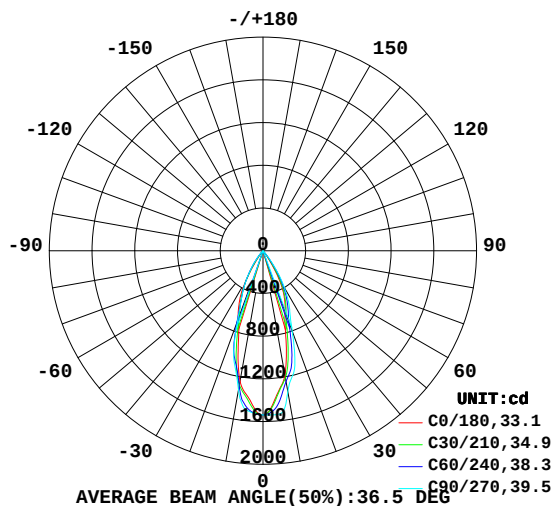


LUMINAIRE PHOTOMETRIC TEST REPORT

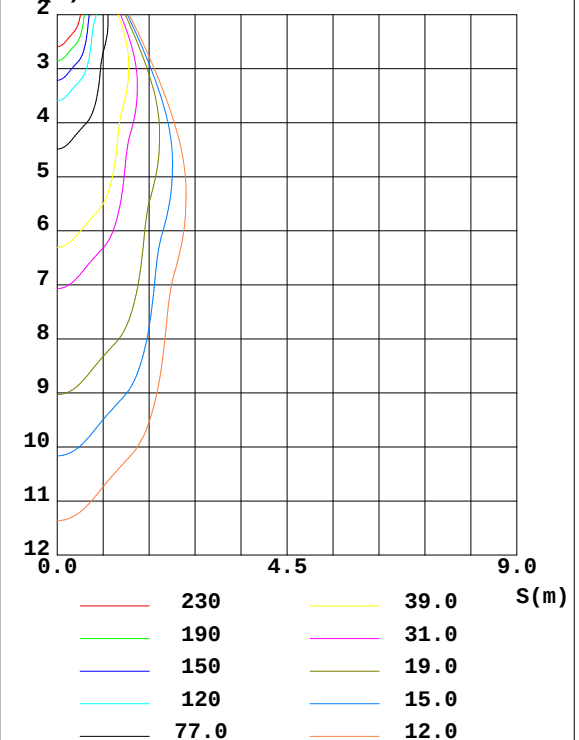
NAME: VM060-VF62RA05-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 56.91 lm/W
MODEL	BXRE-30G1000-C-7X	Imax(cd)	1546	S/MH(C0/180)	0.56	
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.63	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	765.78	η UP, DN(C0-180)	1.2, 51.2	
NOMINAL FLUX(lm)	765.779	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2, 46.4	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	0.65	

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: 2021-08-09

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:

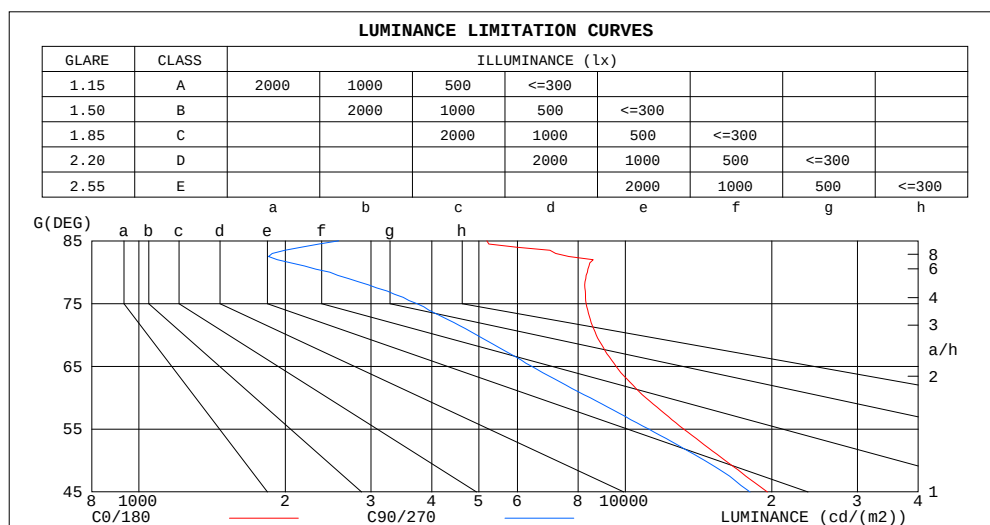
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1183	1232	1341	1305	1240	1264	1325	1179	0- 10	132.6	132.6	17.3,17.3
20	609.3	673.8	801.2	769.1	681.0	687.5	700.0	603.9	10- 20	268.7	401.3	52.4,52.4
30	283.3	354.4	405.2	415.2	312.5	301.1	311.3	272.5	20- 30	229.9	631.2	82.4,82.4
40	13.41	32.42	55.54	42.53	13.34	40.52	58.00	31.97	30- 40	96.92	728.2	95.1,95.1
50	7.605	6.776	6.964	7.099	7.223	7.225	7.502	7.253	40- 50	10.14	738.3	96.4,96.4
60	4.063	3.279	3.151	3.330	3.812	3.955	4.227	3.994	50- 60	4.726	743.0	97,97
70	2.198	1.507	1.260	1.473	1.936	2.047	2.078	2.112	60- 70	2.645	745.7	97.4,97.4
80	1.071	0.5411	0.3192	0.4878	0.7970	0.8663	0.8551	0.9665	70- 80	1.310	747.0	97.5,97.5
90	0.1694	0.1652	0.1657	0.1643	0.1448	0.1452	0.1461	0.1588	80- 90	0.4113	747.4	97.6,97.6
100	0.1688	0.1895	0.1835	0.1954	0.1842	0.1629	0.1837	0.1642	90-100	0.1810	747.6	97.6,97.6
110	0.3284	0.3990	0.4331	0.3733	0.3425	0.3916	0.4673	0.4391	100-110	0.2671	747.8	97.7,97.7
120	1.158	1.168	1.224	1.064	1.075	1.237	1.417	1.404	110-120	0.7354	748.6	97.8,97.8
130	2.898	2.889	2.959	2.646	2.680	3.015	3.330	3.339	120-130	1.782	750.3	98,98
140	5.672	5.515	5.490	5.191	5.393	5.699	5.990	6.087	130-140	3.263	753.6	98.4,98.4
150	8.353	8.113	8.004	7.886	8.198	8.305	8.469	8.533	140-150	4.357	758.0	99,99
160	9.506	9.428	9.448	9.583	9.665	9.678	9.648	9.491	150-160	4.164	762.1	99.5,99.5
170	9.531	9.410	9.624	9.779	9.824	9.782	9.576	9.380	160-170	2.731	764.9	99.9,99.9
180	9.607	9.764	9.752	9.808	9.627	9.773	9.763	9.804	170-180	0.9177	765.8	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:2021-08-09

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-VF62RA05-15W	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	5195	2574
80	8357	2468
75	8306	3725
70	8709	4948
65	9574	6418
60	11012	8463
55	13182	11167
50	16032	14549
45	19591	18046

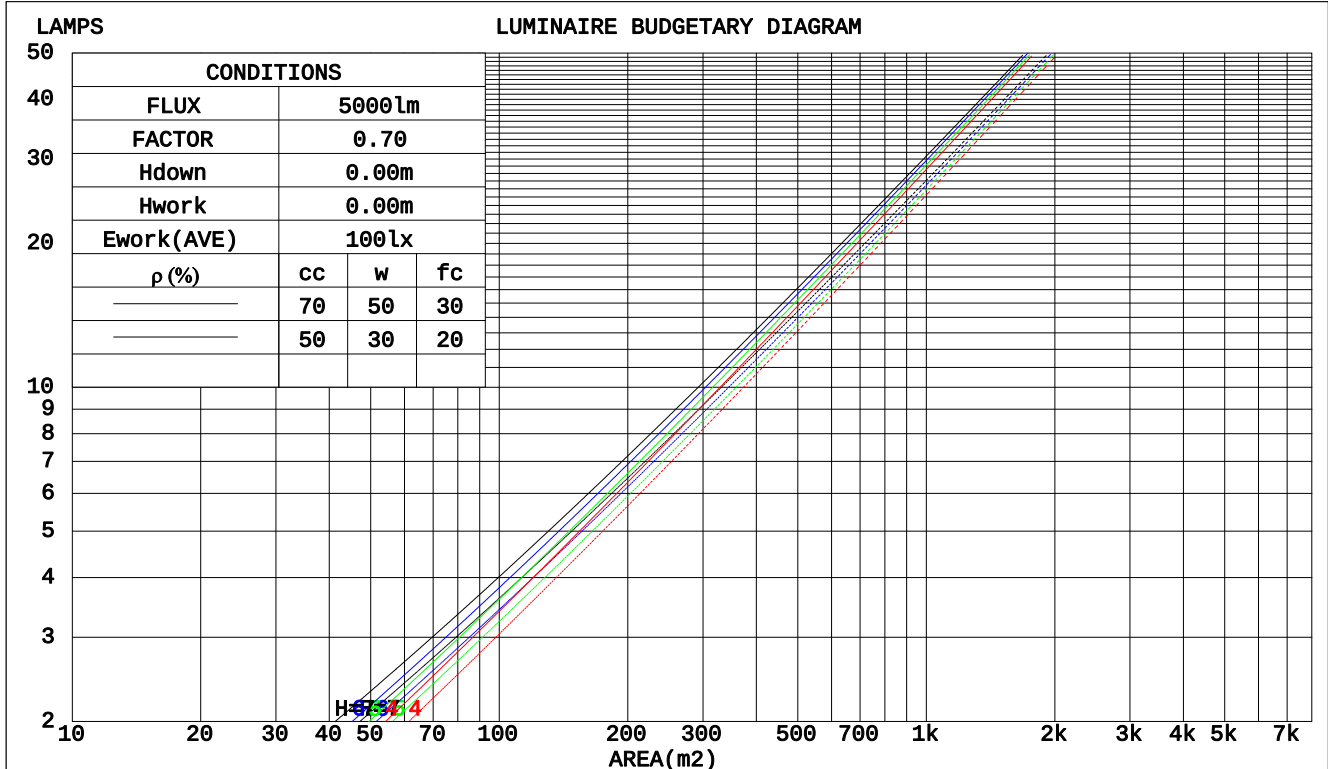
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-09

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-VF62RA05-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.11	1.09	1.07	1.09	1.06	1.05	1.04	1.02	1.01	.00	.99	.98	.96	.95	.94	.92
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.95	.93	.91	.92	.91	.89	.87
3.0	.98	.94	.90	.97	.92	.89	.94	.90	.87	.91	.88	.86	.88	.86	.84	.83
4.0	.93	.88	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.78
5.0	.88	.83	.79	.87	.82	.78	.85	.81	.77	.83	.79	.77	.81	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.79	.75	.73	.78	.74	.72	.71
7.0	.79	.74	.70	.78	.73	.70	.77	.73	.69	.76	.72	.69	.74	.71	.68	.67
8.0	.75	.70	.67	.75	.70	.66	.74	.69	.66	.72	.68	.66	.71	.68	.65	.64
9.0	.72	.67	.63	.72	.67	.63	.70	.66	.63	.69	.65	.63	.69	.65	.62	.61
10.0	.69	.64	.60	.68	.64	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.58



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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-VF62RA05-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	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	.164	.093	.030	.157	.089	.028	.143	.082	.026	.130	.075	.024	.118	.069	.022		
2.0	.155	.085	.026	.149	.082	.025	.137	.076	.024	.126	.071	.022	.116	.066	.021		
3.0	.146	.078	.023	.141	.076	.023	.131	.071	.022	.122	.067	.020	.113	.063	.019		
4.0	.139	.072	.021	.134	.070	.021	.125	.066	.020	.117	.063	.019	.110	.060	.018		
5.0	.132	.067	.019	.128	.066	.019	.120	.063	.018	.113	.060	.018	.106	.057	.017		
6.0	.125	.063	.018	.122	.062	.018	.115	.059	.017	.109	.057	.017	.103	.054	.016		
7.0	.120	.059	.017	.117	.058	.017	.111	.056	.016	.105	.054	.016	.100	.052	.015		
8.0	.114	.056	.016	.112	.055	.016	.106	.053	.015	.101	.051	.015	.097	.050	.014		
9.0	.110	.053	.015	.107	.052	.015	.102	.051	.014	.098	.049	.014	.094	.048	.014		
10.0	.105	.051	.014	.103	.050	.014	.099	.048	.014	.095	.047	.013	.091	.046	.013		

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	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.189	.176	.164	.161	.151	.141	.110	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.173	.151	.133	.148	.130	.115	.101	.090	.080	.058	.052	.047	.019	.017	.015	
3.0	.159	.132	.110	.137	.114	.096	.094	.079	.067	.054	.046	.040	.017	.015	.013	
4.0	.148	.117	.094	.127	.101	.081	.088	.071	.057	.051	.041	.034	.016	.013	.011	
5.0	.139	.105	.081	.119	.091	.070	.082	.064	.050	.048	.037	.029	.015	.012	.010	
6.0	.131	.096	.071	.113	.083	.062	.078	.058	.044	.045	.034	.026	.015	.011	.009	
7.0	.124	.088	.063	.107	.077	.055	.074	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.119	.082	.057	.102	.071	.049	.071	.050	.035	.041	.029	.021	.013	.010	.007	
9.0	.113	.077	.052	.098	.066	.045	.068	.047	.032	.039	.028	.019	.013	.009	.006	
10.0	.109	.072	.048	.094	.063	.042	.065	.044	.030	.038	.026	.018	.012	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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-VF62RA05-15W						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						20.2	21.0	20.4	21.2	21.4	23.3
3H						20.1	20.9	20.4	21.1	21.3	23.1
4H						20.1	20.8	20.4	21.0	21.3	23.0
6H						20.0	20.7	20.4	21.0	21.3	22.9
8H						20.0	20.7	20.4	20.9	21.3	22.9
12H						20.0	20.6	20.3	20.9	21.2	22.9
4H 2H						20.0	20.7	20.3	20.9	21.2	23.0
3H						19.9	20.5	20.2	20.8	21.1	22.9
4H						19.9	20.4	20.2	20.8	21.1	22.8
6H						19.9	20.3	20.3	20.7	21.1	22.7
8H						19.8	20.3	20.3	20.7	21.1	22.6
12H						19.8	20.2	20.3	20.6	21.1	22.6
8H 4H						19.7	20.2	20.2	20.6	21.0	22.6
6H						19.7	20.1	20.2	20.5	21.0	22.5
8H						19.7	20.1	20.2	20.5	21.0	22.5
12H						19.7	20.0	20.2	20.5	21.0	22.4
12H 4H						19.7	20.1	20.1	20.5	20.9	22.6
6H						19.7	20.0	20.2	20.5	21.0	22.5
8H						19.7	20.0	20.2	20.4	21.0	22.4
Variations with the observer position at spacings:											
S = 1.0H						+ 2.8 / - 2.5			+ 4.7 / - 9.1		
1.5H						+ 4.7 / - 2.2			+ 7.4 / - 7.9		
2.0H						+ 1.3 / - 1.1			+ 1.8 / - 1.6		

CIE Pub.117, 765.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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-VF62RA05-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

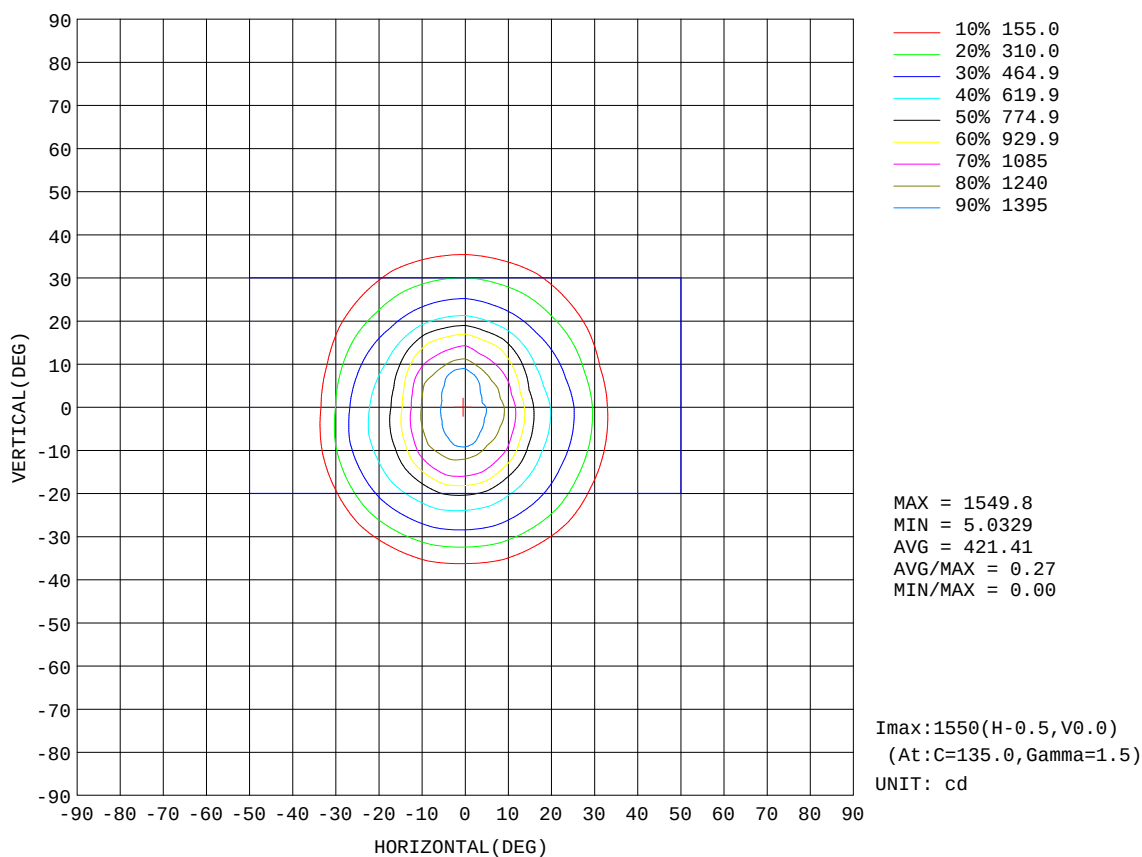
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	105	101	98	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	106	109	107	104	106	104	102	95
4.00	113	111	109	111	109	107	107	105	104	96
5.00	115	113	111	112	111	109	108	107	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:2021-08-09

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-VF62RA05-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

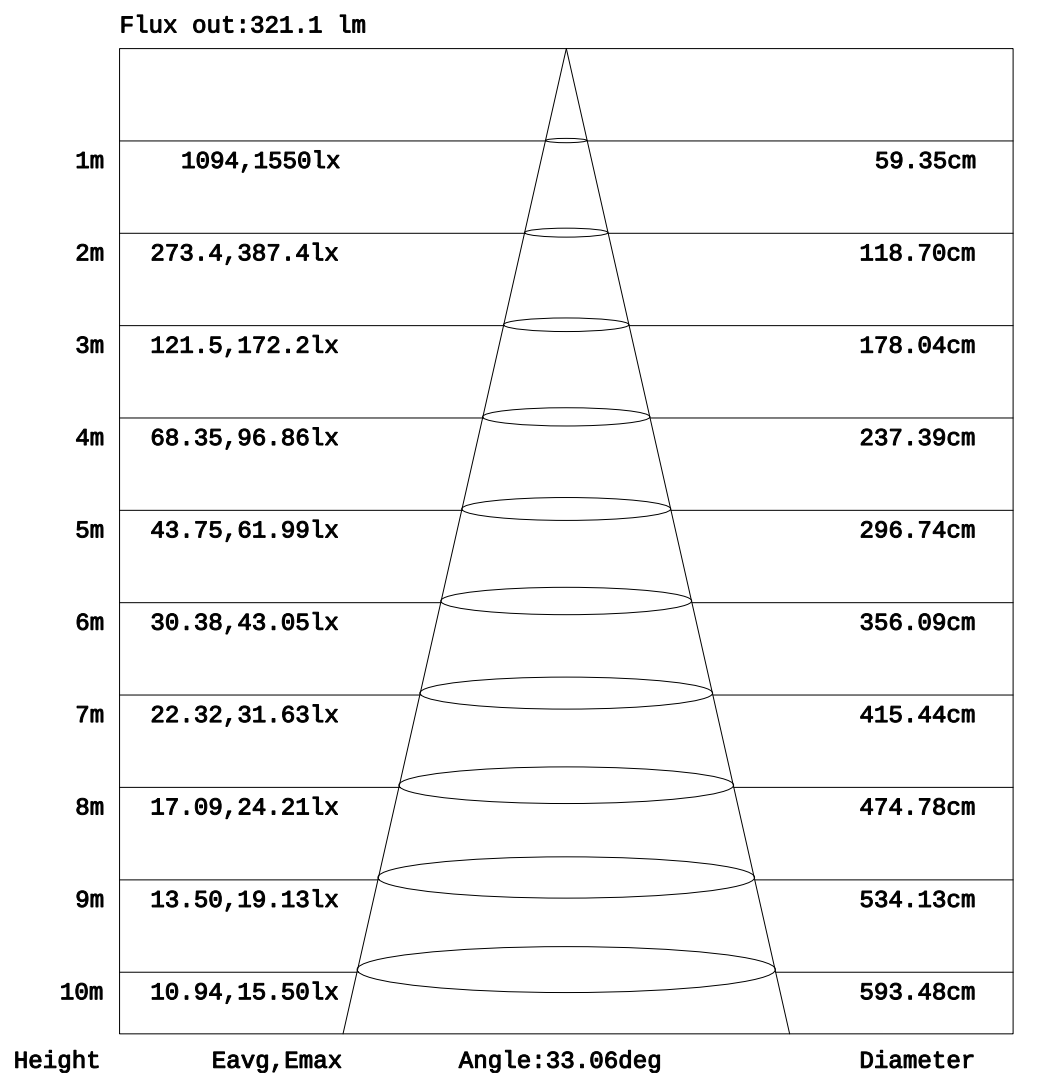


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: LGL
Test Date: 2021-08-09

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-VF62RA05-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



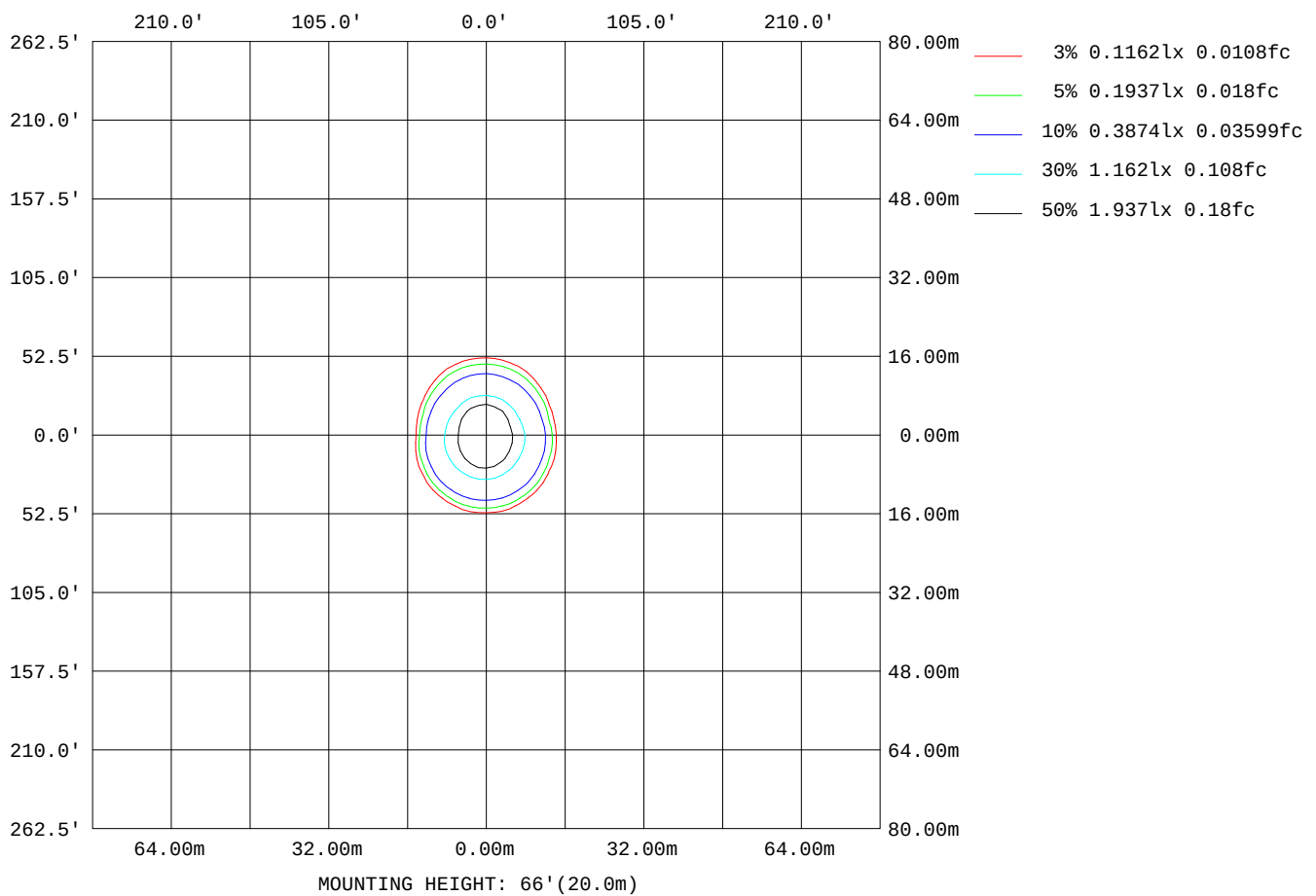
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-09

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-VF62RA05-15W	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: 2021-08-09

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-VF62RA05-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

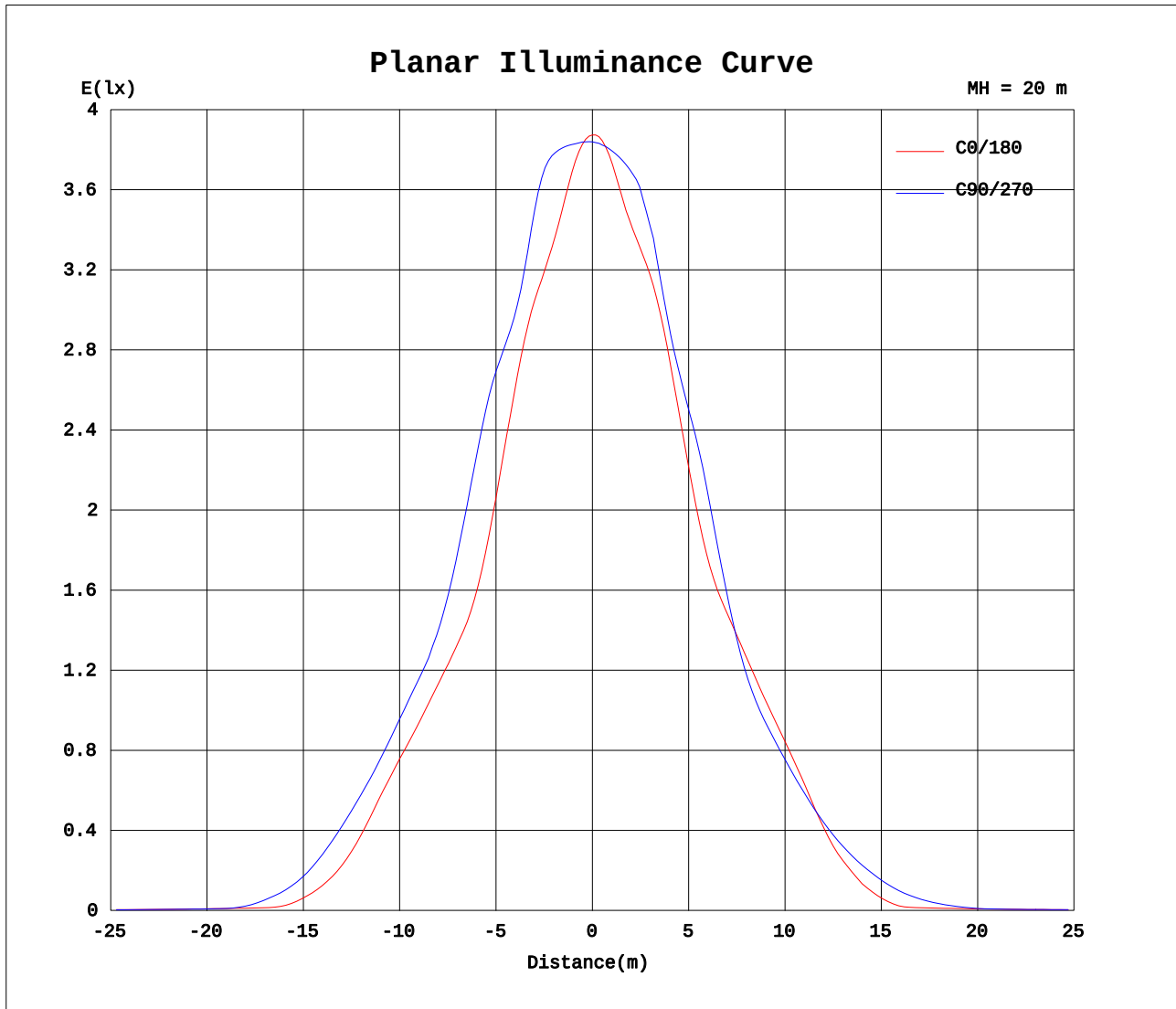
AvgL	cd/m2
L_0~180(65)av	9112
L_0~180(75)av	7543
L_0~180(85)av	4876
L_90~270(65)av	7994
L_90~270(75)av	5506
L_90~270(85)av	4828
L_45(65)av	8172
L_45(75)av	6194
L_45(85)av	5395

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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: 2021-08-09

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-vF62RA05-15W	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	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538
5	1378	1389	1395	1430	1467	1515	1539	1544	1521	1493	1451	1436	1404	1404	1433	1456	1496	1511	1510
10	1183	1199	1209	1232	1243	1300	1341	1348	1308	1305	1286	1277	1240	1247	1276	1264	1286	1321	1325
15	827	859	905	994	1047	1113	1144	1167	1140	1104	1017	963	896	908	970	1021	1036	1036	1054
20	609	619	630	674	713	776	801	825	793	769	727	713	681	662	655	688	720	699	700
25	468	480	490	518	542	575	588	603	596	596	577	565	523	500	484	466	471	471	471
30	283	304	322	354	374	400	405	417	413	415	394	373	313	304	307	301	314	312	311
35	91.3	106	124	159	178	202	205	215	205	195	162	139	97.1	99.0	126	145	166	166	165
40	13.4	15.4	20.4	32.4	39.9	51.7	55.5	56.9	51.4	42.5	26.2	15.9	13.3	13.9	23.5	40.5	58.8	60.0	58.0
45	10.2	9.92	9.38	9.19	9.15	9.40	9.50	9.73	9.72	9.80	9.82	10.03	9.91	9.88	9.74	9.75	12.3	12.6	12.3
50	7.60	7.32	6.86	6.78	6.76	6.95	6.96	7.17	7.08	7.10	6.98	7.20	7.22	7.28	7.33	7.23	7.32	7.39	7.50
55	5.58	5.27	4.87	4.75	4.70	4.78	4.77	4.91	4.87	4.90	4.88	5.11	5.24	5.35	5.40	5.39	5.50	5.61	5.70
60	4.06	3.79	3.40	3.28	3.16	3.19	3.15	3.25	3.25	3.33	3.36	3.63	3.81	3.89	3.98	3.95	4.10	4.14	4.23
65	2.99	2.73	2.40	2.24	2.10	2.08	2.02	2.11	2.13	2.24	2.32	2.57	2.74	2.82	2.89	2.88	2.97	2.98	3.00
70	2.20	1.96	1.68	1.51	1.38	1.32	1.26	1.32	1.36	1.47	1.58	1.78	1.94	2.01	2.06	2.05	2.09	2.07	2.08
75	1.59	1.38	1.14	0.97	0.84	0.76	0.72	0.76	0.82	0.91	1.02	1.19	1.32	1.38	1.41	1.40	1.41	1.39	1.40
80	1.07	0.89	0.70	0.54	0.44	0.36	0.32	0.35	0.42	0.49	0.59	0.71	0.80	0.85	0.87	0.87	0.87	0.85	0.86
85	0.33	0.42	0.35	0.27	0.23	0.17	0.17	0.17	0.22	0.24	0.30	0.34	0.30	0.37	0.39	0.40	0.41	0.43	0.46
90	0.17	0.16	0.17	0.17	0.17	0.17	0.17	0.16	0.17	0.16	0.17	0.17	0.14	0.15	0.15	0.15	0.16	0.15	0.15
95	0.17	0.18	0.17	0.18	0.17	0.18	0.17	0.18	0.17	0.18	0.17	0.18	0.17	0.15	0.16	0.14	0.16	0.15	0.16
100	0.17	0.19	0.17	0.19	0.18	0.21	0.18	0.20	0.18	0.20	0.17	0.20	0.18	0.17	0.18	0.16	0.17	0.17	0.18
105	0.20	0.22	0.22	0.25	0.25	0.28	0.26	0.27	0.24	0.24	0.21	0.22	0.22	0.20	0.23	0.21	0.25	0.24	0.26
110	0.33	0.34	0.36	0.40	0.42	0.44	0.43	0.43	0.39	0.37	0.34	0.33	0.34	0.34	0.37	0.39	0.43	0.44	0.47
115	0.65	0.65	0.67	0.69	0.72	0.75	0.74	0.72	0.68	0.64	0.60	0.58	0.62	0.64	0.68	0.73	0.77	0.82	0.84
120	1.16	1.13	1.16	1.17	1.21	1.22	1.22	1.18	1.13	1.06	1.03	1.01	1.08	1.11	1.15	1.24	1.30	1.39	1.42
125	1.88	1.84	1.89	1.89	1.96	1.95	1.96	1.88	1.83	1.72	1.68	1.64	1.73	1.81	1.86	1.99	2.07	2.21	2.25
130	2.90	2.84	2.90	2.89	2.97	2.94	2.96	2.84	2.78	2.65	2.60	2.54	2.68	2.79	2.84	3.01	3.10	3.28	3.33
135	4.19	4.11	4.17	4.14	4.21	4.16	4.17	4.04	3.98	3.82	3.80	3.73	3.93	4.05	4.11	4.29	4.38	4.57	4.63
140	5.67	5.57	5.60	5.51	5.56	5.49	5.49	5.37	5.32	5.19	5.20	5.18	5.39	5.52	5.55	5.70	5.77	5.93	5.99
145	7.13	7.03	7.02	6.91	6.89	6.81	6.81	6.70	6.68	6.60	6.65	6.67	6.88	6.97	6.97	7.09	7.13	7.27	7.32
150	8.35	8.27	8.25	8.11	8.07	8.00	8.00	7.93	7.91	7.89	7.97	8.00	8.20	8.26	8.26	8.30	8.32	8.42	8.47
155	9.20	9.12	9.07	8.97	8.92	8.91	8.92	8.90	8.90	8.91	9.00	9.05	9.18	9.21	9.20	9.18	9.21	9.25	9.31
160	9.51	9.45	9.37	9.43	9.40	9.43	9.45	9.51	9.52	9.58	9.55	9.62	9.66	9.70	9.70	9.68	9.68	9.66	9.65
165	9.55	9.52	9.46	9.48	9.56	9.64	9.70	9.76	9.77	9.79	9.78	9.82	9.83	9.87	9.88	9.81	9.75	9.75	9.69
170	9.53	9.46	9.43	9.41	9.47	9.53	9.62	9.68	9.72	9.78	9.84	9.86	9.82	9.89	9.87	9.78	9.69	9.66	9.58
175	9.44	9.43	9.42	9.52	9.55	9.56	9.57	9.66	9.72	9.83	9.84	9.74	9.68	9.75	9.81	9.83	9.76	9.66	9.61
180	9.61	9.62	9.66	9.76	9.73	9.72	9.75	9.74	9.74	9.81	9.69	9.60	9.63	9.63	9.67	9.77	9.74	9.72	9.76

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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-VF62RA05-15W	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	1538	1538	1538	1538	1538														
5	1483	1446	1400	1379	1360														
10	1243	1195	1179	1185	1164														
15	997	984	923	855	799														
20	654	639	604	580	587														
25	453	442	430	434	443														
30	297	289	273	270	259														
35	155	149	124	99.7	79.3														
40	54.1	49.2	32.0	18.3	13.2														
45	10.9	10.3	9.55	9.78	10.03														
50	7.38	7.30	7.25	7.46	7.55														
55	5.59	5.50	5.44	5.55	5.60														
60	4.13	4.08	3.99	4.10	4.11														
65	2.94	2.97	2.92	3.01	3.05														
70	2.06	2.10	2.11	2.20	2.25														
75	1.41	1.45	1.49	1.57	1.62														
80	0.88	0.92	0.97	1.04	1.08														
85	0.46	0.48	0.48	0.49	0.48														
90	0.15	0.15	0.16	0.15	0.15														
95	0.15	0.16	0.15	0.16	0.15														
100	0.17	0.18	0.16	0.18	0.17														
105	0.25	0.26	0.23	0.24	0.20														
110	0.46	0.46	0.44	0.42	0.38														
115	0.86	0.85	0.82	0.77	0.73														
120	1.46	1.42	1.40	1.33	1.28														
125	2.32	2.26	2.24	2.11	2.05														
130	3.42	3.35	3.34	3.19	3.12														
135	4.73	4.67	4.66	4.51	4.46														
140	6.10	6.07	6.09	5.97	5.96														
145	7.41	7.40	7.44	7.36	7.35														
150	8.52	8.50	8.53	8.51	8.51														
155	9.28	9.26	9.24	9.25	9.26														
160	9.59	9.52	9.49	9.43	9.48														
165	9.62	9.53	9.46	9.42	9.49														
170	9.53	9.46	9.38	9.36	9.41														
175	9.56	9.60	9.54	9.40	9.39														
180	9.73	9.74	9.80	9.69	9.59														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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: