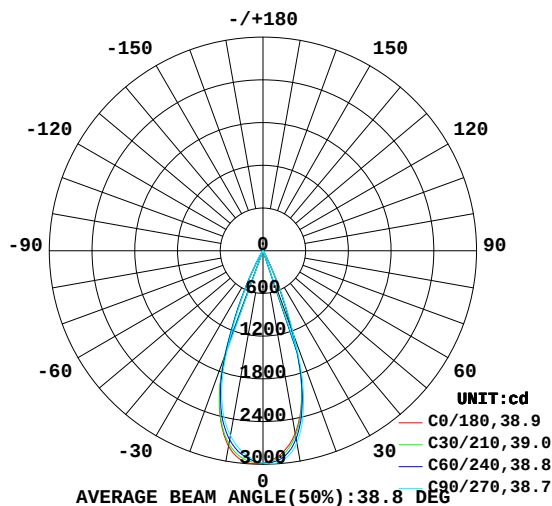


LUMINAIRE PHOTOMETRIC TEST REPORT

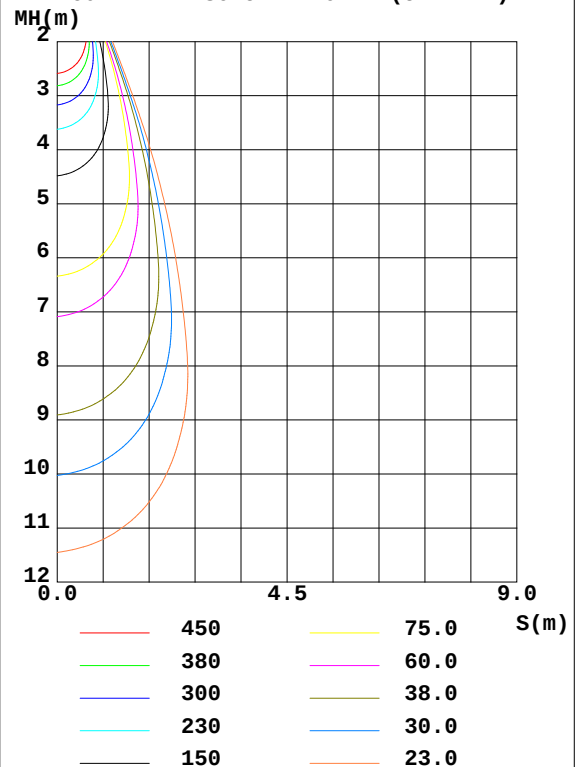
NAME: VM060-VF62RA01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 87.27 lm/W
MODEL	BXRE-30G1000-C-7X	Imax(cd)	3012	S/MH(C0/180)	0.60	
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.59	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1176.5	η UP, DN(C0-180)	1.3, 47.7	
NOMINAL FLUX(lm)	1176.51	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2, 49.9	
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	230	η down(%)	97.5	CIBSE SHR MAX	0.60	

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: 2021-08-12

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:

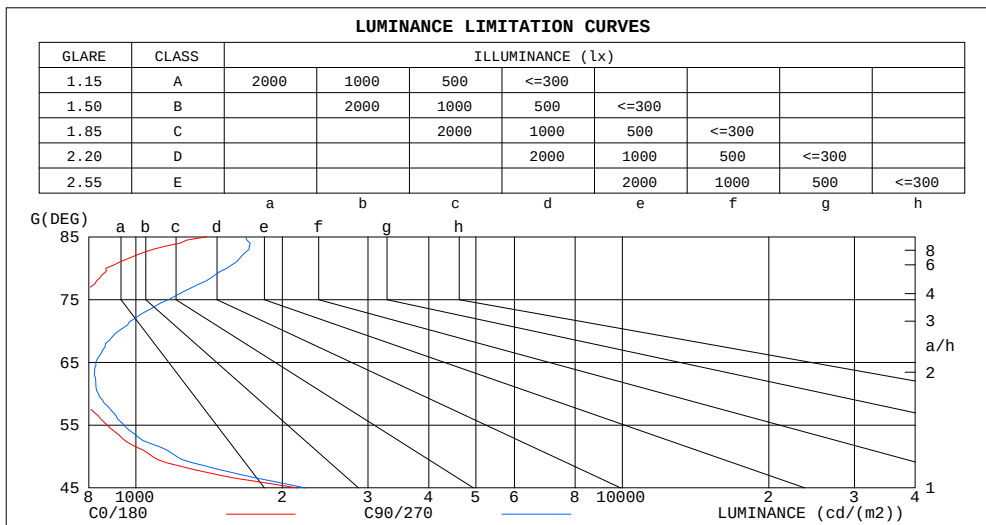
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2605	2668	2739	2821	2787	2720	2635	2595	0- 10	271.9	271.9	23.1, 23.1
20	1215	1220	1267	1476	1558	1537	1455	1271	10- 20	592.1	864.0	73.4, 73.4
30	85.16	69.53	68.09	88.35	119.4	121.9	141.5	106.4	20- 30	253.7	1118	95, 95
40	12.75	10.78	10.65	12.42	14.19	15.83	17.12	14.65	30- 40	23.80	1141	97, 97
50	1.381	1.429	1.570	1.713	1.722	1.568	1.414	1.322	40- 50	3.705	1145	97.3, 97.3
60	0.7468	0.7675	0.8432	0.8205	0.7786	0.7725	0.7405	0.7233	50- 60	0.9580	1146	97.4, 97.4
70	0.4781	0.5500	0.6350	0.5605	0.4319	0.4511	0.4268	0.4384	60- 70	0.6081	1147	97.5, 97.5
80	0.2993	0.4397	0.5378	0.4426	0.2422	0.3015	0.2940	0.2915	70- 80	0.4483	1147	97.5, 97.5
90	0.2414	0.2464	0.2431	0.2448	0.2139	0.2156	0.2257	0.2148	80- 90	0.2951	1148	97.5, 97.5
100	0.2553	0.2702	0.2417	0.2719	0.2685	0.2309	0.2522	0.2363	90-100	0.2620	1148	97.6, 97.6
110	0.3033	0.2993	0.2786	0.3249	0.3340	0.2507	0.2788	0.2557	100-110	0.2837	1148	97.6, 97.6
120	1.085	1.068	1.040	0.9022	0.9597	0.8127	0.8378	1.008	110-120	0.5062	1149	97.6, 97.6
130	4.268	4.400	4.145	3.925	3.630	3.591	3.704	4.140	120-130	2.006	1151	97.8, 97.8
140	9.816	9.482	9.280	8.792	8.963	8.543	8.754	9.316	130-140	4.932	1155	98.2, 98.2
150	14.83	14.87	14.83	14.40	14.27	14.19	14.43	14.77	140-150	7.447	1163	98.8, 98.8
160	17.36	16.95	17.13	17.48	18.18	17.37	17.48	17.12	150-160	7.515	1170	99.5, 99.5
170	14.33	14.28	14.91	15.20	15.29	15.25	15.15	14.59	160-170	4.679	1175	99.9, 99.9
180	14.13	14.29	14.11	14.44	14.17	14.28	14.13	14.42	170-180	1.371	1177	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: 2021-08-12

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-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:



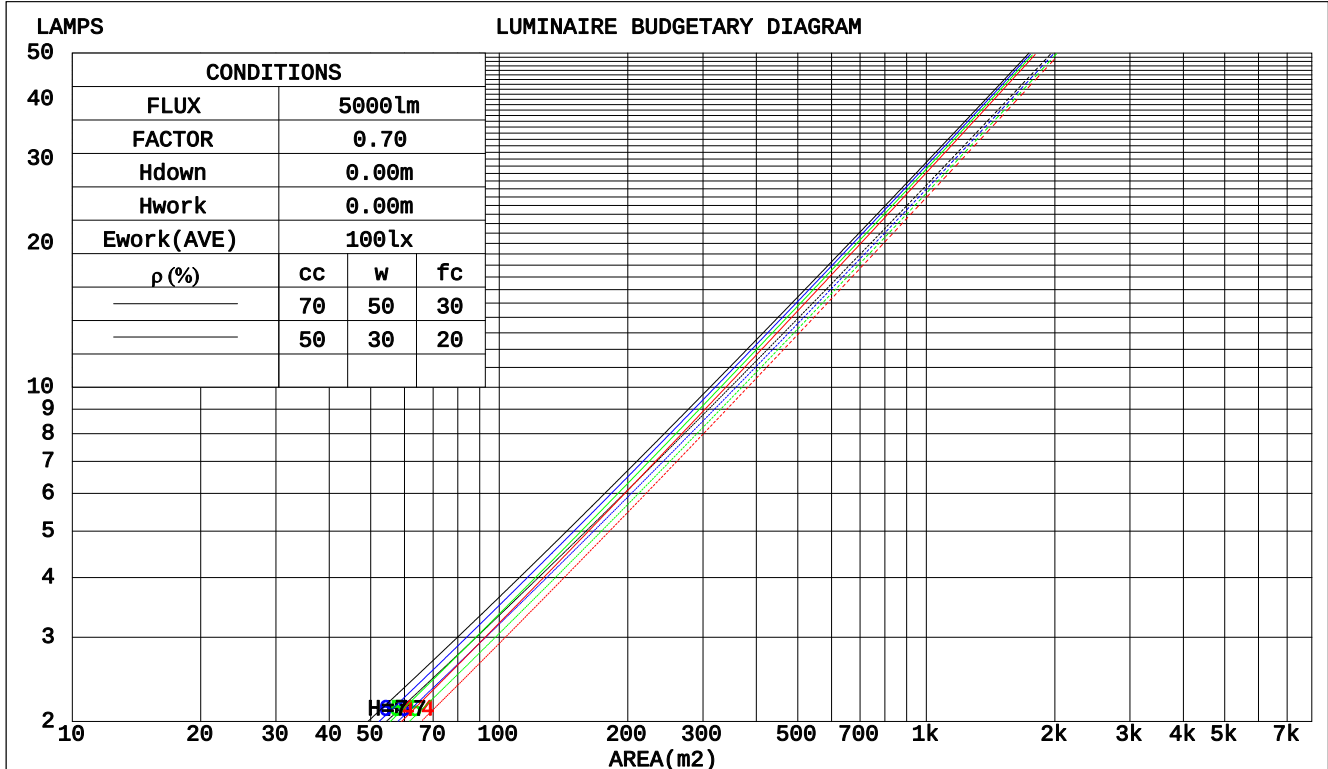
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-12

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: VM060-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	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	1.18	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	1.12	1.10	1.08	1.09	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.97	.96	.96	.94
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.98	.96	.97	.96	.94	.94	.93	.92	.90
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.97	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.93	.88	.85	.92	.87	.84	.90	.86	.83	.88	.85	.83	.86	.84	.82	.80
6.0	.89	.84	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.86	.81	.78	.85	.81	.78	.83	.80	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
9.0	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.76	.73	.71	.70
10.0	.77	.72	.70	.76	.72	.69	.75	.72	.69	.75	.71	.69	.74	.71	.69	.68



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-12

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:

WEC AND CCEC

NAME: VM060-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	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						Wall Exitance Coeffcients(WEC)										
0.0																	
1.0	.146	.083	.026	.139	.079	.025	.125	.072	.023	.112	.065	.021	.100	.058	.019		
2.0	.136	.074	.023	.130	.071	.022	.118	.066	.020	.107	.060	.019	.097	.055	.017		
3.0	.127	.068	.020	.122	.065	.020	.112	.061	.018	.103	.056	.017	.094	.052	.016		
4.0	.119	.062	.018	.115	.060	.018	.107	.057	.017	.099	.053	.016	.091	.050	.015		
5.0	.113	.058	.017	.109	.056	.016	.102	.053	.016	.095	.050	.015	.089	.047	.014		
6.0	.107	.054	.015	.104	.052	.015	.097	.050	.015	.092	.048	.014	.086	.045	.013		
7.0	.102	.051	.014	.099	.049	.014	.094	.047	.014	.088	.045	.013	.083	.043	.013		
8.0	.098	.048	.013	.095	.047	.013	.090	.045	.013	.085	.043	.012	.081	.042	.012		
9.0	.094	.045	.013	.091	.045	.012	.087	.043	.012	.083	.041	.012	.079	.040	.012		
10.0	.090	.043	.012	.088	.042	.012	.084	.041	.012	.080	.040	.011	.076	.038	.011		

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	.188	.177	.166	.161	.152	.143	.110	.104	.099	.063	.060	.058	.020	.019	.019	
2.0	.170	.152	.136	.146	.131	.118	.100	.090	.082	.058	.053	.048	.019	.017	.016	
3.0	.156	.132	.114	.134	.114	.099	.092	.079	.069	.053	.046	.041	.017	.015	.013	
4.0	.144	.117	.097	.124	.101	.084	.085	.071	.059	.049	.041	.035	.016	.013	.012	
5.0	.134	.105	.084	.115	.091	.073	.079	.064	.052	.046	.037	.031	.015	.012	.010	
6.0	.126	.095	.074	.108	.083	.064	.074	.058	.045	.043	.034	.027	.014	.011	.009	
7.0	.118	.087	.066	.102	.076	.057	.070	.053	.041	.041	.031	.024	.013	.010	.008	
8.0	.112	.081	.059	.097	.070	.052	.067	.049	.037	.039	.029	.022	.013	.010	.007	
9.0	.107	.075	.054	.092	.065	.047	.064	.046	.034	.037	.027	.020	.012	.009	.007	
10.0	.102	.071	.050	.088	.061	.044	.061	.043	.031	.036	.026	.018	.012	.008	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-12

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-VF62RA01-15W						TYPE:indoor lights			WEIGHT:1		
SPEC.:3000K-CRI90-38D						DIM.:			SERIAL No.:		
						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		4.5	5.2	4.8	5.4	5.6	3.7	4.4	3.9	4.6	4.8
3H		4.4	5.1	4.7	5.3	5.5	3.7	4.3	4.0	4.5	4.8
4H		4.4	5.0	4.7	5.3	5.5	3.7	4.3	4.0	4.6	4.8
6H		4.4	5.0	4.7	5.2	5.5	3.9	4.4	4.2	4.7	5.0
8H		4.4	4.9	4.7	5.2	5.5	4.0	4.5	4.3	4.8	5.1
12H		4.4	4.9	4.7	5.2	5.5	4.0	4.6	4.4	4.9	5.2
4H 2H		4.3	4.9	4.6	5.2	5.4	3.5	4.1	3.8	4.4	4.6
3H		4.2	4.8	4.6	5.1	5.4	3.5	4.1	3.9	4.4	4.7
4H		4.2	4.7	4.6	5.1	5.4	3.6	4.1	4.0	4.5	4.8
6H		4.3	4.7	4.7	5.1	5.4	3.9	4.3	4.3	4.7	5.1
8H		4.3	4.7	4.7	5.1	5.5	4.1	4.5	4.5	4.9	5.3
12H		4.3	4.7	4.8	5.1	5.5	4.2	4.6	4.7	5.0	5.4
8H 4H		4.2	4.6	4.6	5.0	5.4	3.6	4.0	4.0	4.4	4.8
6H		4.3	4.6	4.7	5.0	5.5	4.0	4.3	4.4	4.7	5.2
8H		4.3	4.6	4.8	5.1	5.6	4.2	4.5	4.7	5.0	5.5
12H		4.4	4.7	4.9	5.2	5.7	4.5	4.7	5.0	5.2	5.7
12H 4H		4.1	4.5	4.6	4.9	5.4	3.6	3.9	4.0	4.3	4.8
6H		4.3	4.6	4.7	5.0	5.5	4.0	4.3	4.5	4.7	5.2
8H		4.4	4.6	4.9	5.1	5.6	4.3	4.5	4.8	5.0	5.5
Variations with the observer position at spacings:											
S = 1.0H		+ 3.3 / - 4.0					+ 2.3 / - 2.4				
1.5H		+ 5.7 / - 3.9					+ 4.4 / - 2.2				
2.0H		+ 1.6 / - 0.4					+ 1.1 / - 0.3				

CIE Pub.117, 1177 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.6$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-12

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-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

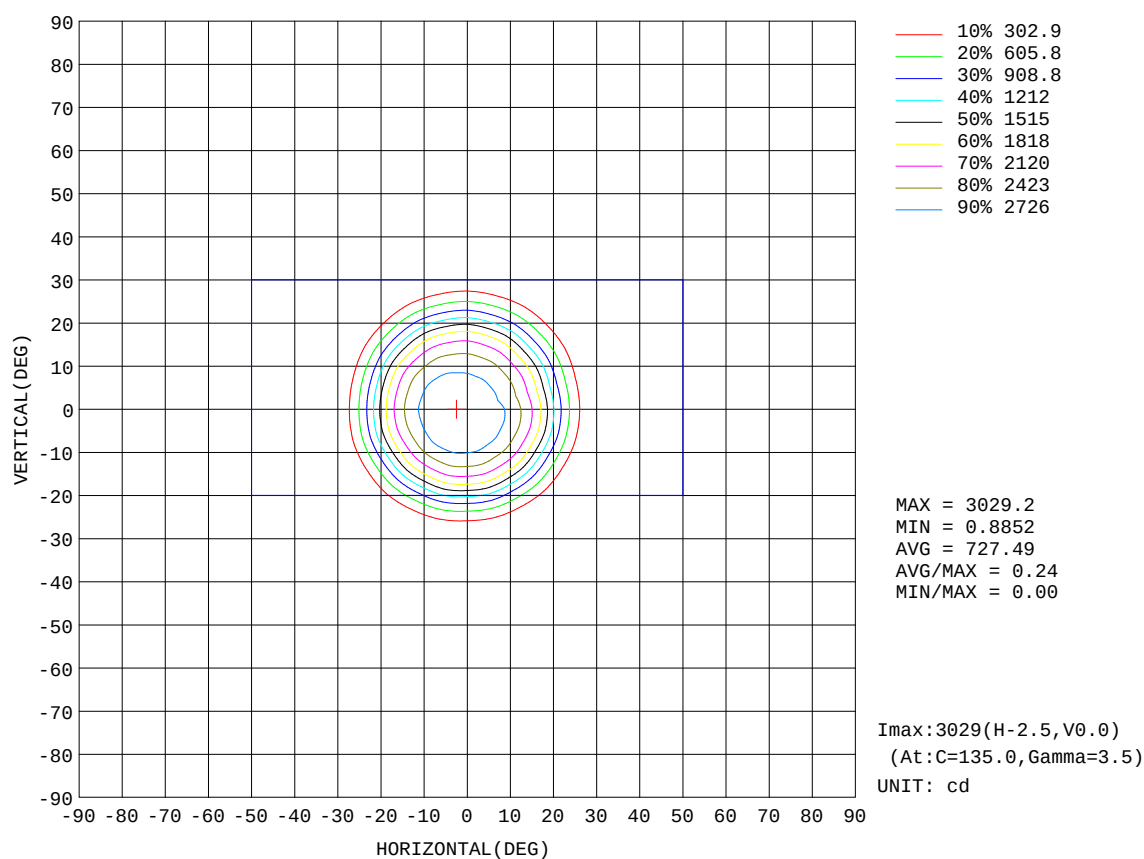
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	90	84	81	89	84	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	90
1.50	107	102	99	105	101	99	103	100	97	93
2.00	109	105	102	107	104	101	104	101	99	94
2.50	110	107	104	109	105	103	105	103	101	94
3.00	112	109	106	110	107	105	106	104	102	95
4.00	114	111	109	111	109	108	107	106	104	97
5.00	115	113	111	113	111	109	108	107	106	98
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:2021-08-12

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-VF62RA01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

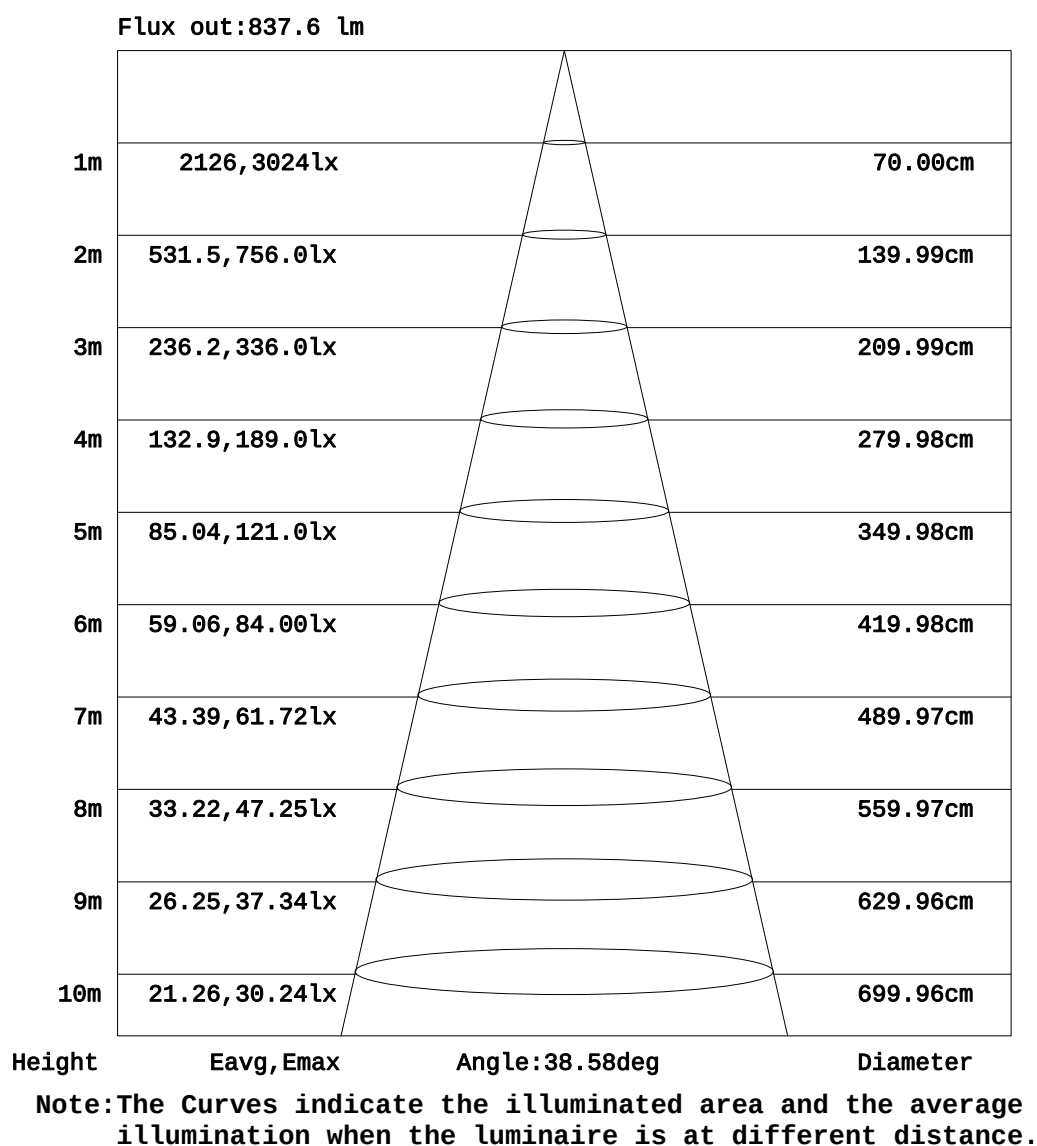


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-12

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-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

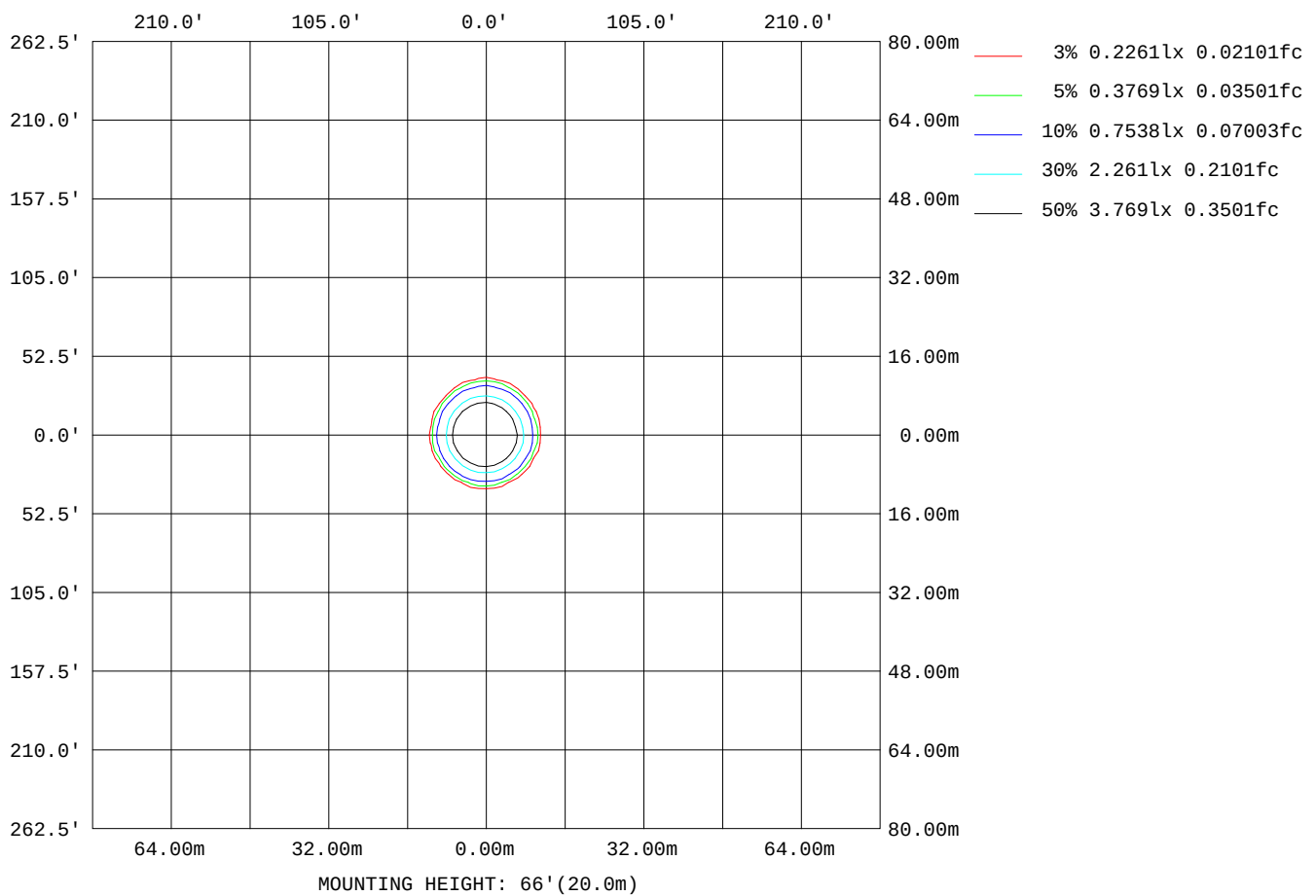


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-12

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-VF62RA01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-12

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:

LED Avg.L Report

NAME: VM060-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

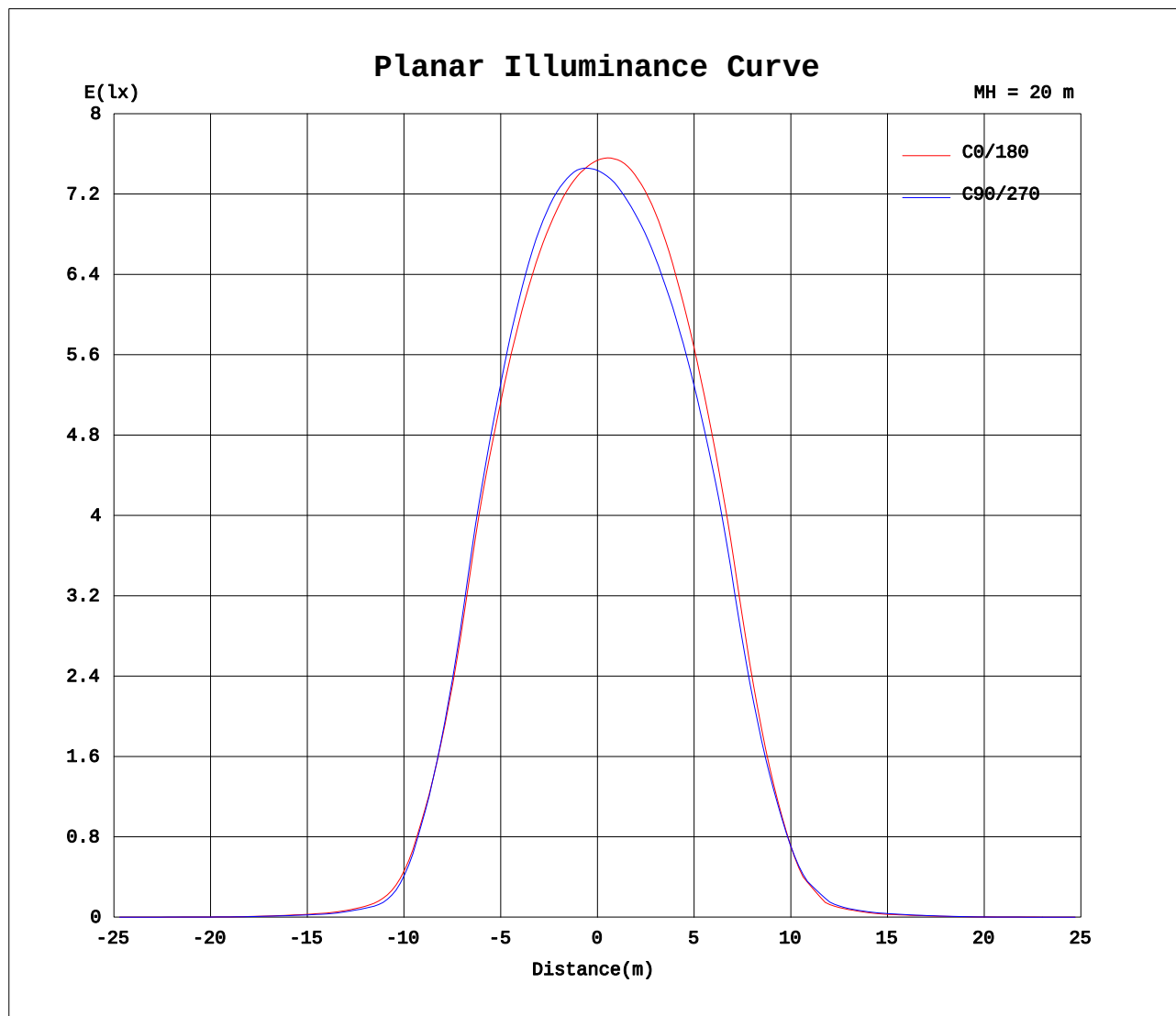
AvgL	cd/m2
L_0~180(65)av	681
L_0~180(75)av	703
L_0~180(85)av	1267
L_90~270(65)av	738
L_90~270(75)av	918
L_90~270(85)av	1492
L_45(65)av	709
L_45(75)av	820
L_45(85)av	1470

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-12

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: 2021-08-12

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-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	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	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979	2979
5	2869	2885	2897	2919	2931	2952	2964	2986	2993	3004	2997	2993	2974	2955	2940	2921	2901	2878	2866
10	2605	2631	2635	2668	2679	2722	2739	2778	2791	2821	2818	2823	2787	2760	2754	2720	2694	2654	2635
15	2103	2126	2106	2141	2138	2192	2202	2262	2271	2324	2333	2380	2347	2331	2339	2294	2284	2237	2223
20	1215	1230	1187	1220	1201	1261	1267	1358	1379	1476	1501	1590	1558	1545	1582	1537	1541	1467	1455
25	428	419	382	395	376	409	415	463	491	555	577	637	615	622	654	637	648	608	604
30	85.2	80.2	71.4	69.5	67.5	68.0	68.1	73.0	75.9	88.3	92.8	122	119	112	133	122	146	125	142
35	30.4	28.8	26.4	25.4	24.2	24.6	24.3	25.1	25.4	27.8	29.2	33.0	33.1	34.1	37.6	37.3	39.2	39.1	40.0
40	12.8	12.2	11.1	10.8	10.3	10.7	10.6	11.4	11.6	12.4	12.9	14.1	14.2	14.6	15.7	15.8	16.8	16.7	17.1
45	3.01	3.02	2.89	2.89	2.88	3.11	3.17	3.44	3.50	3.64	3.78	4.08	3.94	3.86	4.04	3.83	3.94	3.71	3.68
50	1.38	1.39	1.40	1.43	1.46	1.52	1.57	1.62	1.64	1.71	1.70	1.78	1.72	1.64	1.64	1.57	1.53	1.45	1.41
55	0.99	0.99	1.01	1.01	1.04	1.06	1.09	1.10	1.11	1.12	1.13	1.12	1.09	1.08	1.07	1.07	1.05	1.03	1.00
60	0.75	0.74	0.77	0.77	0.80	0.80	0.84	0.83	0.84	0.82	0.83	0.81	0.78	0.77	0.76	0.77	0.76	0.76	0.74
65	0.58	0.59	0.63	0.63	0.67	0.67	0.70	0.69	0.69	0.65	0.65	0.61	0.58	0.57	0.55	0.58	0.56	0.58	0.55
70	0.48	0.49	0.54	0.55	0.60	0.60	0.63	0.61	0.61	0.56	0.54	0.49	0.43	0.44	0.42	0.45	0.43	0.45	0.43
75	0.39	0.41	0.48	0.50	0.56	0.58	0.61	0.58	0.56	0.50	0.46	0.39	0.34	0.34	0.34	0.36	0.35	0.36	0.35
80	0.30	0.29	0.41	0.44	0.50	0.51	0.54	0.52	0.51	0.44	0.39	0.28	0.24	0.27	0.28	0.30	0.29	0.31	0.29
85	0.24	0.24	0.26	0.26	0.27	0.28	0.29	0.30	0.30	0.30	0.29	0.25	0.20	0.23	0.22	0.24	0.23	0.25	0.23
90	0.24	0.25	0.24	0.25	0.24	0.25	0.24	0.24	0.24	0.24	0.25	0.24	0.21	0.21	0.22	0.22	0.22	0.22	0.23
95	0.24	0.26	0.24	0.26	0.24	0.25	0.24	0.25	0.24	0.26	0.25	0.25	0.24	0.22	0.23	0.22	0.23	0.23	0.24
100	0.26	0.27	0.27	0.27	0.24	0.26	0.24	0.26	0.24	0.27	0.27	0.27	0.27	0.24	0.25	0.23	0.25	0.24	0.25
105	0.27	0.32	0.29	0.27	0.25	0.27	0.25	0.27	0.25	0.29	0.30	0.32	0.29	0.25	0.26	0.24	0.26	0.24	0.26
110	0.30	0.37	0.34	0.30	0.27	0.30	0.28	0.30	0.28	0.32	0.35	0.36	0.33	0.27	0.28	0.25	0.28	0.26	0.28
115	0.48	0.58	0.57	0.46	0.46	0.47	0.45	0.45	0.44	0.47	0.53	0.51	0.47	0.39	0.38	0.36	0.38	0.37	0.39
120	1.08	1.25	1.25	1.07	1.10	1.06	1.04	0.98	0.98	0.90	1.08	1.04	0.96	0.86	0.81	0.81	0.80	0.84	0.84
125	2.37	2.60	2.41	2.38	2.39	2.33	2.27	2.19	2.19	2.03	2.00	2.14	2.07	1.93	1.86	1.88	1.87	1.93	1.94
130	4.27	4.26	4.37	4.40	4.33	4.23	4.15	4.00	4.01	3.92	3.73	3.56	3.63	3.62	3.55	3.59	3.57	3.68	3.70
135	6.80	6.80	7.10	6.83	6.75	6.65	6.54	6.35	6.43	6.39	6.26	5.87	5.93	5.92	5.82	5.88	5.86	5.99	6.04
140	9.82	10.1	10.1	9.48	9.50	9.39	9.28	9.08	9.01	8.79	9.32	9.15	8.96	8.66	8.49	8.54	8.54	8.70	8.75
145	12.8	13.1	12.5	12.3	12.4	12.2	12.2	12.0	11.9	11.7	11.9	12.1	12.0	11.5	11.4	11.4	11.4	11.6	11.7
150	14.8	14.8	14.9	14.9	14.9	14.9	14.8	14.7	14.6	14.4	14.3	14.2	14.3	14.2	14.1	14.2	14.2	14.4	14.4
155	16.4	16.9	16.5	16.5	16.6	16.6	16.6	16.6	16.7	16.4	16.4	16.7	16.3	16.3	16.3	16.3	16.4	16.5	16.5
160	17.4	17.6	16.7	17.0	17.0	17.1	17.1	17.3	17.4	17.5	17.1	18.4	18.2	17.1	17.2	17.4	17.4	17.5	17.5
165	15.9	15.9	15.7	15.9	16.1	16.4	16.6	16.7	16.6	16.6	16.6	17.6	17.1	16.7	17.0	17.0	16.7	17.1	17.0
170	14.3	14.2	14.2	14.3	14.5	14.7	14.9	15.1	15.0	15.2	15.4	15.5	15.3	15.3	15.4	15.3	15.2	15.2	15.1
175	13.6	13.6	13.6	13.9	14.0	13.9	13.9	14.1	14.2	14.5	14.6	14.5	14.3	14.4	14.5	14.5	14.4	14.2	14.1
180	14.1	14.1	14.1	14.3	14.1	14.1	14.1	14.1	14.2	14.4	14.3	14.2	14.2	14.1	14.2	14.3	14.2	14.1	14.1

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-12

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-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	2979	2979	2979	2979	2979														
5	2855	2853	2851	2856	2857														
10	2612	2608	2595	2596	2586														
15	2173	2155	2110	2102	2073														
20	1377	1356	1271	1257	1188														
25	563	543	495	473	418														
30	119	123	106	101	87.6														
35	37.7	37.3	35.0	34.1	30.9														
40	16.3	15.9	14.6	14.3	12.8														
45	3.38	3.36	3.12	3.13	2.92														
50	1.35	1.33	1.32	1.32	1.34														
55	0.99	0.96	0.96	0.95	0.96														
60	0.74	0.72	0.72	0.70	0.71														
65	0.57	0.55	0.55	0.53	0.54														
70	0.45	0.42	0.44	0.41	0.43														
75	0.36	0.34	0.35	0.32	0.34														
80	0.31	0.29	0.29	0.27	0.26														
85	0.24	0.22	0.23	0.22	0.22														
90	0.22	0.22	0.21	0.22	0.22														
95	0.23	0.24	0.22	0.23	0.22														
100	0.24	0.25	0.24	0.25	0.24														
105	0.24	0.26	0.24	0.26	0.25														
110	0.27	0.29	0.26	0.29	0.28														
115	0.40	0.42	0.42	0.45	0.48														
120	0.91	0.93	1.01	1.03	1.13														
125	2.06	2.12	2.24	2.29	2.42														
130	3.88	3.95	4.14	4.21	4.37														
135	6.25	6.35	6.58	6.67	6.88														
140	8.99	9.07	9.32	9.41	9.74														
145	11.9	12.0	12.2	12.3	12.5														
150	14.6	14.6	14.8	14.8	15.0														
155	16.6	16.5	16.6	16.5	16.6														
160	17.5	17.2	17.1	16.9	16.8														
165	17.0	16.4	16.1	16.2	15.9														
170	15.0	14.8	14.6	14.5	14.5														
175	14.1	14.2	14.2	13.9	13.9														
180	14.1	14.2	14.4	14.3	14.2														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-12

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: