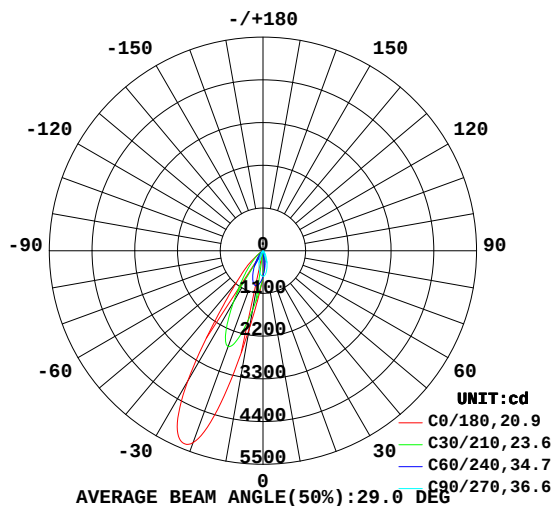


LUMINAIRE PHOTOMETRIC TEST REPORT

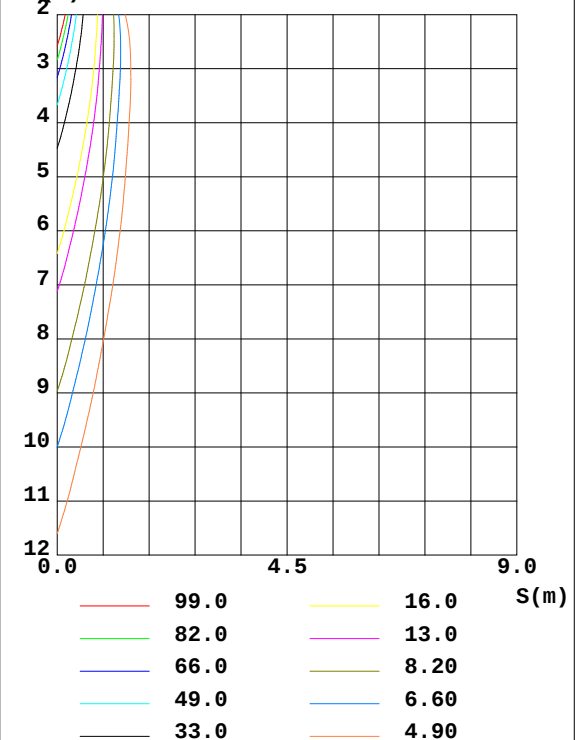
NAME: VM060-VF65SF01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.87 lm/W			
MODEL	BXRE-30G1000-C-7X	Imax(cd)	5366	S/MH(C0/180)	1.51
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1250.5	η UP, DN(C0-180)	1.3, 39.9
NOMINAL FLUX(lm)	1250.48	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.1, 57.7
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	1.00

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 GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

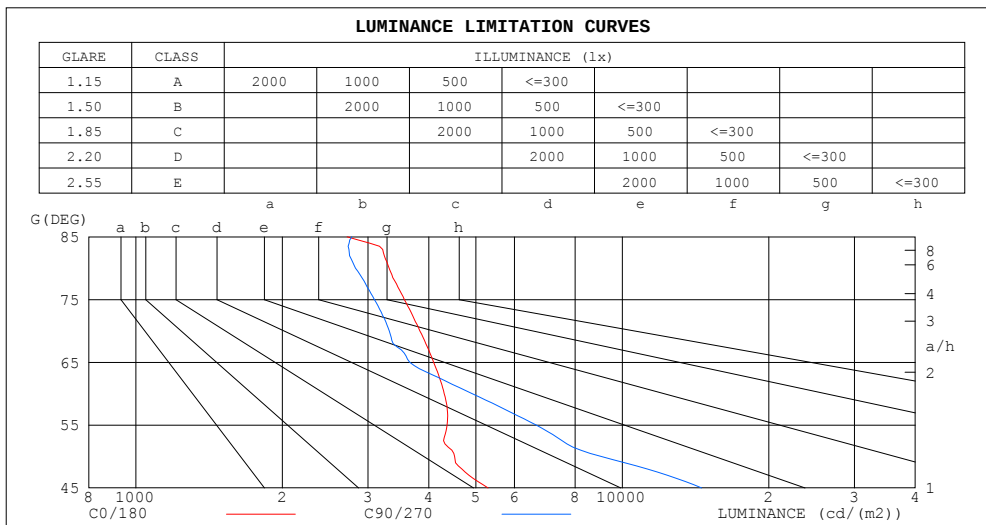
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	221.0	275.7	529.4	1205	2022	1189	530.2	275.2	0- 10	68.09	68.09	5.44, 5.44
20	89.34	114.4	295.1	1358	5256	1306	293.5	115.9	10- 20	280.3	348.4	27.9, 27.9
30	45.34	60.23	141.8	831.4	3876	784.6	137.3	60.54	20- 30	436.5	784.9	62.8, 62.8
40	23.67	36.48	67.34	361.1	1061	340.4	63.47	36.81	30- 40	265.6	1051	84, 84
50	13.46	18.57	26.79	109.9	265.1	108.3	25.62	18.86	40- 50	117.3	1168	93.4, 93.4
60	9.963	9.803	11.32	23.52	29.19	24.01	11.42	9.985	50- 60	36.15	1204	96.3, 96.3
70	6.073	5.939	5.230	7.319	7.434	7.094	5.331	5.977	60- 70	10.65	1215	97.1, 97.1
80	2.666	2.561	2.264	2.337	2.370	2.211	2.342	2.566	70- 80	4.314	1219	97.5, 97.5
90	0.4423	0.4085	0.3150	0.2679	0.2168	0.2327	0.2731	0.3871	80- 90	1.345	1220	97.6, 97.6
100	1.423	0.8237	0.4117	0.3737	0.2876	0.2996	0.3986	0.8277	90-100	0.4733	1221	97.6, 97.6
110	4.352	2.093	0.6952	0.5134	0.4092	0.4409	0.6742	2.191	100-110	1.001	1222	97.7, 97.7
120	10.50	5.494	1.388	0.7183	0.6084	0.6622	1.351	5.650	110-120	2.245	1224	97.9, 97.9
130	15.77	11.13	3.035	1.135	0.9141	1.090	2.944	11.43	120-130	4.101	1228	98.2, 98.2
140	17.52	15.24	6.685	2.203	1.600	2.173	6.446	15.88	130-140	5.557	1234	98.7, 98.7
150	14.52	16.58	11.75	4.952	3.427	4.829	11.52	17.32	140-150	5.987	1240	99.1, 99.1
160	10.39	15.76	15.29	10.44	8.215	10.08	15.26	16.46	150-160	5.361	1245	99.6, 99.6
170	13.33	15.38	16.57	15.34	14.25	14.89	16.63	16.11	160-170	3.937	1249	99.9, 99.9
180	16.83	16.71	16.91	17.24	16.84	16.70	16.92	17.23	170-180	1.534	1250	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 GO-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-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2718	2780
80	3316	2829
75	3564	3093
70	3835	3318
65	4092	3657
60	4304	4914
55	4363	6653
50	4522	9042
45	5298	14556

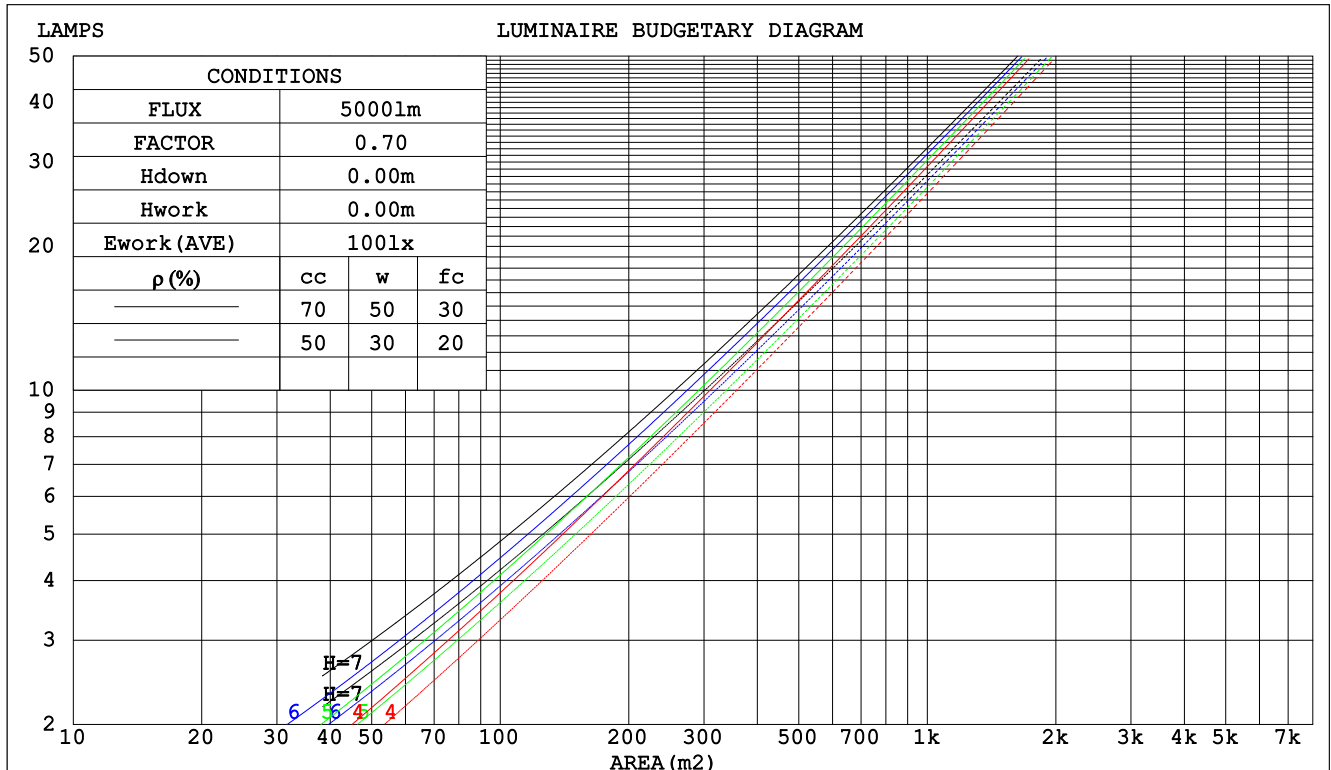
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-11

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: VM060-VF65SF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	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			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	1.07	1.04	1.07	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.96	.93	.99	.95	.91	.95	.92	.89	.92	.89	.87	.89	.86	.84	.83
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.81	.86	.82	.79	.83	.80	.78	.76
4.0	.86	.80	.75	.85	.79	.75	.82	.77	.73	.80	.76	.72	.78	.74	.71	.70
5.0	.80	.73	.69	.79	.73	.68	.76	.71	.67	.74	.70	.66	.73	.69	.66	.64
6.0	.74	.67	.63	.73	.67	.62	.71	.66	.62	.70	.65	.61	.68	.64	.61	.59
7.0	.69	.62	.58	.68	.62	.57	.67	.61	.57	.65	.60	.57	.64	.59	.56	.54
8.0	.64	.58	.53	.64	.57	.53	.62	.57	.53	.61	.56	.52	.60	.55	.52	.50
9.0	.60	.54	.49	.60	.53	.49	.58	.53	.49	.57	.52	.49	.56	.52	.48	.47
10.0	.56	.50	.46	.56	.50	.46	.55	.49	.46	.54	.49	.45	.53	.48	.45	.44



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 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-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	.195	.111	.035	.187	.107	.034	.173	.099	.032	.161	.093	.030	.149	.086	.028		
2.0	.188	.103	.032	.181	.100	.031	.169	.094	.029	.158	.089	.028	.148	.084	.026		
3.0	.179	.095	.029	.174	.093	.028	.163	.089	.027	.154	.084	.026	.145	.080	.025		
4.0	.171	.089	.026	.166	.087	.026	.157	.083	.025	.148	.080	.024	.140	.076	.023		
5.0	.163	.083	.024	.159	.081	.024	.150	.078	.023	.143	.075	.022	.136	.073	.022		
6.0	.155	.078	.022	.151	.077	.022	.144	.074	.022	.138	.071	.021	.131	.069	.021		
7.0	.148	.073	.021	.145	.072	.021	.138	.070	.020	.132	.068	.020	.127	.066	.019		
8.0	.142	.069	.019	.139	.068	.019	.133	.066	.019	.127	.064	.019	.122	.063	.018		
9.0	.135	.066	.018	.133	.065	.018	.127	.063	.018	.122	.061	.018	.118	.060	.017		
10.0	.130	.062	.017	.127	.061	.017	.122	.060	.017	.118	.058	.017	.113	.057	.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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.162	.163	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.129	.152	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.166	.132	.106	.142	.114	.092	.098	.079	.064	.056	.046	.038	.018	.015	.012	
4.0	.156	.118	.089	.134	.102	.077	.092	.071	.054	.053	.042	.032	.017	.014	.011	
5.0	.148	.107	.076	.127	.092	.066	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.141	.098	.067	.122	.085	.058	.084	.059	.041	.049	.035	.024	.016	.011	.008	
7.0	.135	.091	.059	.116	.078	.052	.080	.055	.037	.047	.032	.022	.015	.011	.007	
8.0	.130	.085	.053	.112	.073	.047	.077	.051	.033	.045	.030	.020	.015	.010	.007	
9.0	.125	.079	.049	.108	.069	.043	.075	.048	.030	.043	.029	.018	.014	.009	.006	
10.0	.120	.075	.045	.104	.065	.039	.072	.046	.028	.042	.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 GO-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-CRI90-15D						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						8.0	9.0	8.3	9.3	9.5	10.9
3H						9.2	10.1	9.5	10.4	10.6	11.3
4H						9.7	10.6	10.0	10.9	11.1	11.5
6H						10.1	10.9	10.4	11.2	11.5	11.6
8H						10.2	11.0	10.6	11.3	11.6	11.6
12H						10.3	11.1	10.7	11.4	11.7	11.7
4H 2H						8.5	9.4	8.8	9.7	9.9	11.0
3H						9.9	10.7	10.3	11.0	11.3	11.5
4H						10.5	11.2	10.9	11.6	11.9	11.8
6H						11.0	11.6	11.4	12.0	12.4	12.1
8H						11.2	11.8	11.7	12.2	12.6	12.2
12H						11.3	11.9	11.8	12.3	12.7	12.2
8H 4H						10.7	11.3	11.2	11.7	12.1	11.9
6H						11.4	11.8	11.8	12.3	12.7	12.3
8H						11.6	12.0	12.1	12.5	13.0	12.4
12H						11.9	12.2	12.4	12.7	13.2	12.5
12H 4H						10.7	11.2	11.2	11.6	12.1	11.9
6H						11.4	11.8	11.9	12.3	12.8	12.3
8H						11.7	12.1	12.2	12.5	13.1	12.5
Variations with the observer position at spacings:											
S = 1.0H						+ 0.4 / - 0.4			+ 1.5 / - 1.1		
1.5H						+ 0.4 / - 0.4			+ 2.3 / - 1.4		
2.0H						+ 0.2 / - 0.3			+ 3.0 / - 1.5		

CIE Pub.117, 1250 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.8)

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 GO-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-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

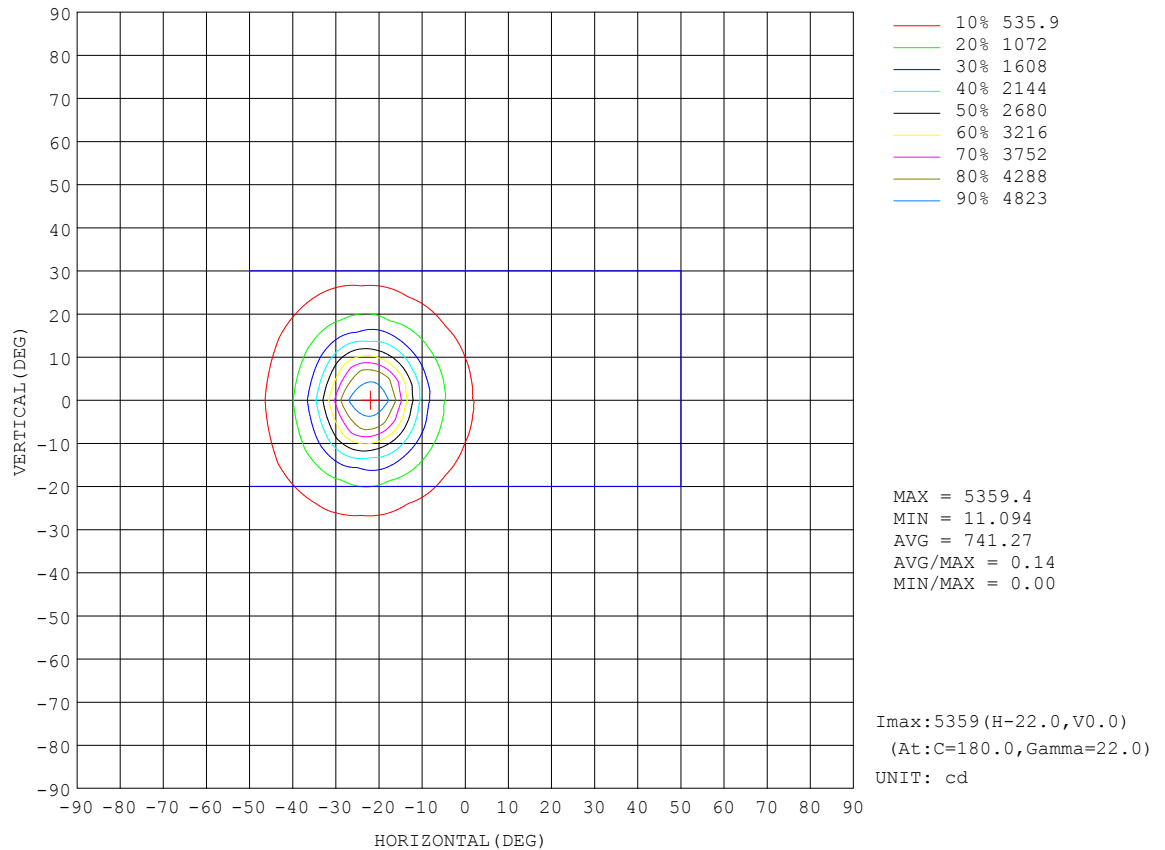
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k (RI) x RCR = 5									
k = 0.60	81	74	70	81	74	70	80	73	70	65
0.80	90	83	79	89	82	78	87	82	78	73
1.00	95	89	85	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	92	88	83
1.50	103	97	94	101	97	93	99	95	92	86
2.00	106	101	98	105	100	97	101	98	95	89
2.50	108	104	100	106	102	99	103	100	97	90
3.00	110	106	103	108	104	102	104	101	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	103	95
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 GO-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-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

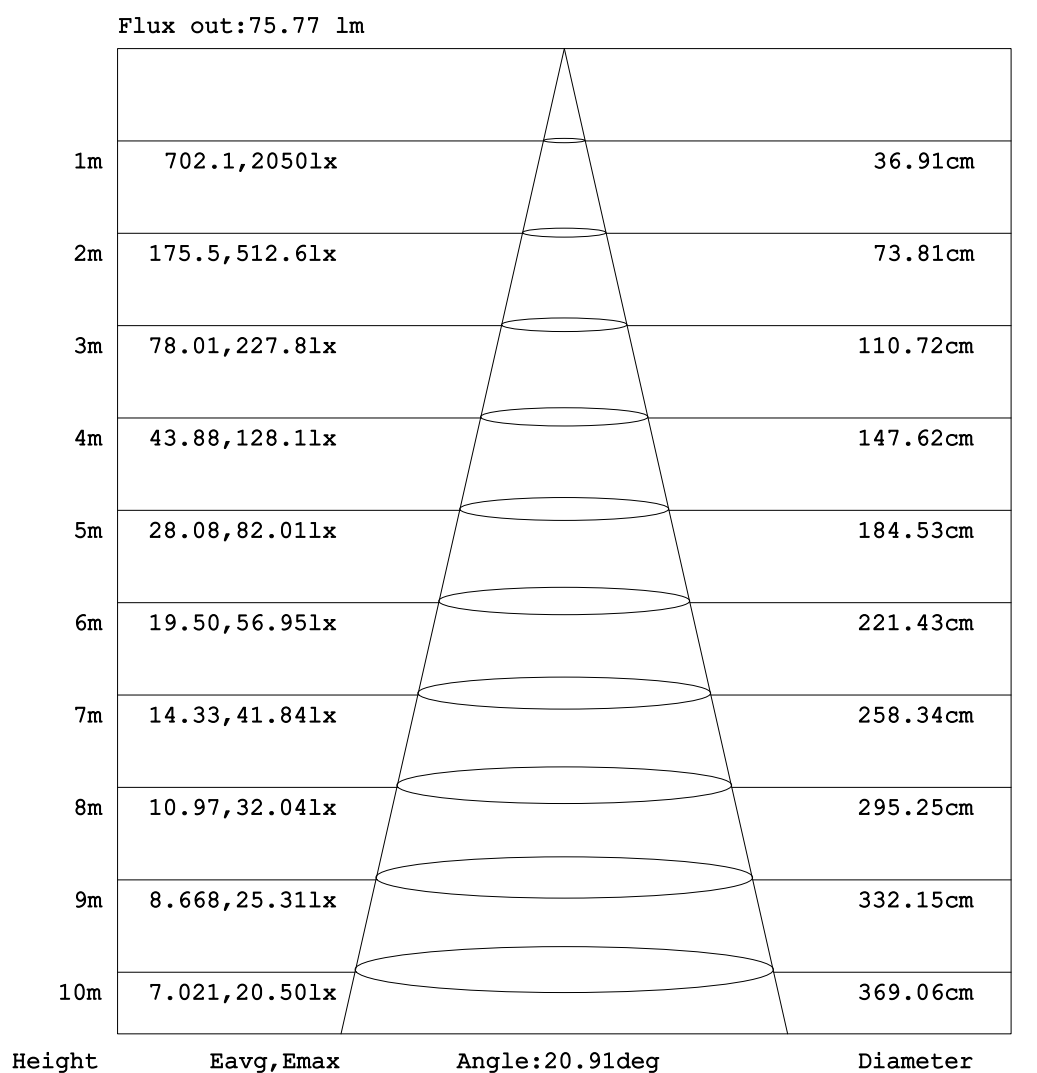


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-11

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-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-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



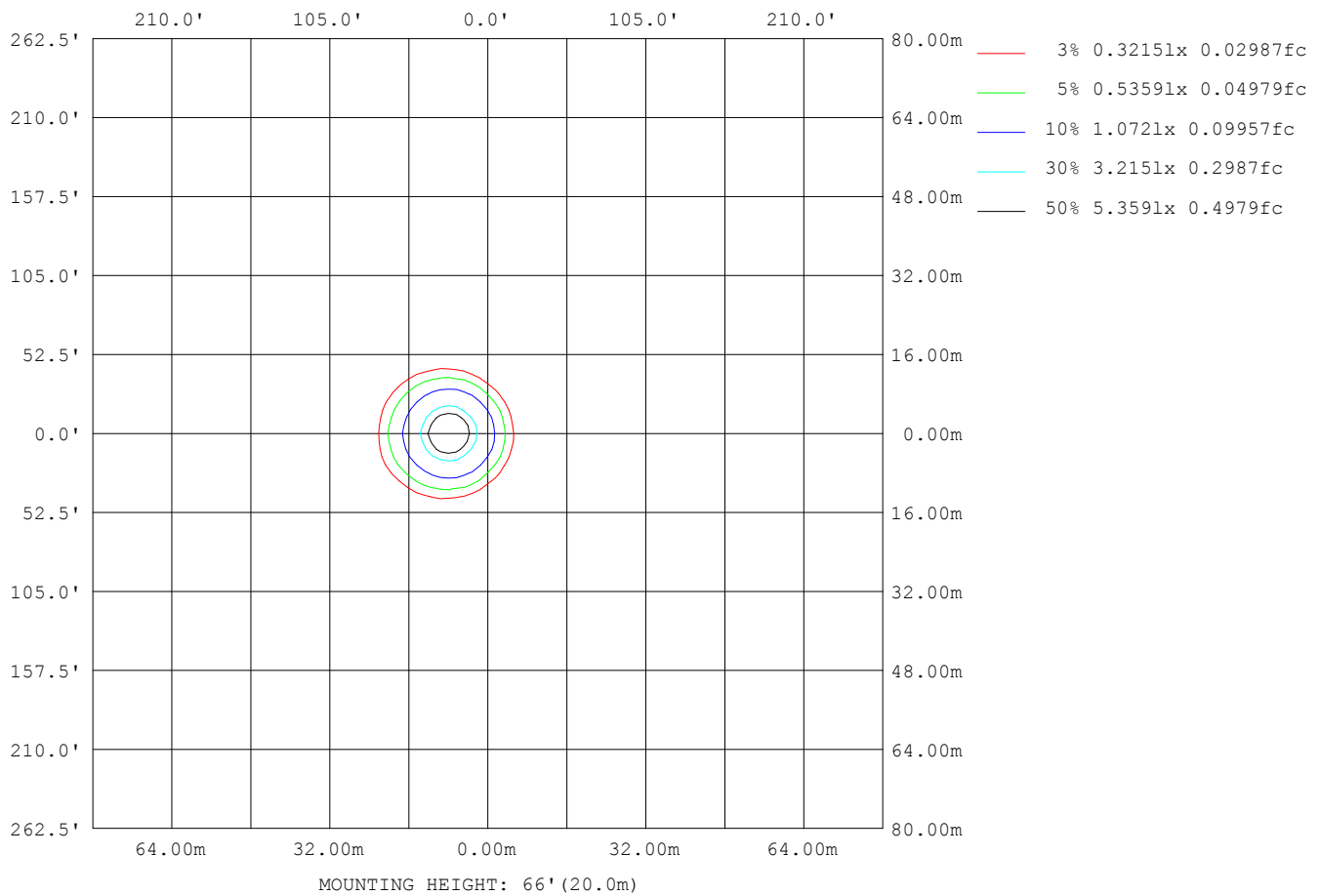
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-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-CRI90-15D	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 GO-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-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

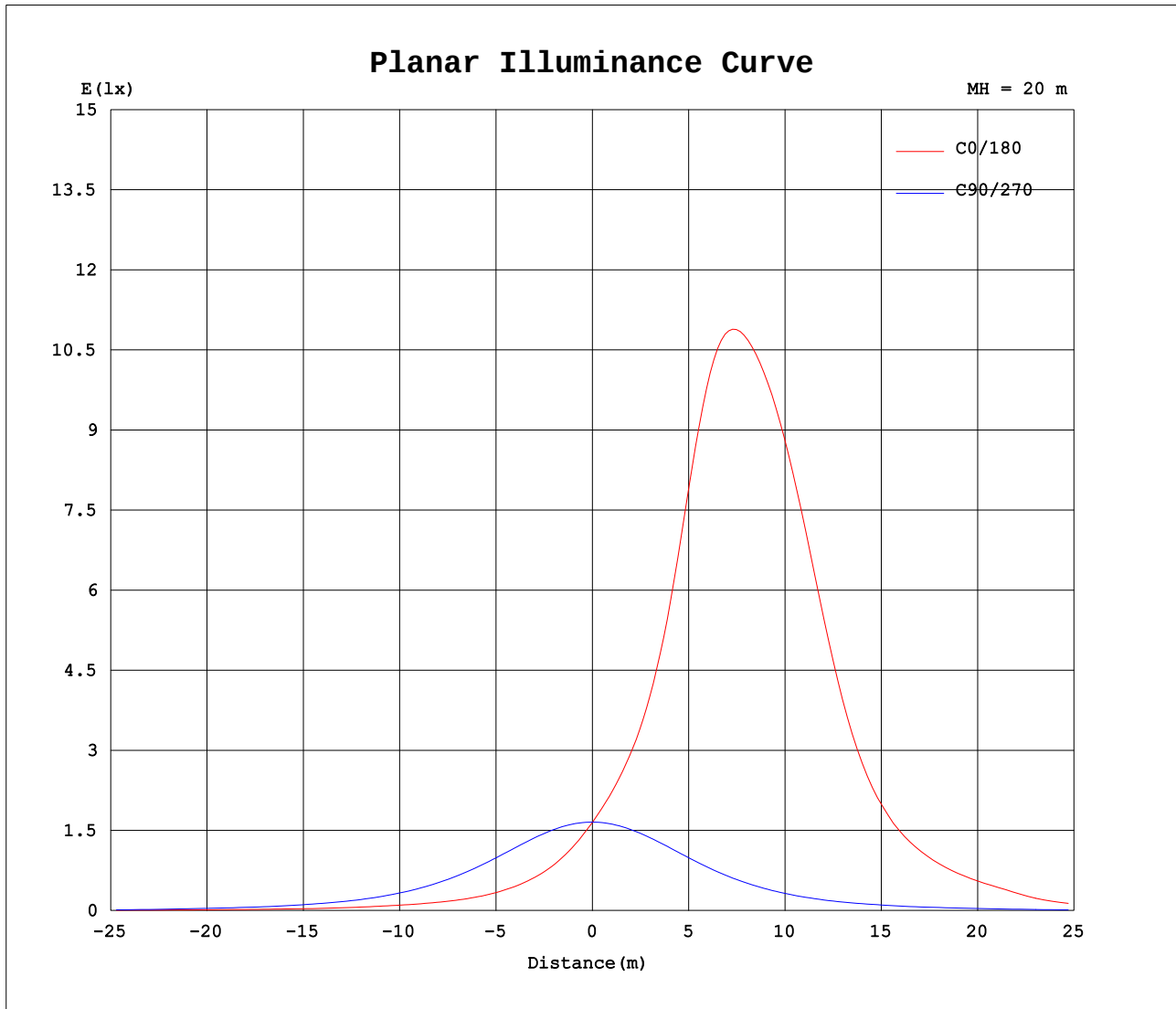
AvgL	cd/m2
L_0~180(65)av	5951
L_0~180(75)av	3196
L_0~180(85)av	2675
L_90~270(65)av	3680
L_90~270(75)av	3120
L_90~270(85)av	2799
L_45(65)av	5718
L_45(75)av	3226
L_45(85)av	2916

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 GO-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 GO-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-CRI90-15D	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	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661
5	378	383	402	435	481	547	625	722	823	931	1025	1074	1114	1091	1023	926	822	717	625
10	221	226	243	276	327	411	529	702	917	1205	1552	1845	2022	1890	1548	1189	913	692	530
15	135	139	151	176	217	290	408	611	905	1391	2217	3278	3864	3369	2243	1359	896	598	409
20	89.3	90.9	99.1	114	144	199	295	482	788	1358	2559	4454	5256	4461	2624	1306	779	466	293
25	62.8	64.2	70.2	79.9	98.3	137	206	350	615	1124	2205	4321	5194	4230	2247	1063	607	336	202
30	45.3	46.9	52.7	60.2	72.2	95.5	142	243	437	831	1520	3032	3876	2902	1518	785	433	230	137
35	30.6	32.1	38.7	47.4	56.2	70.6	98.9	164	292	566	976	1645	2014	1541	969	535	288	154	93.8
40	23.7	24.1	26.6	36.5	45.2	53.8	67.3	98.5	183	361	626	940	1061	880	616	340	183	92.5	63.5
45	17.3	17.9	20.5	25.5	35.9	41.2	47.4	63.3	96.8	221	374	565	627	528	370	209	96.7	59.1	45.0
50	13.5	13.2	15.0	18.6	26.0	26.9	26.8	33.7	52.5	110	218	288	265	248	217	108	52.9	31.3	25.6
55	11.6	11.3	11.8	13.0	15.6	17.3	17.6	20.1	24.2	56.3	104	110	92.1	96.4	98.9	55.5	24.9	19.4	17.4
60	9.96	9.87	10.1	9.80	10.2	11.3	11.3	12.9	16.4	23.5	48.1	36.4	29.2	30.9	46.1	24.0	16.9	12.6	11.4
65	8.01	8.00	8.26	7.86	7.45	7.49	7.12	7.62	9.44	14.6	16.8	16.5	15.3	15.3	16.6	14.3	9.82	7.47	7.26
70	6.07	6.09	6.23	5.94	5.76	5.58	5.23	5.25	5.52	7.32	9.02	8.45	7.43	7.66	9.08	7.09	5.71	5.25	5.33
75	4.27	4.29	4.34	4.13	4.05	3.94	3.69	3.75	3.79	3.65	3.87	3.69	3.38	3.39	3.87	3.51	3.86	3.77	3.78
80	2.67	2.67	2.69	2.56	2.52	2.45	2.26	2.35	2.33	2.34	2.36	2.48	2.37	2.32	2.39	2.21	2.38	2.33	2.34
85	1.10	1.34	1.31	1.28	1.22	1.22	1.12	1.16	1.11	1.15	1.17	1.27	1.06	0.81	1.17	1.05	1.13	1.10	1.14
90	0.44	0.46	0.44	0.41	0.36	0.33	0.32	0.29	0.30	0.27	0.26	0.36	0.22	0.21	0.22	0.23	0.25	0.26	0.27
95	0.78	0.74	0.67	0.56	0.44	0.39	0.34	0.35	0.31	0.31	0.28	0.28	0.25	0.23	0.25	0.25	0.29	0.28	0.32
100	1.42	1.28	1.10	0.82	0.62	0.49	0.41	0.41	0.38	0.37	0.33	0.33	0.29	0.26	0.30	0.30	0.34	0.35	0.40
105	2.50	2.23	1.85	1.30	0.93	0.67	0.52	0.49	0.44	0.44	0.39	0.38	0.34	0.31	0.36	0.37	0.41	0.43	0.51
110	4.35	3.88	3.09	2.09	1.43	0.95	0.70	0.60	0.52	0.51	0.45	0.45	0.41	0.38	0.43	0.44	0.50	0.55	0.67
115	7.16	6.45	5.20	3.42	2.24	1.41	0.96	0.75	0.63	0.60	0.54	0.52	0.49	0.48	0.53	0.54	0.61	0.70	0.93
120	10.5	9.63	8.07	5.49	3.49	2.12	1.39	0.99	0.78	0.72	0.64	0.62	0.61	0.59	0.64	0.66	0.77	0.95	1.35
125	13.6	12.7	11.2	8.26	5.47	3.24	2.04	1.37	1.03	0.88	0.77	0.74	0.74	0.72	0.78	0.83	1.01	1.34	1.99
130	15.8	15.0	13.9	11.1	8.06	4.92	3.04	1.96	1.41	1.14	0.97	0.91	0.91	0.90	0.98	1.09	1.38	1.93	2.94
135	17.1	16.4	15.7	13.6	10.8	7.23	4.53	2.86	2.00	1.55	1.29	1.18	1.18	1.17	1.29	1.51	1.96	2.83	4.39
140	17.5	17.0	16.7	15.2	13.2	9.87	6.68	4.27	2.93	2.20	1.81	1.62	1.60	1.62	1.81	2.17	2.86	4.18	6.45
145	16.6	16.4	16.9	16.2	15.0	12.3	9.24	6.33	4.37	3.24	2.65	2.32	2.29	2.35	2.65	3.21	4.26	6.16	8.96
150	14.5	14.7	16.4	16.6	16.0	14.2	11.7	8.89	6.55	4.95	4.02	3.49	3.43	3.56	4.00	4.83	6.33	8.66	11.5
155	12.1	12.7	15.2	16.4	16.5	15.5	13.8	11.5	9.26	7.46	6.19	5.44	5.38	5.55	6.16	7.22	8.98	11.3	13.7
160	10.4	11.4	13.9	15.8	16.6	16.2	15.3	13.8	12.0	10.4	9.11	8.28	8.22	8.39	9.06	10.1	11.7	13.6	15.3
165	11.0	11.8	13.6	15.2	16.4	16.6	16.2	15.4	14.2	13.2	12.2	11.5	11.4	11.5	12.1	12.8	14.0	15.2	16.2
170	13.3	13.6	14.8	15.4	16.2	16.6	16.6	16.3	15.7	15.3	14.7	14.4	14.2	14.2	14.6	14.9	15.6	16.1	16.6
175	15.8	15.7	16.3	16.3	16.6	16.7	16.8	16.8	16.6	16.7	16.4	16.2	16.1	15.9	16.2	16.2	16.5	16.6	16.8
180	16.8	16.6	16.9	16.7	16.9	16.8	16.9	17.0	17.0	17.2	17.0	17.0	16.8	16.6	16.9	16.7	16.9	16.8	16.9

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 GO-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-CRI90-15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	661	661	661	661	661														
5	543	480	433	401	377														
10	408	328	275	243	222														
15	287	219	177	152	137														
20	197	146	116	99.5	90.2														
25	133	99.1	80.9	70.2	63.7														
30	92.0	71.5	60.5	52.7	46.7														
35	67.5	55.1	47.4	39.1	31.9														
40	51.1	44.0	36.8	26.9	24.1														
45	38.8	34.9	26.1	20.9	18.0														
50	24.9	25.6	18.9	15.3	13.5														
55	16.7	15.7	13.3	12.1	11.5														
60	11.2	10.4	9.99	10.2	10.00														
65	7.49	7.63	7.93	8.31	8.07														
70	5.62	5.86	5.98	6.25	6.12														
75	3.96	4.12	4.15	4.35	4.29														
80	2.43	2.55	2.57	2.68	2.66														
85	1.15	1.24	1.22	1.30	1.08														
90	0.30	0.33	0.39	0.45	0.47														
95	0.34	0.42	0.54	0.68	0.79														
100	0.44	0.60	0.83	1.10	1.38														
105	0.62	0.90	1.35	1.85	2.43														
110	0.93	1.40	2.19	3.12	4.23														
115	1.41	2.18	3.52	5.19	6.97														
120	2.14	3.42	5.65	8.09	10.3														
125	3.25	5.28	8.45	11.2	13.4														
130	4.90	7.82	11.4	14.0	15.6														
135	7.20	10.6	14.1	15.9	17.1														
140	9.85	13.2	15.9	17.0	17.7														
145	12.4	15.1	16.9	17.3	17.1														
150	14.4	16.2	17.3	16.9	15.4														
155	15.7	16.8	17.1	15.7	13.4														
160	16.5	16.9	16.5	14.4	12.2														
165	16.8	16.6	15.9	14.1	12.6														
170	16.8	16.5	16.1	15.1	14.3														
175	16.9	16.9	16.9	16.5	16.3														
180	17.0	17.0	17.2	17.0	17.0														

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 GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks: