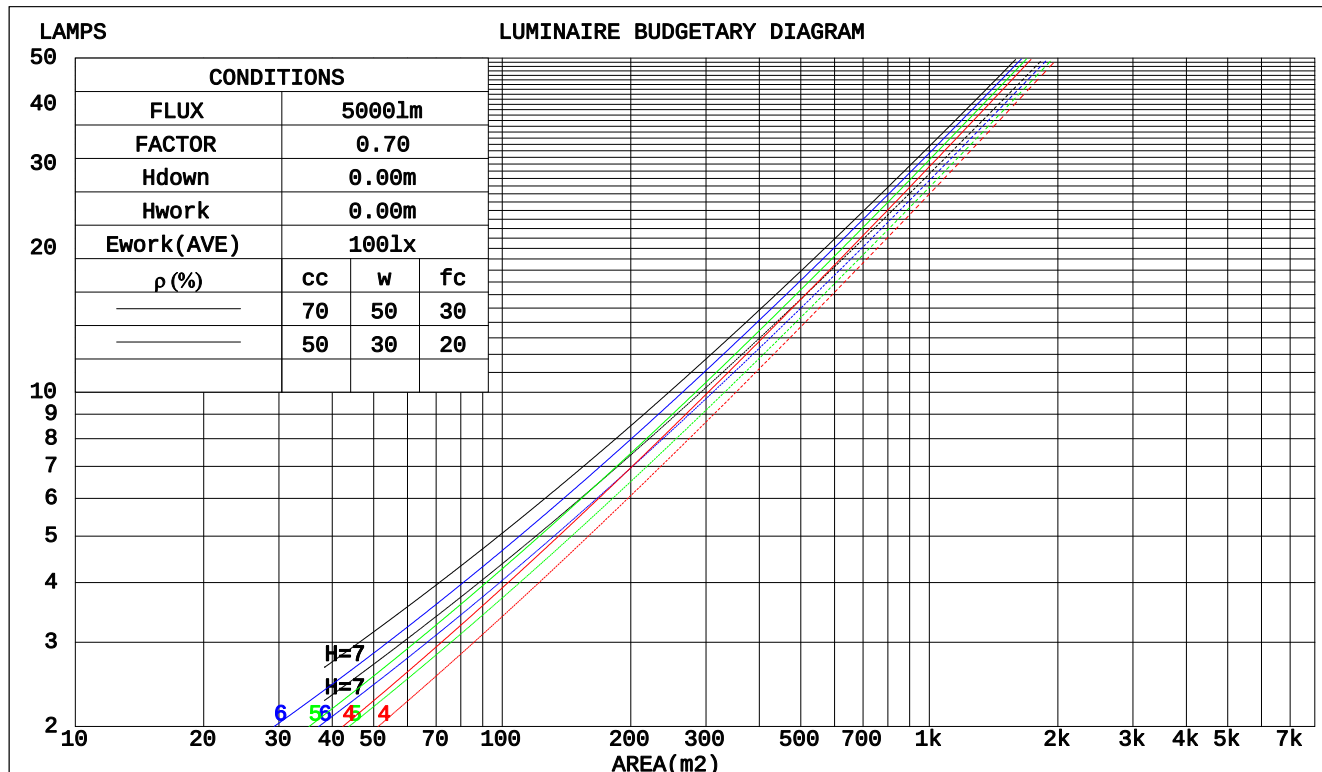
LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3442	2554
80	3484	2545
75	3552	2744
70	3698	2939
65	3845	3298
60	3951	4596
55	3960	6782
50	4135	9614
45	4955	14723

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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															Coefficients of Utilization(CU)														
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98														
1.0	1.09	1.06	1.03	1.06	1.04	1.02	1.02	.00	.98	.98	.96	.95	.94	.93	.91	.89														
2.0	.00	.95	.91	.98	.93	.90	.94	.90	.87	.91	.88	.85	.87	.85	.83	.81														
3.0	.91	.86	.81	.90	.84	.80	.87	.82	.78	.84	.80	.77	.81	.78	.75	.74														
4.0	.84	.78	.73	.83	.77	.72	.80	.75	.71	.78	.73	.70	.75	.72	.69	.67														
5.0	.77	.71	.66	.76	.70	.65	.74	.69	.64	.72	.67	.64	.70	.66	.63	.61														
6.0	.72	.65	.60	.71	.64	.59	.69	.63	.59	.67	.62	.58	.65	.61	.58	.56														
7.0	.66	.60	.55	.66	.59	.54	.64	.58	.54	.63	.57	.54	.61	.57	.53	.51														
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.58	.53	.49	.57	.53	.49	.47														
9.0	.58	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44														
10.0	.54	.48	.43	.54	.47	.43	.52	.47	.43	.52	.46	.43	.51	.46	.42	.41														



```

Range: 0 - 180DEG
Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

```

WEC AND CCEC

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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 Coeffcients(WEC)										
0.0																	
1.0	.204	.116	.037	.197	.112	.036	.183	.105	.033	.170	.098	.031	.158	.091	.029		
2.0	.198	.109	.033	.192	.106	.033	.180	.100	.031	.168	.094	.030	.158	.089	.028		
3.0	.190	.101	.030	.184	.099	.030	.173	.094	.029	.164	.090	.028	.155	.086	.026		
4.0	.181	.094	.028	.176	.092	.027	.166	.088	.026	.158	.085	.026	.150	.081	.025		
5.0	.172	.087	.025	.167	.086	.025	.159	.083	.024	.151	.080	.024	.144	.077	.023		
6.0	.163	.082	.023	.159	.080	.023	.152	.078	.023	.145	.075	.022	.139	.073	.022		
7.0	.155	.077	.022	.152	.076	.022	.145	.073	.021	.139	.071	.021	.133	.069	.020		
8.0	.148	.072	.020	.144	.071	.020	.139	.069	.020	.133	.067	.019	.128	.066	.019		
9.0	.141	.068	.019	.138	.067	.019	.132	.065	.019	.127	.064	.018	.123	.062	.018		
10.0	.134	.064	.018	.132	.064	.018	.127	.062	.017	.122	.061	.017	.118	.059	.017		

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.192	.176	.161	.164	.151	.139	.112	.104	.096	.065	.060	.056	.021	.019	.018		
2.0	.179	.151	.128	.153	.130	.111	.105	.090	.077	.060	.052	.045	.019	.017	.015		
3.0	.168	.133	.105	.144	.114	.091	.099	.079	.064	.057	.046	.037	.018	.015	.012		
4.0	.159	.118	.087	.136	.102	.076	.094	.071	.054	.054	.042	.032	.017	.014	.010		
5.0	.151	.107	.075	.130	.093	.065	.089	.065	.046	.052	.038	.027	.017	.012	.009		
6.0	.144	.098	.065	.124	.085	.057	.086	.060	.040	.050	.035	.024	.016	.011	.008		
7.0	.138	.091	.058	.119	.079	.051	.082	.055	.036	.048	.033	.021	.015	.011	.007		
8.0	.132	.085	.053	.114	.074	.046	.079	.052	.033	.046	.031	.019	.015	.010	.006		
9.0	.127	.080	.048	.110	.070	.042	.076	.049	.030	.044	.029	.018	.014	.009	.006		
10.0	.123	.076	.045	.106	.066	.039	.073	.046	.028	.043	.027	.017	.014	.009	.006		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: VM060-VF65SF01-15W						TYPE:indoor lights			WEIGHT:1		
SPEC.:3000K-CRI90-55D						DIM.:			SERIAL No.:		
MFR.:						SUR.:			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	7.1	8.2	7.3	8.4	8.6	11.0	12.1	11.2	12.3	12.5	
3H	8.3	9.3	8.6	9.6	9.9	11.2	12.2	11.5	12.4	12.7	
4H	8.9	9.9	9.2	10.1	10.4	11.3	12.2	11.6	12.5	12.8	
6H	9.4	10.3	9.7	10.6	10.9	11.4	12.3	11.7	12.6	12.9	
8H	9.6	10.4	9.9	10.7	11.1	11.4	12.3	11.8	12.6	12.9	
12H	9.7	10.6	10.1	10.9	11.2	11.4	12.2	11.8	12.5	12.9	
4H 2H	7.6	8.5	7.9	8.8	9.1	10.9	11.9	11.3	12.1	12.4	
3H	9.1	9.9	9.4	10.2	10.5	11.3	12.1	11.7	12.4	12.8	
4H	9.8	10.5	10.2	10.9	11.2	11.5	12.3	11.9	12.6	13.0	
6H	10.4	11.0	10.8	11.4	11.8	11.7	12.4	12.1	12.7	13.1	
8H	10.7	11.3	11.1	11.7	12.1	11.8	12.4	12.2	12.8	13.2	
12H	10.9	11.4	11.3	11.8	12.3	11.8	12.4	12.3	12.8	13.2	
8H 4H	10.0	10.6	10.4	11.0	11.4	11.6	12.2	12.0	12.6	13.0	
6H	10.8	11.3	11.2	11.7	12.2	11.9	12.4	12.4	12.8	13.3	
8H	11.1	11.6	11.6	12.0	12.5	12.0	12.5	12.5	12.9	13.4	
12H	11.5	11.8	12.0	12.3	12.8	12.1	12.5	12.7	13.0	13.5	
12H 4H	10.0	10.5	10.4	10.9	11.4	11.6	12.1	12.0	12.6	13.0	
6H	10.8	11.2	11.3	11.7	12.2	11.9	12.4	12.4	12.8	13.3	
8H	11.2	11.6	11.7	12.1	12.6	12.1	12.5	12.6	12.9	13.5	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 3.0 / - 1.6					
1.5H	+ 0.3 / - 0.4					+ 4.5 / - 1.9					
2.0H	+ 0.2 / - 0.3					+ 3.4 / - 1.5					

CIE Pub.117, 1299 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.9$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-11

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

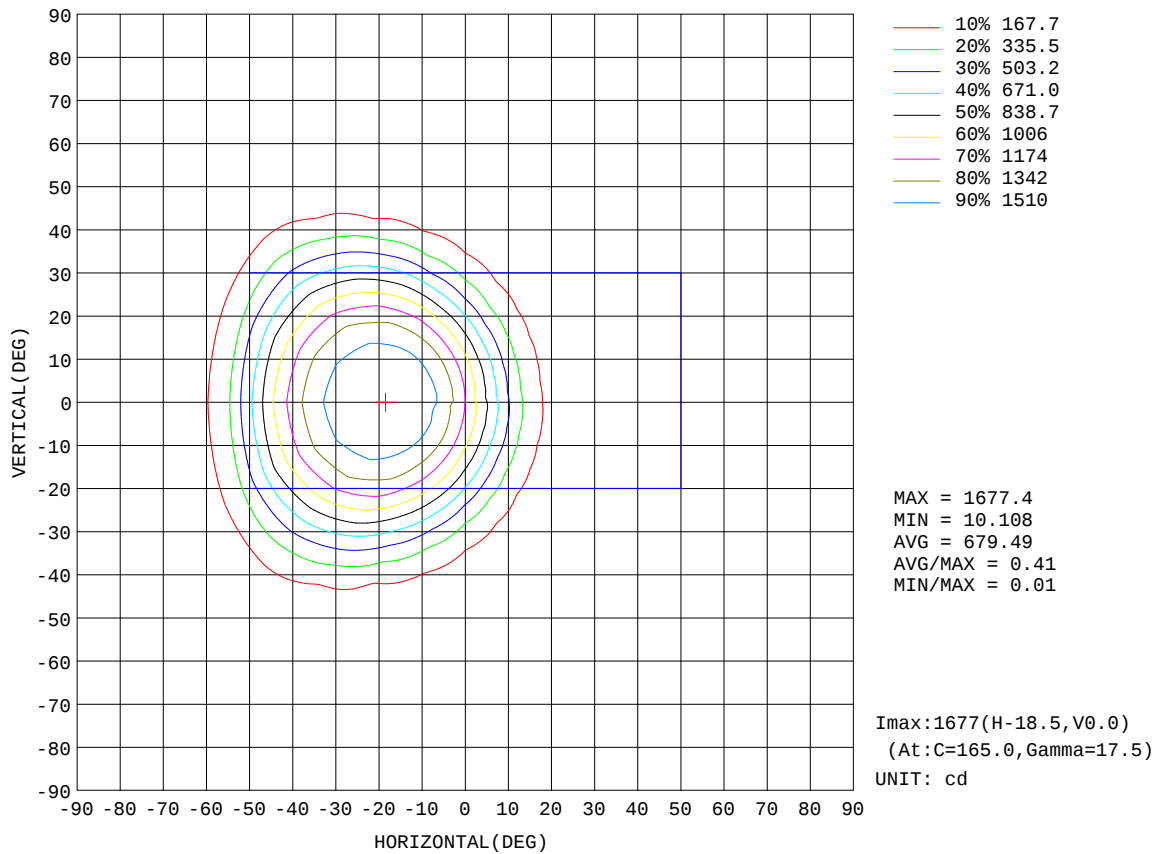
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	75	67	62	75	67	62	74	66	62	57
0.80	85	77	72	84	76	71	82	75	71	66
1.00	91	84	79	90	83	79	88	83	78	73
1.25	97	90	85	95	89	85	93	88	84	78
1.50	100	94	90	99	93	89	96	91	88	82
2.00	104	99	95	103	98	94	99	96	92	86
2.50	107	102	98	105	100	97	101	98	95	88
3.00	109	104	101	107	103	100	103	100	97	90
4.00	111	108	105	109	106	103	105	102	100	92
5.00	113	110	107	110	107	105	106	104	102	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: VM060-VF65SF01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

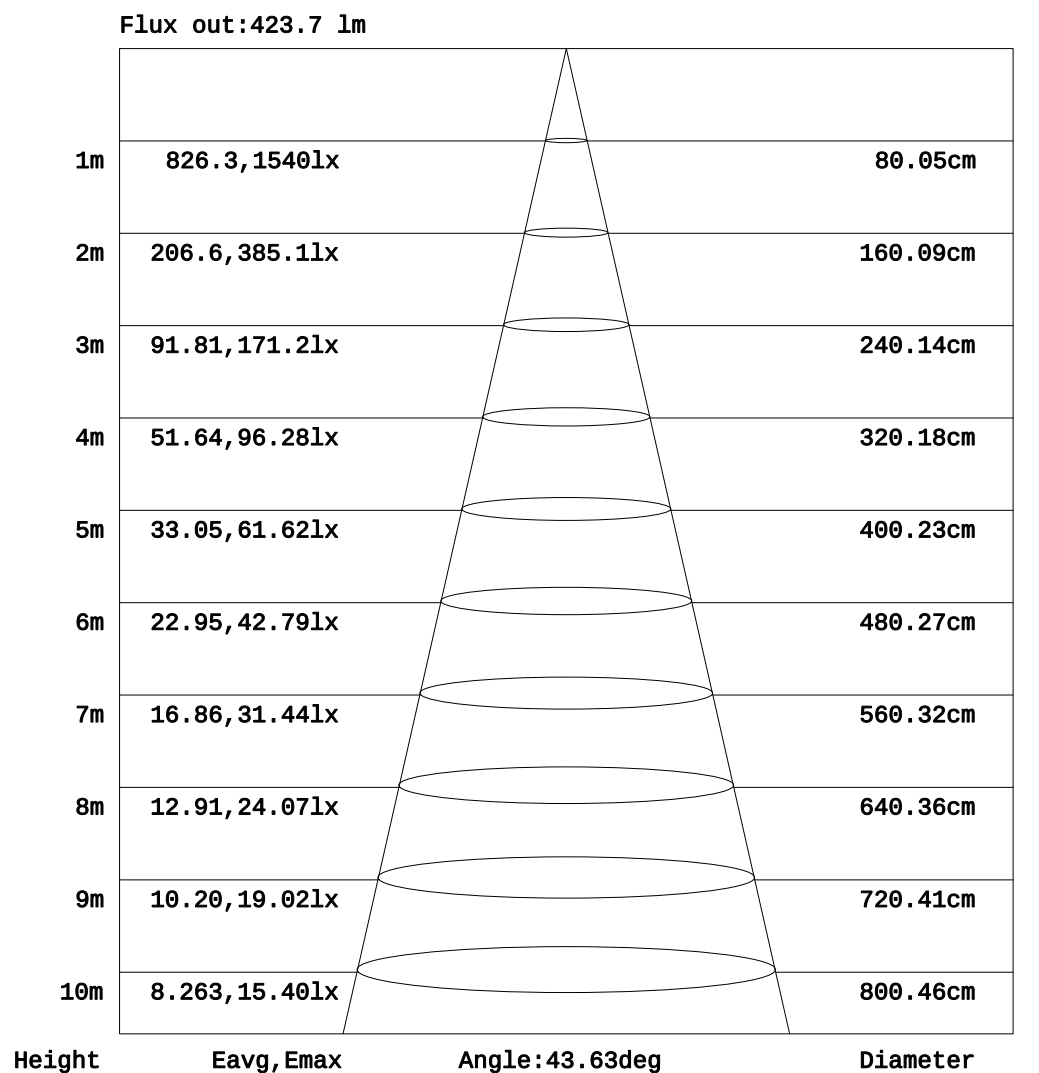


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

AAI Figure

NAME: VM060-VF65SF01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



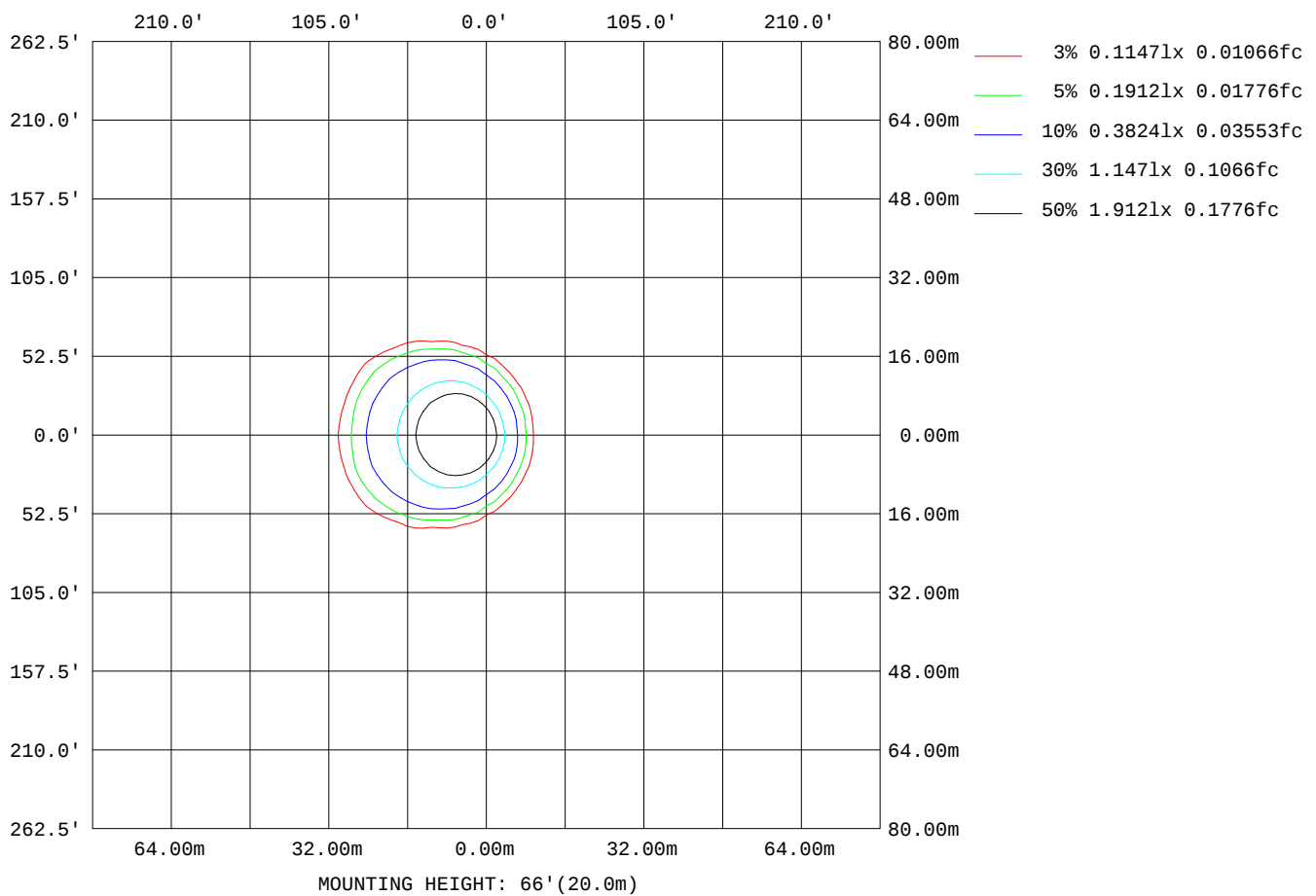
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: VM060-VF65SF01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

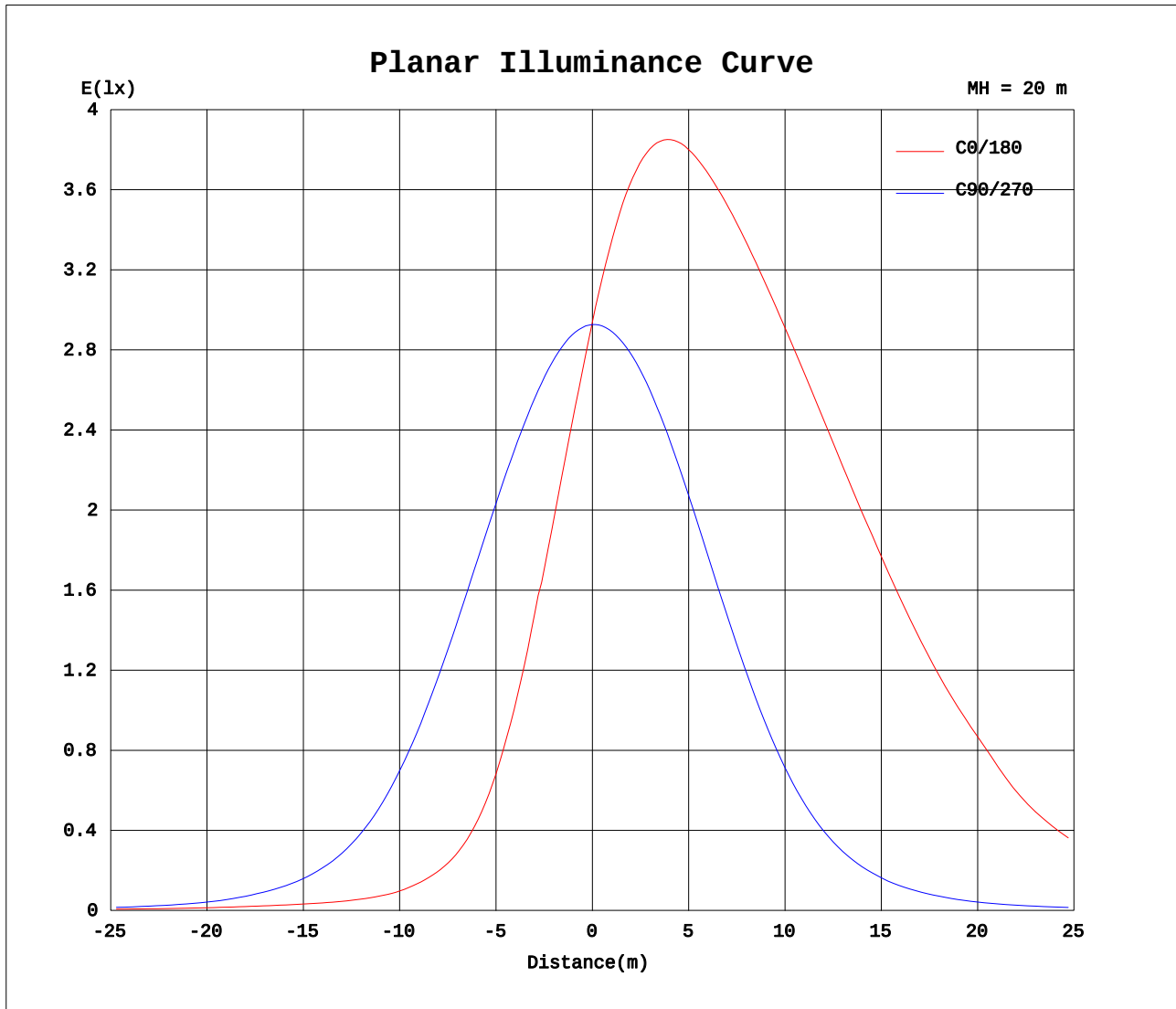
AvgL	cd/m2
L_0~180(65)av	17886
L_0~180(75)av	2935
L_0~180(85)av	2804
L_90~270(65)av	3314
L_90~270(75)av	2781
L_90~270(85)av	2605
L_45(65)av	7789
L_45(75)av	2918
L_45(85)av	2776

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-11

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2021-08-11

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169
5	838	850	873	920	976	1050	1128	1211	1286	1355	1401	1436	1440	1421	1399	1349	1290	1214	1137
10	511	530	568	645	740	873	1017	1181	1329	1462	1542	1603	1600	1570	1533	1444	1337	1188	1035
15	258	274	309	385	495	661	855	1083	1296	1487	1594	1669	1661	1626	1586	1470	1315	1093	872
20	124	133	152	201	288	445	657	927	1195	1447	1586	1674	1665	1625	1578	1434	1224	937	670
25	66.3	70.1	80.9	105	154	265	450	728	1032	1344	1530	1642	1634	1586	1519	1333	1068	740	460
30	39.1	41.0	48.2	63.0	87.5	148	273	514	825	1174	1416	1566	1566	1510	1411	1168	866	524	281
35	27.9	28.7	32.6	42.0	56.0	85.6	155	322	597	948	1229	1423	1438	1372	1232	950	637	328	159
40	21.9	22.4	24.7	30.2	39.6	54.4	88.2	182	377	696	980	1203	1237	1154	992	704	407	181	88.3
45	16.1	16.9	19.4	23.2	29.3	36.0	48.1	87.7	203	448	709	932	977	889	725	458	221	86.3	48.1
50	12.2	12.2	13.9	17.5	21.4	24.1	28.5	45.9	94.6	248	448	611	636	580	459	250	100.0	44.3	28.1
55	10.4	10.3	10.8	12.2	14.6	16.6	18.0	25.3	46.5	109	240	309	317	287	247	113	48.6	24.3	17.8
60	9.08	9.06	9.20	9.02	9.58	10.6	10.6	13.3	22.9	51.0	98.8	147	158	136	103	52.1	24.5	13.1	10.6
65	7.47	7.47	7.60	7.27	6.84	6.88	6.43	6.73	9.00	22.8	40.0	58.7	62.4	55.1	42.0	23.6	10.0	6.62	6.52
70	5.81	5.83	5.89	5.58	5.32	5.06	4.64	4.59	4.76	6.69	12.7	12.9	10.2	10.6	13.4	6.96	4.98	4.54	4.73
75	4.23	4.24	4.23	3.96	3.78	3.59	3.28	3.28	3.24	3.11	3.29	3.18	2.80	2.87	3.30	3.01	3.33	3.26	3.38
80	2.78	2.82	2.74	2.54	2.37	2.27	2.04	2.06	2.01	1.99	1.99	2.09	1.96	1.95	2.03	1.92	2.08	2.05	2.13
85	1.38	1.61	1.49	1.35	1.20	1.15	1.03	1.05	0.98	0.98	1.00	1.08	0.88	0.70	1.00	0.93	1.01	1.02	1.07
90	0.89	0.85	0.74	0.57	0.44	0.36	0.32	0.30	0.29	0.27	0.27	0.32	0.22	0.23	0.23	0.24	0.25	0.27	0.29
95	1.60	1.48	1.28	0.92	0.64	0.46	0.37	0.34	0.30	0.30	0.27	0.28	0.25	0.24	0.26	0.25	0.28	0.29	0.35
100	2.64	2.45	2.11	1.53	1.04	0.67	0.48	0.42	0.35	0.35	0.31	0.32	0.29	0.27	0.30	0.30	0.34	0.36	0.46
105	3.99	3.75	3.27	2.42	1.69	1.04	0.68	0.52	0.42	0.40	0.35	0.37	0.33	0.31	0.34	0.35	0.41	0.47	0.64
110	5.64	5.34	4.70	3.62	2.62	1.65	1.03	0.70	0.53	0.47	0.42	0.42	0.38	0.37	0.41	0.42	0.51	0.65	0.96
115	7.49	7.14	6.39	5.10	3.82	2.52	1.61	1.01	0.71	0.58	0.50	0.49	0.45	0.44	0.49	0.53	0.68	0.95	1.49
120	9.46	9.06	8.23	6.75	5.24	3.66	2.44	1.53	1.02	0.77	0.63	0.59	0.55	0.55	0.62	0.72	0.97	1.47	2.28
125	11.4	11.0	10.1	8.52	6.87	5.06	3.54	2.30	1.55	1.09	0.85	0.77	0.73	0.74	0.84	1.05	1.47	2.23	3.34
130	13.1	12.7	11.9	10.3	8.57	6.61	4.87	3.36	2.35	1.66	1.28	1.10	1.05	1.09	1.27	1.63	2.24	3.27	4.68
135	14.5	14.2	13.4	11.9	10.2	8.25	6.37	4.68	3.44	2.53	1.98	1.69	1.62	1.71	1.96	2.48	3.30	4.57	6.19
140	15.4	15.2	14.5	13.2	11.7	9.84	7.99	6.20	4.80	3.71	3.02	2.61	2.51	2.63	2.98	3.64	4.63	6.07	7.82
145	15.7	15.6	15.2	14.2	13.0	11.3	9.60	7.81	6.35	5.17	4.37	3.88	3.73	3.88	4.30	5.08	6.19	7.71	9.43
150	15.5	15.5	15.6	14.8	13.9	12.5	11.1	9.44	8.02	6.84	5.98	5.45	5.25	5.43	5.90	6.72	7.85	9.34	10.9
155	15.2	15.4	15.6	15.1	14.5	13.5	12.3	11.0	9.69	8.61	7.76	7.25	7.01	7.17	7.67	8.46	9.55	10.9	12.3
160	15.0	15.1	15.4	15.3	14.9	14.2	13.4	12.3	11.3	10.3	9.55	9.12	8.85	8.98	9.47	10.2	11.1	12.2	13.3
165	14.9	15.1	15.3	15.2	15.1	14.7	14.2	13.4	12.6	11.9	11.2	10.9	10.6	10.7	11.2	11.7	12.5	13.3	14.1
170	14.9	15.0	15.3	15.1	15.1	14.9	14.6	14.1	13.6	13.2	12.7	12.5	12.2	12.3	12.7	13.0	13.5	14.0	14.6
175	14.7	14.8	15.1	15.1	15.1	15.0	14.9	14.7	14.4	14.3	13.9	13.9	13.5	13.5	13.9	14.1	14.4	14.6	14.9
180	14.4	14.5	14.8	14.8	15.0	15.0	15.1	15.1	15.0	15.1	14.8	14.8	14.4	14.4	14.8	14.8	15.0	15.0	15.1

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-11

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1169	1169	1169	1169	1169														
5	1055	984	920	875	843														
10	878	749	640	567	519														
15	661	502	380	309	265														
20	440	293	200	154	128														
25	260	158	105	81.7	69.6														
30	145	88.2	63.2	49.2	41.0														
35	84.1	55.8	42.2	32.8	28.9														
40	52.9	39.2	30.3	24.9	22.7														
45	34.6	28.8	23.3	19.6	17.0														
50	22.9	21.0	17.6	14.2	12.4														
55	15.8	14.6	12.2	11.0	10.5														
60	10.3	9.64	9.08	9.22	9.13														
65	6.79	6.97	7.25	7.57	7.44														
70	5.04	5.37	5.53	5.80	5.70														
75	3.59	3.81	3.89	4.11	4.05														
80	2.25	2.42	2.43	2.61	2.57														
85	1.12	1.21	1.21	1.36	1.21														
90	0.32	0.40	0.54	0.73	0.88														
95	0.41	0.60	0.91	1.25	1.57														
100	0.61	0.97	1.53	2.05	2.57														
105	0.98	1.58	2.44	3.18	3.90														
110	1.58	2.46	3.64	4.63	5.51														
115	2.44	3.64	5.10	6.30	7.36														
120	3.58	5.08	6.79	8.15	9.32														
125	4.94	6.70	8.60	10.03	11.3														
130	6.50	8.41	10.4	11.8	13.0														
135	8.16	10.1	12.0	13.3	14.5														
140	9.81	11.7	13.4	14.5	15.5														
145	11.3	13.0	14.4	15.3	16.0														
150	12.6	13.9	15.1	15.6	16.0														
155	13.6	14.6	15.4	15.6	15.8														
160	14.3	15.0	15.6	15.5	15.6														
165	14.8	15.2	15.5	15.5	15.6														
170	15.0	15.2	15.5	15.4	15.5														
175	15.1	15.3	15.5	15.2	15.3														
180	15.1	15.0	15.1	14.8	14.8														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-11

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks: