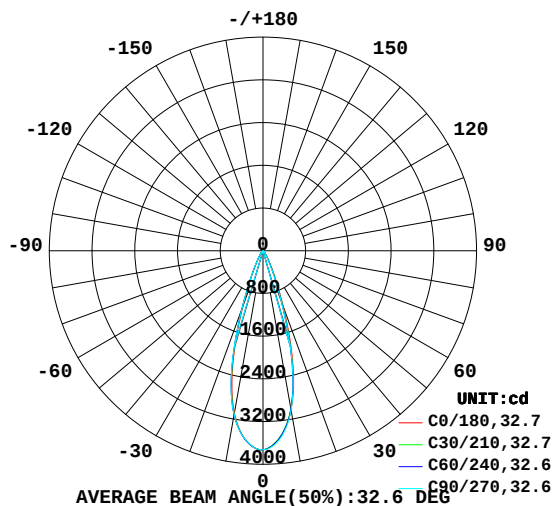


LUMINAIRE PHOTOMETRIC TEST REPORT

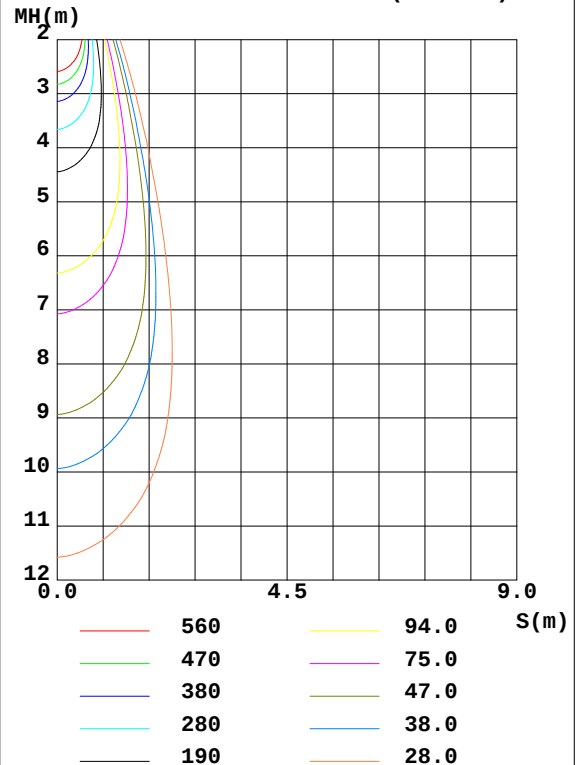
NAME: VM060-VF62RF03-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.44 lm/W			
MODEL	BXRE-30G1000-C-7X	Imax(cd)	3729	S/MH(C0/180)	0.51
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.52
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1287.8	η UP, DN(C0-180)	1.2, 47.9
NOMINAL FLUX(lm)	1287.76	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2, 49.7
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	0.50

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: 2021-08-10

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:

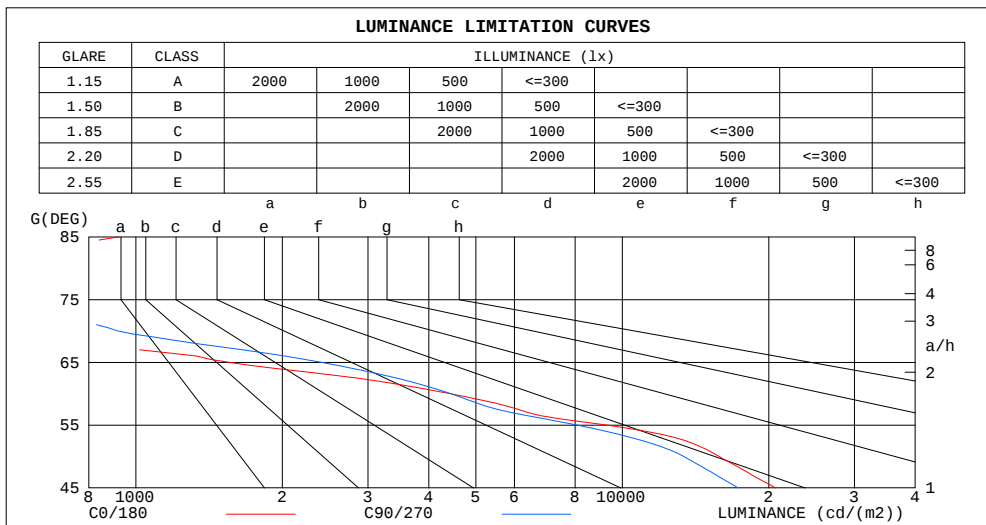
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3030	3028	3032	3102	3089	3095	3120	3052	0- 10	324.1	324.1	25.2, 25.2
20	1109	1058	984.2	1075	1099	1125	1154	1111	10- 20	573.2	897.3	69.7, 69.7
30	224.4	204.5	182.4	203.8	208.4	214.9	225.5	227.0	20- 30	231.7	1129	87.7, 87.7
40	72.84	64.92	58.87	59.68	62.26	66.44	71.31	73.36	30- 40	72.13	1201	93.3, 93.3
50	33.47	29.90	28.53	29.39	30.91	30.13	31.82	32.48	40- 50	34.93	1236	96, 96
60	7.294	8.248	7.378	7.671	7.009	7.900	8.568	9.013	50- 60	15.91	1252	97.2, 97.2
70	0.2347	1.439	1.042	0.9747	0.4307	1.189	1.528	1.695	60- 70	3.831	1256	97.5, 97.5
80	0.2372	0.2467	0.2256	0.2750	0.2523	0.2207	0.1991	0.2062	70- 80	0.4358	1256	97.6, 97.6
90	0.2774	0.2996	0.2808	0.3183	0.2741	0.2732	0.2632	0.2572	80- 90	0.2789	1257	97.6, 97.6
100	0.3617	0.3812	0.3738	0.3949	0.3950	0.3546	0.3805	0.3503	90-100	0.3509	1257	97.6, 97.6
110	0.5633	0.5928	0.6033	0.6235	0.6299	0.5725	0.5665	0.5563	100-110	0.4915	1257	97.6, 97.6
120	1.317	1.341	1.407	1.396	1.421	1.323	1.238	1.303	110-120	0.8631	1258	97.7, 97.7
130	4.165	4.232	4.396	4.271	4.298	4.124	3.986	4.152	120-130	2.244	1260	97.9, 97.9
140	9.617	9.723	9.925	9.717	9.707	9.509	9.358	9.579	130-140	5.181	1266	98.3, 98.3
150	15.43	15.52	15.79	15.60	15.65	15.47	15.39	15.45	140-150	7.891	1274	98.9, 98.9
160	17.54	17.77	18.03	18.12	18.03	18.13	18.24	17.87	150-160	7.932	1282	99.5, 99.5
170	15.21	15.01	15.41	15.61	15.79	15.82	15.76	15.34	160-170	4.860	1286	99.9, 99.9
180	14.03	14.19	13.94	14.29	14.07	14.18	13.95	14.28	170-180	1.401	1288	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: 2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	925	833
80	415	391
75	277	260
70	208	917
65	1552	2404
60	4430	4444
55	9290	8068
50	15809	13367
45	20653	17309

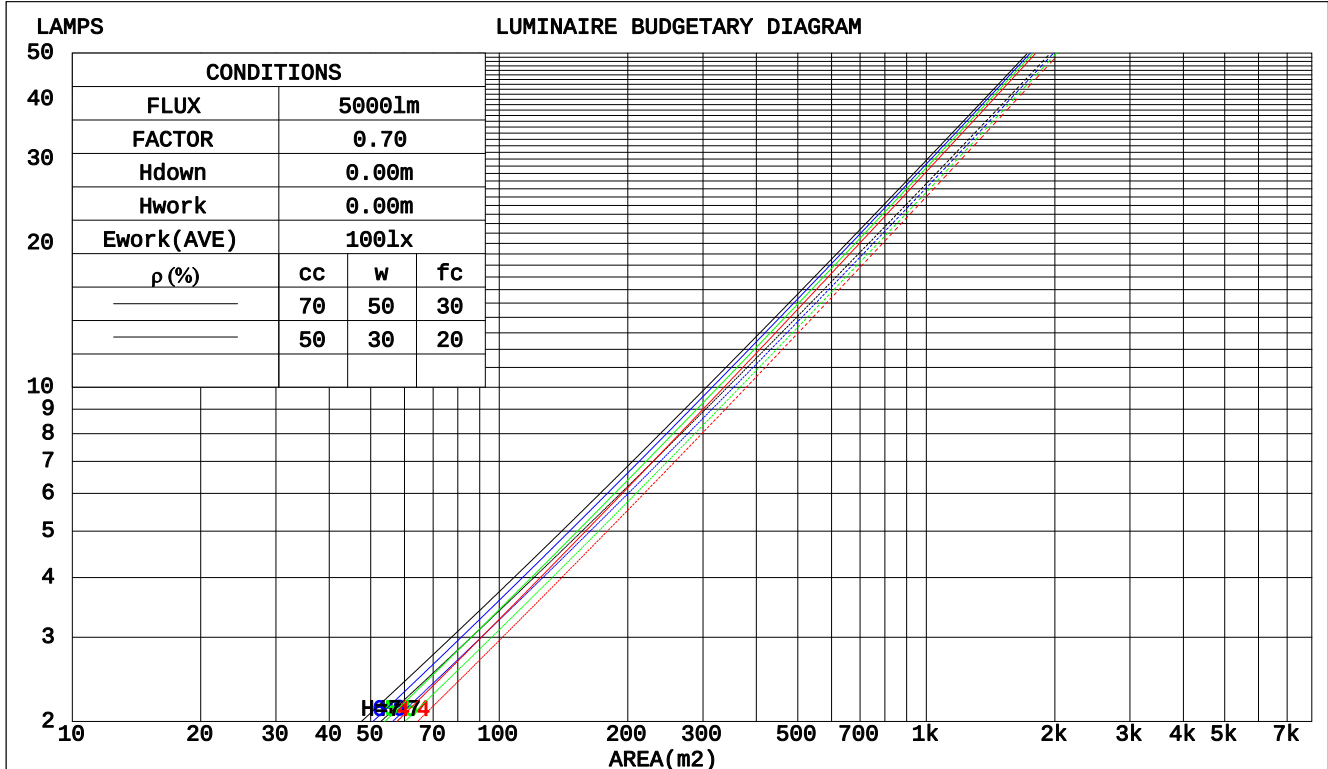
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	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	1.09	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.00	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.04	1.01	.98	1.00	.98	.96	.97	.95	.93	.94	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.91	.88	.91	.89	.87	.85
4.0	.95	.91	.87	.94	.90	.87	.92	.88	.86	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.86	.83	.90	.86	.82	.88	.84	.82	.86	.83	.81	.85	.82	.80	.78
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.83	.80	.77	.82	.79	.77	.75
7.0	.84	.79	.76	.83	.79	.75	.82	.78	.75	.80	.77	.74	.79	.76	.74	.73
8.0	.81	.76	.73	.80	.75	.72	.79	.75	.72	.78	.74	.72	.77	.73	.71	.70
9.0	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.74	.71	.69	.68
10.0	.75	.70	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.72	.69	.66	.65



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-10

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:

WEC AND CCEC

NAME: VM060-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	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 Coefficients(WEC)										
0.0																	
1.0	.152	.086	.027	.144	.082	.026	.131	.075	.024	.118	.068	.022	.106	.061	.020		
2.0	.142	.078	.024	.136	.075	.023	.124	.069	.021	.114	.064	.020	.104	.059	.018		
3.0	.133	.071	.021	.128	.069	.021	.118	.064	.019	.109	.060	.018	.101	.056	.017		
4.0	.126	.065	.019	.121	.063	.019	.113	.060	.018	.105	.056	.017	.097	.053	.016		
5.0	.119	.061	.018	.115	.059	.017	.108	.056	.016	.101	.053	.016	.094	.050	.015		
6.0	.113	.056	.016	.109	.055	.016	.103	.053	.015	.097	.050	.015	.091	.048	.014		
7.0	.107	.053	.015	.104	.052	.015	.098	.050	.014	.093	.048	.014	.088	.046	.013		
8.0	.102	.050	.014	.100	.049	.014	.094	.047	.013	.090	.045	.013	.085	.044	.013		
9.0	.098	.047	.013	.095	.046	.013	.091	.045	.013	.086	.043	.012	.082	.042	.012		
10.0	.094	.045	.012	.091	.044	.012	.087	.043	.012	.083	.041	.012	.080	.040	.012		

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	.176	.165	.161	.151	.142	.110	.104	.099	.063	.060	.057	.020	.019	.019	
2.0	.171	.151	.135	.146	.130	.117	.100	.090	.081	.058	.052	.048	.019	.017	.016	
3.0	.157	.132	.112	.135	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
4.0	.145	.117	.096	.125	.101	.083	.086	.071	.059	.050	.041	.035	.016	.013	.011	
5.0	.135	.105	.083	.116	.091	.072	.080	.064	.051	.046	.037	.030	.015	.012	.010	
6.0	.127	.095	.073	.109	.083	.063	.075	.058	.045	.044	.034	.027	.014	.011	.009	
7.0	.120	.088	.065	.103	.076	.056	.071	.053	.040	.041	.031	.024	.013	.010	.008	
8.0	.114	.081	.058	.098	.070	.051	.068	.049	.036	.039	.029	.022	.013	.010	.007	
9.0	.108	.075	.053	.093	.066	.047	.065	.046	.033	.038	.027	.020	.012	.009	.007	
10.0	.103	.071	.049	.089	.062	.043	.062	.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:2021-08-10

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-VF62RF03-15W						TYPE:indoor lights			WEIGHT:1		
SPEC.:3000K-CRI90-24D						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						13.6	14.4	13.9	14.6	14.8	12.7
3H						13.5	14.2	13.8	14.4	14.6	12.6
4H						13.4	14.1	13.7	14.3	14.6	12.5
6H						13.3	13.9	13.6	14.2	14.5	12.4
8H						13.3	13.9	13.6	14.1	14.4	12.4
12H						13.2	13.8	13.6	14.1	14.4	12.3
4H 2H						13.5	14.1	13.8	14.4	14.6	12.6
3H						13.3	13.9	13.7	14.2	14.5	12.5
4H						13.2	13.8	13.6	14.1	14.4	12.4
6H						13.1	13.6	13.5	14.0	14.4	12.3
8H						13.1	13.5	13.5	13.9	14.3	12.2
12H						13.0	13.4	13.5	13.8	14.3	12.2
8H 4H						13.1	13.5	13.5	13.9	14.3	12.2
6H						13.0	13.3	13.4	13.7	14.2	12.1
8H						12.9	13.2	13.4	13.7	14.2	12.1
12H						12.9	13.1	13.4	13.6	14.1	12.0
12H 4H						13.0	13.4	13.5	13.8	14.3	12.2
6H						12.9	13.2	13.4	13.7	14.2	12.0
8H						12.8	13.1	13.4	13.6	14.1	12.0
Variations with the observer position at spacings:											
S = 1.0H						+ 2.3 / - 4.9			+ 2.0 / - 4.4		
1.5H						+ 2.7 / - 3.0			+ 1.9 / - 2.8		
2.0H						+ 3.9 / - 5.7			+ 3.6 / - 5.7		

CIE Pub.117, 1288 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:2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

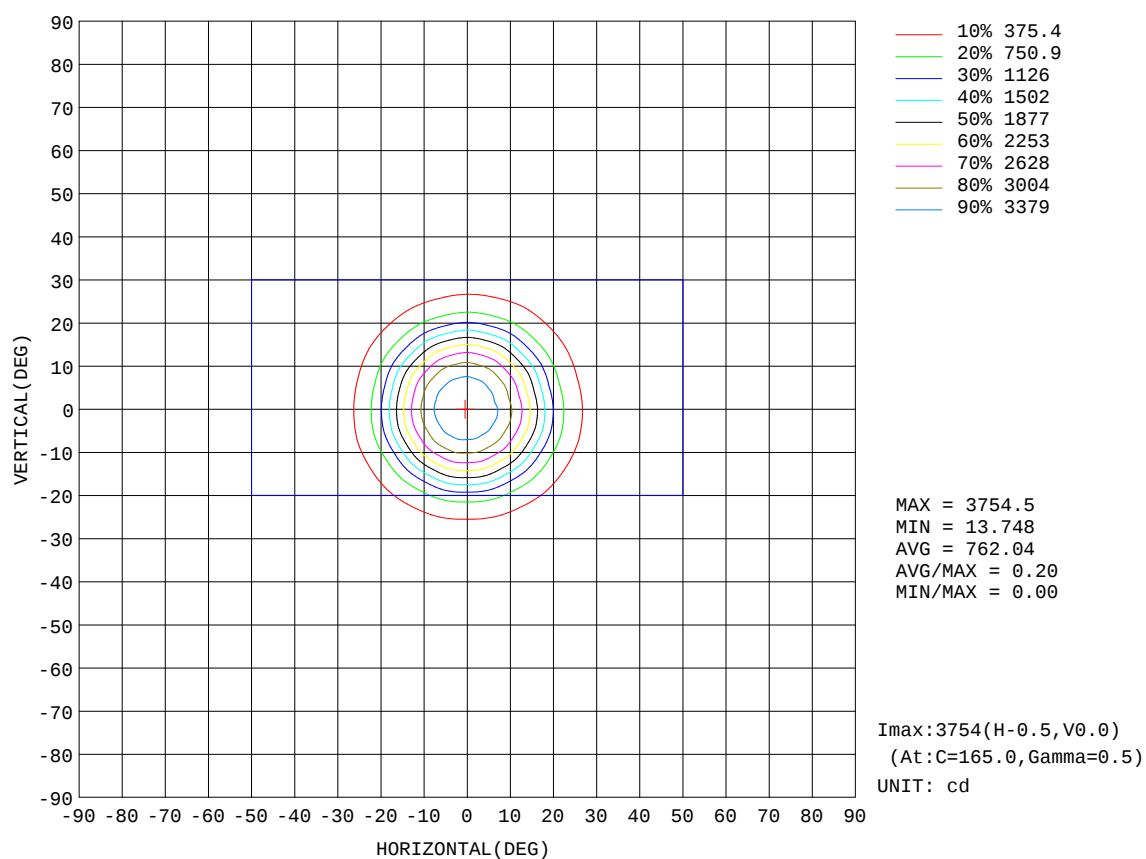
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	81	77	87	81	77	86	80	77	74
0.80	95	89	85	94	89	85	92	88	85	81
1.00	99	93	90	98	93	90	96	92	89	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	106	101	98	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	105	102	104	102	100	93
3.00	111	108	105	109	106	104	106	103	101	94
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	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: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

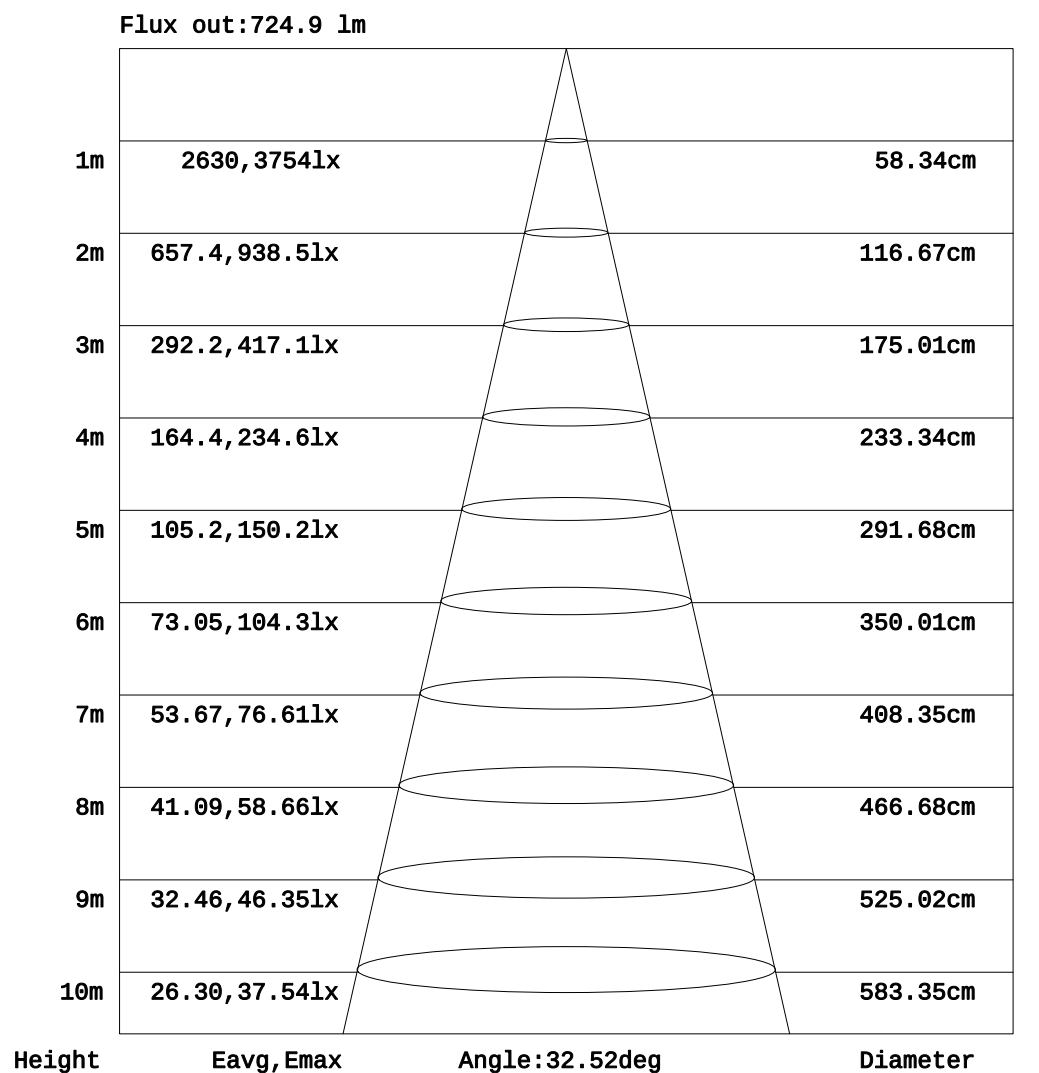


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



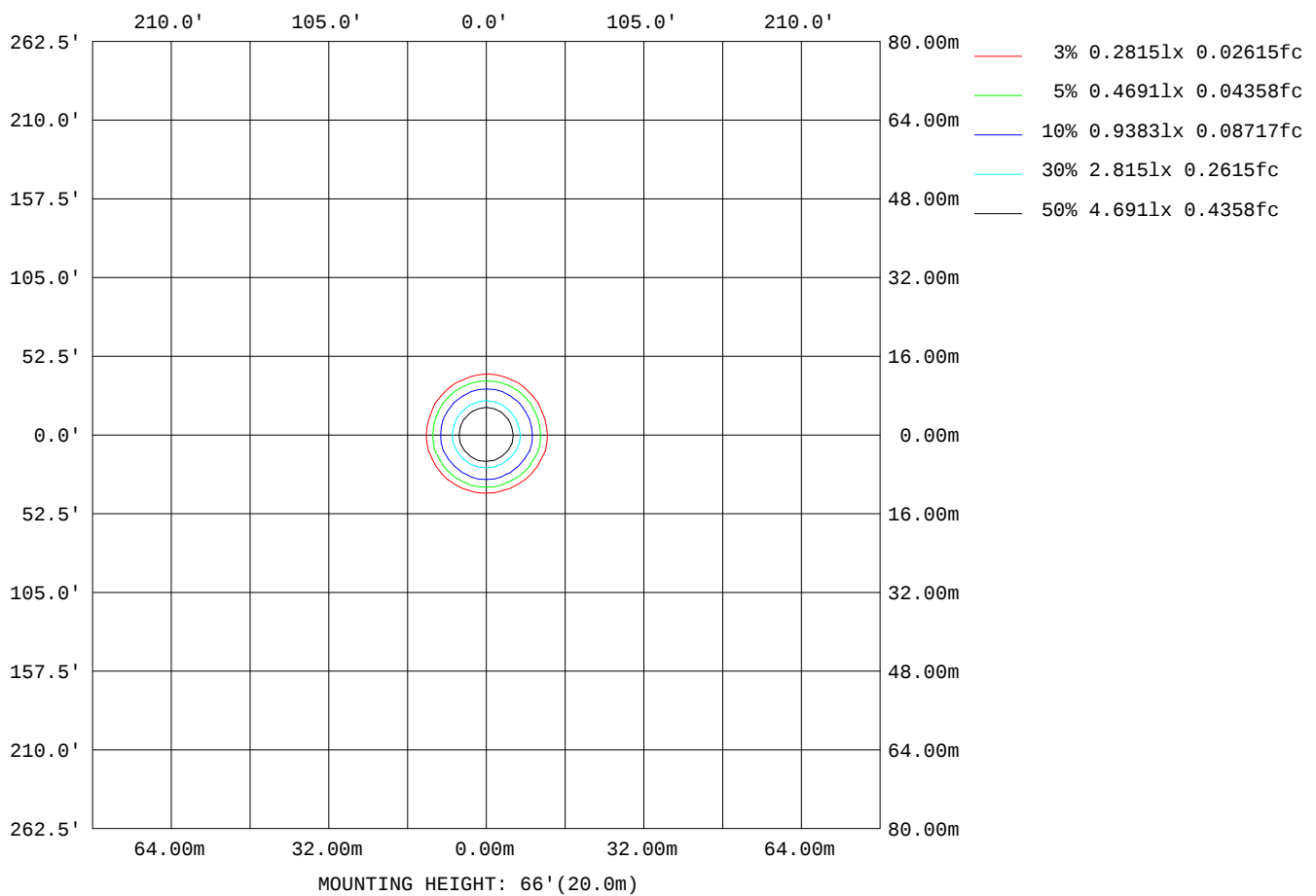
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-10

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-VF62RF03-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

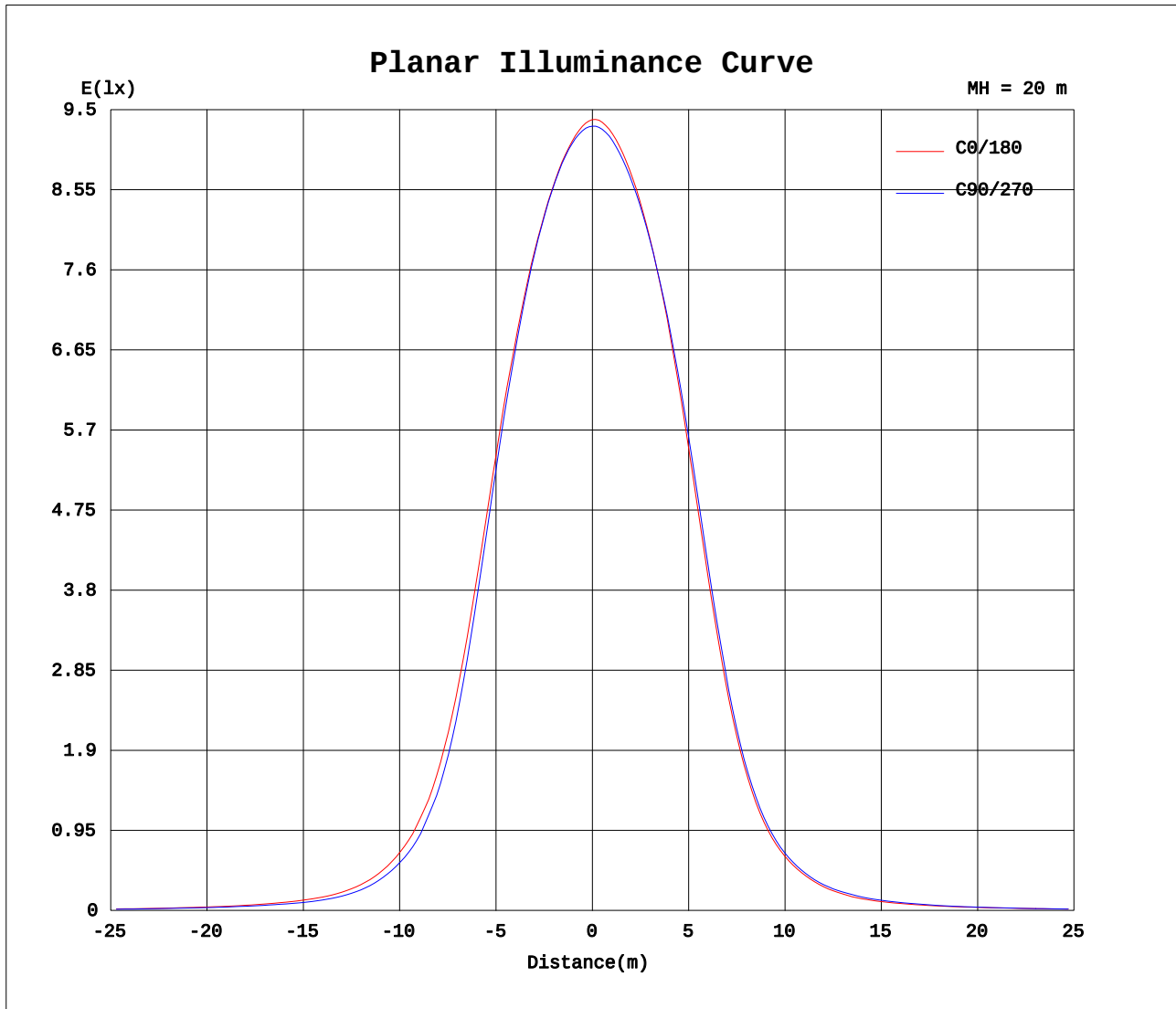
AvgL	cd/m2
L_0~180(65)av	1500
L_0~180(75)av	278
L_0~180(85)av	934
L_90~270(65)av	2729
L_90~270(75)av	240
L_90~270(85)av	807
L_45(65)av	2781
L_45(75)av	268
L_45(85)av	893

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-10

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: 2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	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	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727	3727
5	3526	3532	3518	3532	3528	3549	3548	3571	3569	3585	3577	3592	3573	3563	3574	3567	3578	3567	3573
10	3030	3036	3006	3028	3008	3040	3032	3073	3064	3102	3087	3121	3089	3076	3103	3095	3123	3104	3120
15	2150	2160	2102	2118	2069	2103	2079	2141	2123	2182	2166	2227	2180	2168	2224	2206	2256	2224	2262
20	1109	1119	1060	1058	1000	1014	984	1031	1019	1075	1070	1129	1099	1089	1143	1125	1158	1119	1154
25	485	490	460	449	419	420	406	425	424	448	450	477	461	459	484	476	485	474	491
30	224	226	211	204	190	189	182	191	193	204	203	215	208	206	217	215	221	218	225
35	117	116	110	104	97.4	95.1	91.7	93.8	95.0	97.8	98.1	103	101	101	107	108	111	112	117
40	72.8	71.3	67.8	64.9	61.8	60.3	58.9	59.3	58.7	59.7	60.0	62.2	62.3	62.8	65.3	66.4	68.3	68.9	71.3
45	48.1	46.6	44.1	43.0	41.5	41.1	40.6	40.9	40.6	41.5	41.9	43.0	43.2	43.3	43.7	43.8	45.1	45.1	46.5
50	33.5	32.2	30.4	29.9	29.1	29.0	28.5	28.7	28.7	29.4	29.8	30.9	30.9	30.5	30.4	30.1	30.9	31.1	31.8
55	17.5	18.8	17.5	17.0	16.1	16.1	15.4	15.5	15.3	16.1	16.3	17.3	16.8	16.5	17.0	16.7	17.5	17.6	18.4
60	7.29	8.54	8.51	8.25	7.78	7.67	7.38	7.47	7.43	7.67	7.68	7.66	7.01	7.52	8.02	7.90	8.17	8.23	8.57
65	2.16	3.60	4.12	4.05	3.69	3.66	3.37	3.44	3.30	3.44	3.36	3.04	2.04	2.79	3.63	3.66	3.95	4.01	4.28
70	0.23	1.10	1.45	1.44	1.25	1.15	1.04	1.01	0.96	0.97	0.96	0.82	0.43	0.70	1.13	1.19	1.33	1.38	1.53
75	0.24	0.24	0.23	0.22	0.22	0.22	0.22	0.23	0.25	0.28	0.26	0.27	0.24	0.24	0.23	0.22	0.21	0.19	0.19
80	0.24	0.25	0.24	0.25	0.22	0.23	0.23	0.25	0.25	0.28	0.27	0.29	0.25	0.24	0.24	0.22	0.22	0.20	0.20
85	0.27	0.28	0.25	0.27	0.24	0.25	0.24	0.27	0.27	0.30	0.28	0.31	0.27	0.25	0.26	0.24	0.24	0.21	0.23
90	0.28	0.31	0.29	0.30	0.28	0.29	0.28	0.30	0.30	0.32	0.31	0.33	0.27	0.29	0.30	0.27	0.28	0.25	0.26
95	0.31	0.33	0.31	0.34	0.31	0.33	0.31	0.33	0.32	0.36	0.34	0.34	0.32	0.30	0.32	0.32	0.31	0.29	0.31
100	0.36	0.38	0.37	0.38	0.37	0.39	0.37	0.40	0.38	0.40	0.38	0.38	0.40	0.39	0.37	0.38	0.35	0.37	0.38
105	0.44	0.46	0.44	0.46	0.45	0.47	0.46	0.48	0.47	0.48	0.47	0.48	0.49	0.46	0.47	0.44	0.46	0.44	0.46
110	0.56	0.58	0.57	0.59	0.58	0.61	0.60	0.62	0.61	0.62	0.61	0.62	0.63	0.60	0.60	0.57	0.58	0.56	0.57
115	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.87	0.88	0.87	0.86	0.88	0.86	0.84	0.81	0.79	0.78	0.78
120	1.32	1.31	1.35	1.34	1.38	1.37	1.41	1.39	1.42	1.40	1.41	1.37	1.42	1.41	1.34	1.32	1.27	1.26	1.24
125	2.37	2.37	2.43	2.42	2.48	2.47	2.52	2.49	2.52	2.47	2.49	2.42	2.51	2.48	2.39	2.37	2.28	2.29	2.25
130	4.16	4.15	4.27	4.23	4.35	4.31	4.40	4.32	4.37	4.27	4.30	4.19	4.30	4.27	4.13	4.12	4.01	4.04	3.99
135	6.67	6.64	6.78	6.75	6.90	6.84	6.95	6.84	6.89	6.76	6.80	6.65	6.77	6.75	6.57	6.57	6.44	6.50	6.43
140	9.62	9.59	9.75	9.72	9.87	9.82	9.92	9.82	9.86	9.72	9.74	9.59	9.71	9.70	9.50	9.51	9.38	9.44	9.36
145	12.7	12.7	12.8	12.8	12.9	12.9	13.0	12.9	12.9	12.8	12.8	12.7	12.8	12.8	12.6	12.6	12.5	12.5	12.5
150	15.4	15.4	15.5	15.5	15.7	15.7	15.8	15.7	15.7	15.6	15.6	15.5	15.7	15.6	15.5	15.5	15.4	15.4	15.4
155	17.2	17.2	17.3	17.3	17.4	17.5	17.6	17.6	17.6	17.5	17.5	17.5	17.6	17.6	17.5	17.5	17.5	17.5	17.5
160	17.5	17.5	17.5	17.8	17.9	18.0	18.0	18.1	18.1	18.1	18.0	18.0	18.0	18.0	18.1	18.1	18.2	18.2	18.2
165	16.6	16.6	16.6	16.8	17.0	17.2	17.3	17.4	17.3	17.3	17.2	17.3	17.2	17.3	17.4	17.4	17.5	17.5	17.6
170	15.2	15.1	15.0	15.0	15.1	15.3	15.4	15.5	15.5	15.6	15.8	15.9	15.8	15.9	16.0	15.8	15.8	15.8	15.8
175	14.0	13.9	13.8	14.0	14.0	13.9	13.9	14.0	14.2	14.5	14.6	14.6	14.4	14.5	14.7	14.7	14.5	14.4	14.3
180	14.0	14.0	14.0	14.2	14.0	13.9	13.9	13.9	14.0	14.3	14.2	14.1	14.1	14.0	14.0	14.2	14.0	13.9	14.0

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-10

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-VF62RF03-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	3727	3727	3727	3727	3727													
5	3558	3560	3543	3539	3516													
10	3087	3094	3052	3052	3012													
15	2217	2238	2176	2181	2116													
20	1123	1153	1111	1124	1072													
25	487	503	489	493	471													
30	224	233	227	228	220													
35	117	121	118	118	115													
40	71.8	74.0	73.4	73.7	72.0													
45	46.9	47.7	47.5	48.4	47.5													
50	31.8	32.6	32.5	33.3	33.0													
55	18.2	18.9	18.6	19.4	18.3													
60	8.64	8.99	9.01	9.26	7.73													
65	4.28	4.52	4.44	4.35	2.73													
70	1.57	1.69	1.69	1.51	0.60													
75	0.19	0.27	0.20	0.20	0.21													
80	0.20	0.21	0.21	0.22	0.21													
85	0.21	0.23	0.23	0.24	0.24													
90	0.24	0.27	0.26	0.28	0.26													
95	0.29	0.31	0.31	0.31	0.29													
100	0.35	0.37	0.35	0.37	0.36													
105	0.44	0.45	0.44	0.45	0.45													
110	0.55	0.57	0.56	0.58	0.58													
115	0.77	0.78	0.79	0.81	0.82													
120	1.26	1.26	1.30	1.31	1.36													
125	2.30	2.29	2.36	2.38	2.47													
130	4.06	4.04	4.15	4.16	4.30													
135	6.53	6.49	6.63	6.64	6.83													
140	9.47	9.42	9.58	9.58	9.79													
145	12.6	12.5	12.6	12.7	12.8													
150	15.4	15.4	15.4	15.4	15.6													
155	17.5	17.4	17.4	17.3	17.4													
160	18.2	18.0	17.9	17.7	17.6													
165	17.4	17.2	17.0	16.9	16.8													
170	15.6	15.5	15.3	15.3	15.3													
175	14.3	14.4	14.4	14.1	14.1													
180	13.9	14.0	14.3	14.2	14.1													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-10

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: