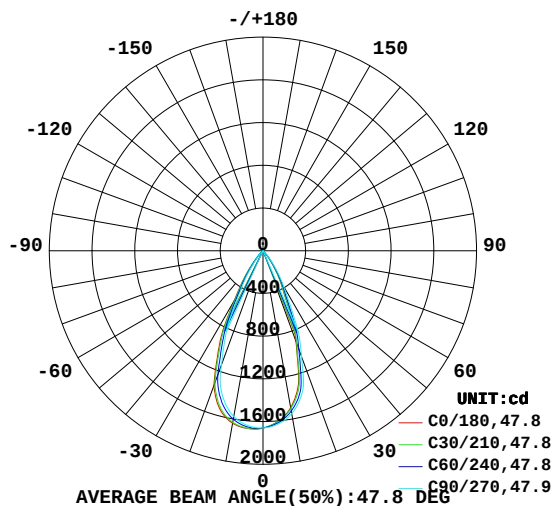


LUMINAIRE PHOTOMETRIC TEST REPORT

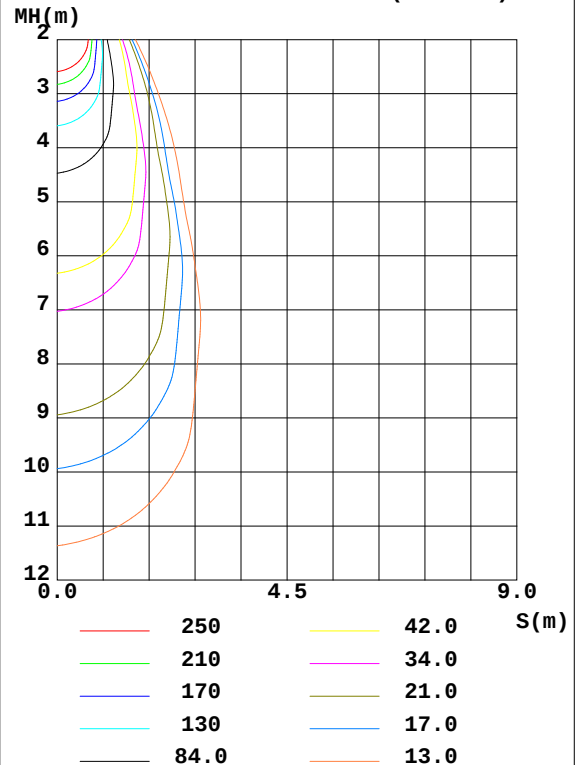
NAME: VM060-VF62RA01-15W	TYPE: indoor lights	WEIGHT: 1
SPEC.: 3000K-CRI90-55D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.94 lm/W			
MODEL	BXRE-30G1000-C-7X	Imax(cd)	1672	S/MH(C0/180)	0.78
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.73
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1064.9	η UP, DN(C0-180)	1.2, 47.7
NOMINAL FLUX(lm)	1064.85	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2, 49.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	0.75

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:

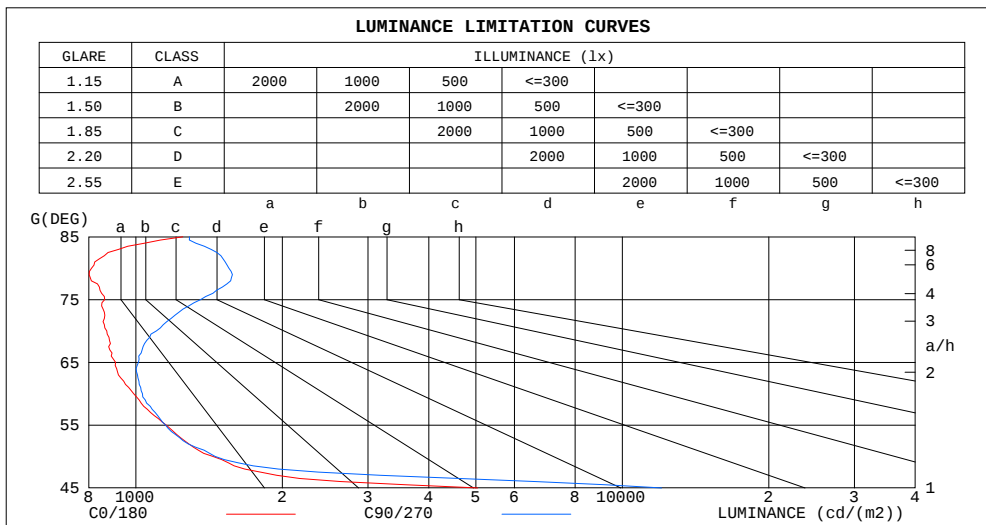
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1492	1518	1549	1606	1640	1614	1577	1528	0- 10	154.0	154.0	14.5,14.5
20	903.5	964.3	1058	1228	1341	1264	1141	980.0	10- 20	386.4	540.4	50.7,50.7
30	309.4	344.9	392.0	462.5	540.0	471.5	410.9	342.7	20- 30	333.8	874.2	82.1,82.1
40	58.88	71.10	89.54	115.6	131.0	101.2	81.78	68.05	30- 40	139.2	1013	95.2,95.2
50	1.839	1.707	1.884	2.611	4.262	3.400	2.606	2.054	40- 50	22.18	1036	97.3,97.3
60	0.9833	0.9362	1.039	1.160	1.274	1.368	1.221	1.039	50- 60	1.423	1037	97.4,97.4
70	0.5921	0.6462	0.7592	0.7426	0.6918	0.7544	0.6747	0.6006	60- 70	0.8666	1038	97.5,97.5
80	0.2798	0.4481	0.5430	0.5269	0.3378	0.4180	0.3805	0.3293	70- 80	0.5775	1039	97.5,97.5
90	0.2075	0.2132	0.2092	0.2157	0.1868	0.1914	0.1838	0.1870	80- 90	0.2908	1039	97.6,97.6
100	0.2750	0.2771	0.2324	0.2515	0.2426	0.2045	0.2392	0.2335	90-100	0.2300	1039	97.6,97.6
110	0.7351	0.6513	0.5658	0.5409	0.5181	0.4875	0.5716	0.6420	100-110	0.3972	1039	97.6,97.6
120	2.306	2.024	1.806	1.507	1.447	1.487	1.713	2.042	110-120	1.088	1041	97.7,97.7
130	5.150	5.012	4.419	4.002	3.566	3.805	4.216	4.796	120-130	2.650	1043	98,98
140	9.158	8.450	7.948	7.315	7.209	7.150	7.699	8.354	130-140	4.706	1048	98.4,98.4
150	11.90	11.65	11.39	10.81	10.46	10.69	11.26	11.65	140-150	6.046	1054	99,99
160	13.91	13.27	13.34	13.48	13.87	13.24	13.63	13.37	150-160	5.748	1060	99.5,99.5
170	13.25	13.27	13.65	13.70	13.68	13.73	13.78	13.48	160-170	3.861	1064	99.9,99.9
180	14.10	14.25	14.19	14.37	14.16	14.24	14.20	14.36	170-180	1.315	1065	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-CRI90-55D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1248	1289
80	811	1553
75	862	1359
70	871	1102
65	908	1012
60	990	1031
55	1154	1150
50	1440	1455
45	5040	12041

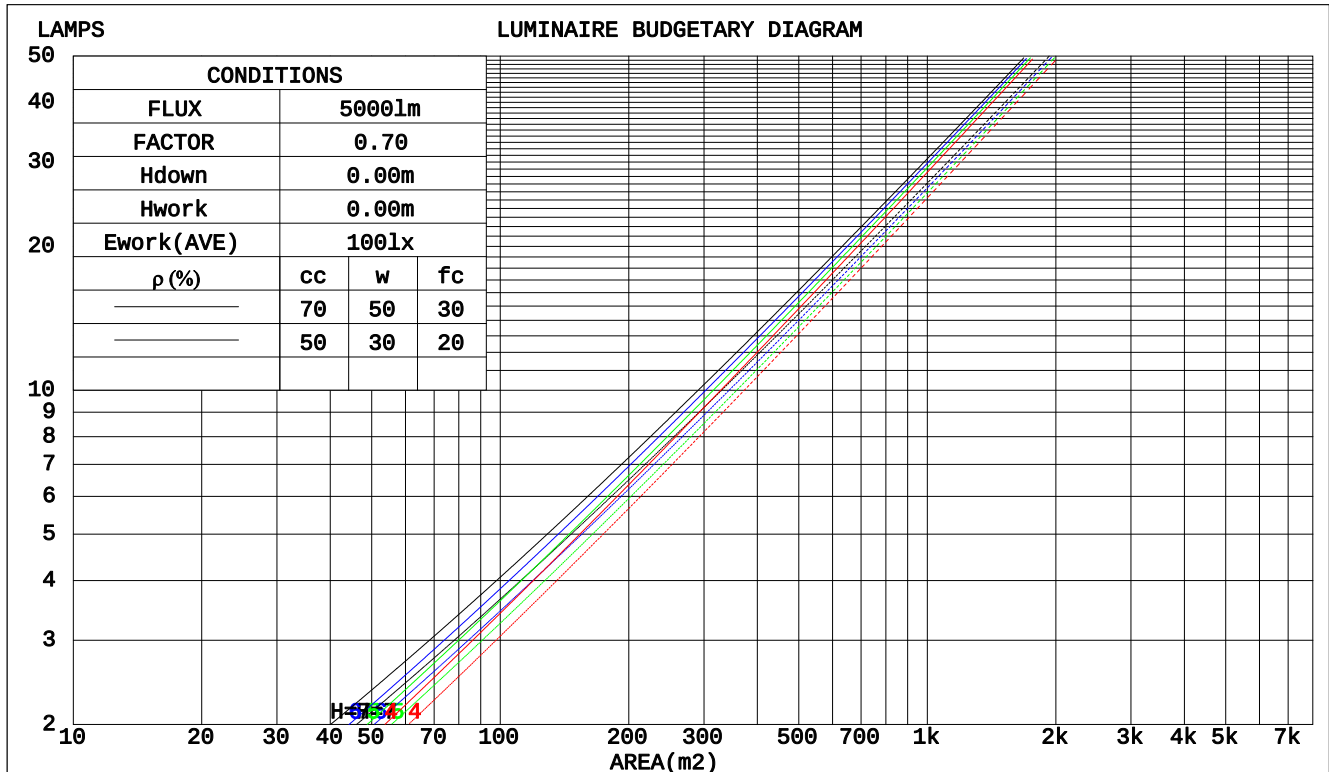
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-12

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-CRI90-55D	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	1.11	1.09	1.07	1.08	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	.90	.89	.87
3.0	.98	.93	.90	.96	.92	.89	.93	.90	.87	.91	.88	.86	.88	.86	.84	.82
4.0	.92	.87	.84	.91	.86	.83	.89	.85	.82	.86	.83	.81	.84	.82	.79	.78
5.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74
6.0	.83	.77	.74	.82	.77	.73	.80	.76	.73	.79	.75	.72	.77	.74	.71	.70
7.0	.79	.73	.69	.78	.73	.69	.76	.72	.69	.75	.71	.68	.74	.70	.68	.66
8.0	.75	.69	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.71	.66	.62	.71	.66	.62	.70	.65	.62	.68	.64	.61	.68	.64	.61	.60
10.0	.68	.63	.59	.67	.62	.59	.66	.62	.59	.66	.61	.59	.65	.61	.58	.57



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:

WEC AND CCEC

NAME: VM060-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	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 Coefficients(WEC)										
0.0																	
1.0	.165	.094	.030	.157	.090	.028	.143	.082	.026	.131	.075	.024	.119	.069	.022		
2.0	.156	.085	.026	.150	.082	.025	.138	.077	.024	.127	.071	.022	.117	.066	.021		
3.0	.148	.079	.024	.142	.076	.023	.132	.072	.022	.123	.067	.021	.114	.063	.020		
4.0	.140	.073	.021	.135	.071	.021	.127	.067	.020	.119	.064	.019	.111	.060	.018		
5.0	.133	.068	.020	.129	.066	.019	.122	.063	.019	.114	.060	.018	.108	.058	.017		
6.0	.127	.064	.018	.124	.062	.018	.117	.060	.017	.111	.057	.017	.105	.055	.016		
7.0	.122	.060	.017	.118	.059	.017	.112	.057	.016	.107	.055	.016	.102	.053	.015		
8.0	.116	.057	.016	.114	.056	.016	.108	.054	.015	.103	.052	.015	.098	.051	.015		
9.0	.112	.054	.015	.109	.053	.015	.104	.052	.015	.100	.050	.014	.095	.048	.014		
10.0	.107	.051	.014	.105	.051	.014	.101	.049	.014	.096	.048	.014	.093	.047	.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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.189	.176	.165	.162	.151	.142	.111	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.173	.151	.133	.148	.130	.115	.102	.090	.080	.059	.052	.047	.019	.017	.015	
3.0	.160	.132	.111	.137	.114	.096	.094	.079	.067	.054	.046	.040	.017	.015	.013	
4.0	.149	.118	.094	.128	.102	.081	.088	.071	.057	.051	.041	.034	.016	.014	.011	
5.0	.140	.106	.081	.120	.092	.070	.083	.064	.050	.048	.038	.029	.015	.012	.010	
6.0	.132	.096	.071	.114	.084	.062	.078	.058	.044	.045	.034	.026	.015	.011	.009	
7.0	.126	.089	.063	.108	.077	.055	.075	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.120	.082	.057	.103	.072	.050	.071	.050	.035	.041	.030	.021	.013	.010	.007	
9.0	.115	.077	.052	.099	.067	.045	.068	.047	.032	.040	.028	.019	.013	.009	.006	
10.0	.110	.073	.048	.095	.063	.042	.066	.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:2021-08-12

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-CRI90-55D						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	16.4	17.3	16.7	17.5	17.7	17.8	18.7	18.1	18.9	19.1	
3H	16.3	17.0	16.5	17.3	17.5	17.7	18.4	18.0	18.7	18.9	
4H	16.2	16.9	16.5	17.1	17.4	17.6	18.3	17.9	18.6	18.8	
6H	16.1	16.8	16.4	17.0	17.3	17.5	18.2	17.8	18.4	18.7	
8H	16.0	16.7	16.4	17.0	17.3	17.4	18.1	17.8	18.4	18.7	
12H	16.0	16.6	16.3	16.9	17.2	17.4	18.0	17.8	18.3	18.6	
4H 2H	16.2	16.9	16.5	17.1	17.4	17.6	18.3	17.9	18.5	18.8	
3H	16.0	16.6	16.3	16.9	17.2	17.4	18.0	17.7	18.3	18.6	
4H	15.9	16.5	16.3	16.8	17.1	17.3	17.9	17.7	18.2	18.6	
6H	15.8	16.3	16.2	16.7	17.1	17.2	17.7	17.6	18.1	18.5	
8H	15.7	16.2	16.2	16.6	17.0	17.1	17.6	17.6	18.0	18.4	
12H	15.7	16.1	16.1	16.5	17.0	17.1	17.5	17.5	17.9	18.4	
8H 4H	15.7	16.2	16.2	16.6	17.0	17.1	17.6	17.6	18.0	18.4	
6H	15.6	16.0	16.1	16.4	16.9	17.0	17.4	17.5	17.9	18.3	
8H	15.6	15.9	16.1	16.4	16.9	17.0	17.3	17.5	17.8	18.3	
12H	15.5	15.8	16.0	16.3	16.8	16.9	17.2	17.4	17.7	18.2	
12H 4H	15.7	16.1	16.1	16.5	17.0	17.1	17.5	17.5	17.9	18.4	
6H	15.6	15.9	16.1	16.4	16.9	17.0	17.3	17.5	17.8	18.3	
8H	15.5	15.8	16.0	16.3	16.8	16.9	17.2	17.4	17.7	18.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 3.8 / -13.9					+ 4.1 / -14.3					
1.5H	+ 6.6 / -13.5					+ 6.9 / -14.1					
2.0H	+ 5.0 / - 0.9					+ 8.0 / - 2.2					

CIE Pub.117, 1065 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.2$)

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:

UTILIZATION FACTORS TABLE

NAME: VM060-VF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

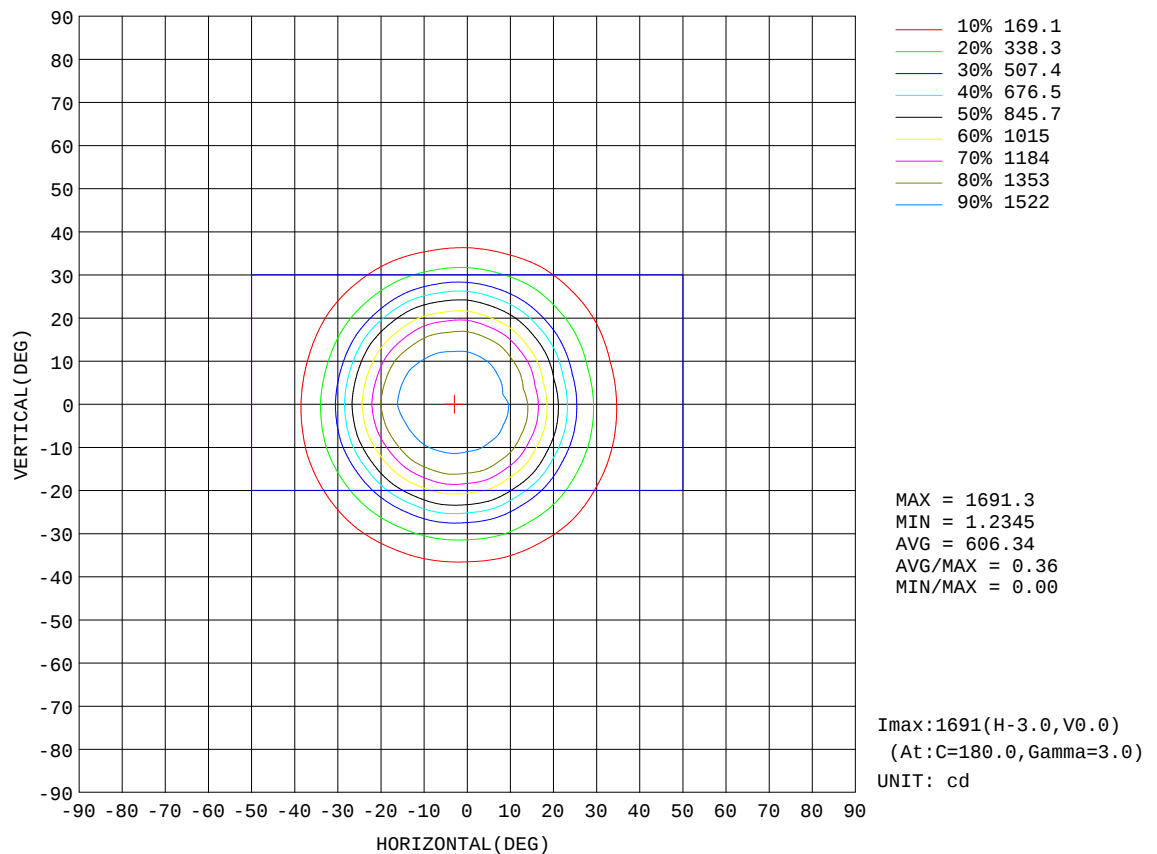
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	82
1.00	100	95	91	99	94	91	97	93	90	86
1.25	104	99	95	102	98	95	100	97	94	89
1.50	106	102	98	105	101	98	102	99	96	92
2.00	108	104	101	107	103	101	104	101	99	93
2.50	110	106	104	108	105	103	105	102	100	94
3.00	112	108	106	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	107	106	104	96
5.00	115	113	111	112	111	109	108	107	106	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:2021-08-12

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-CRI90-55D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

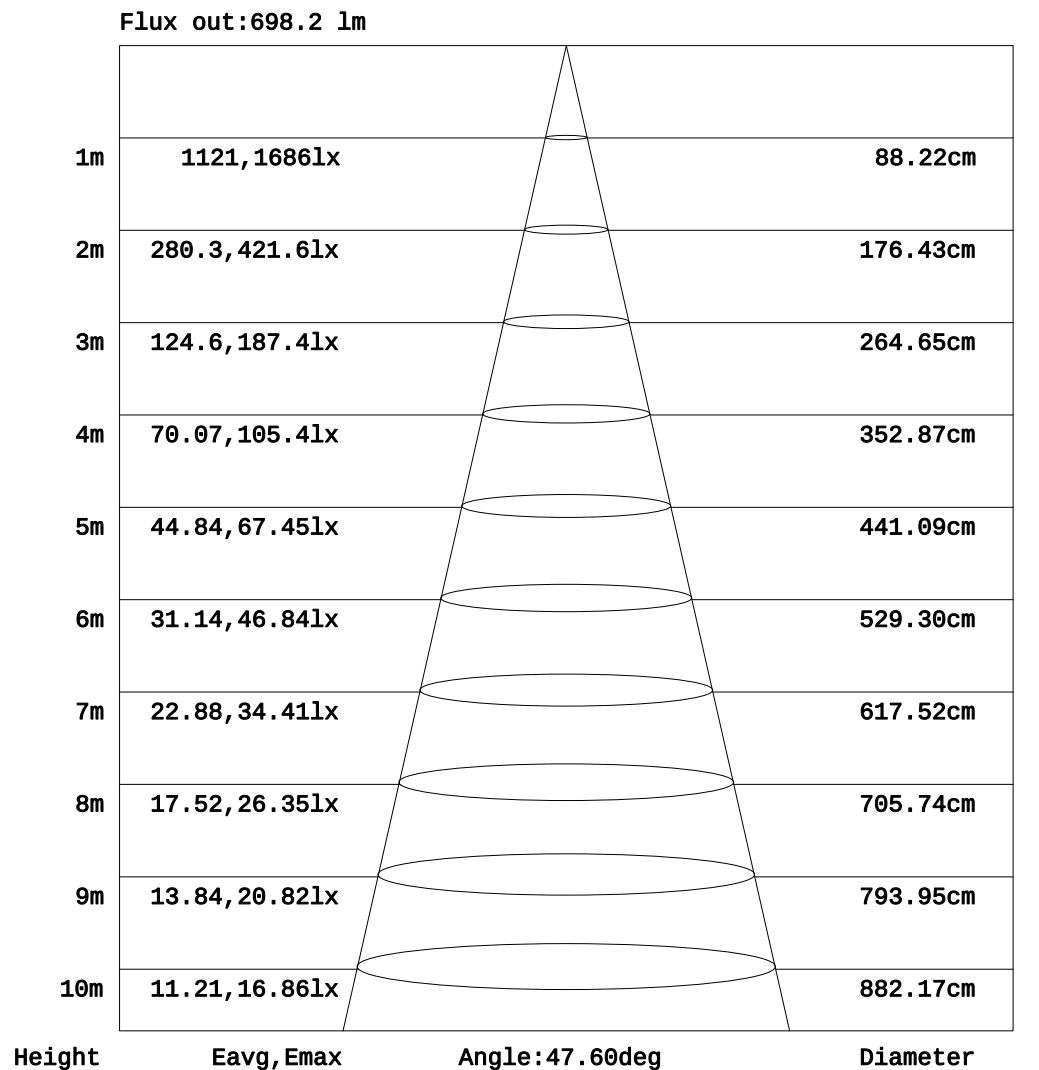


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2021-08-12

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-CRI90-55D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:



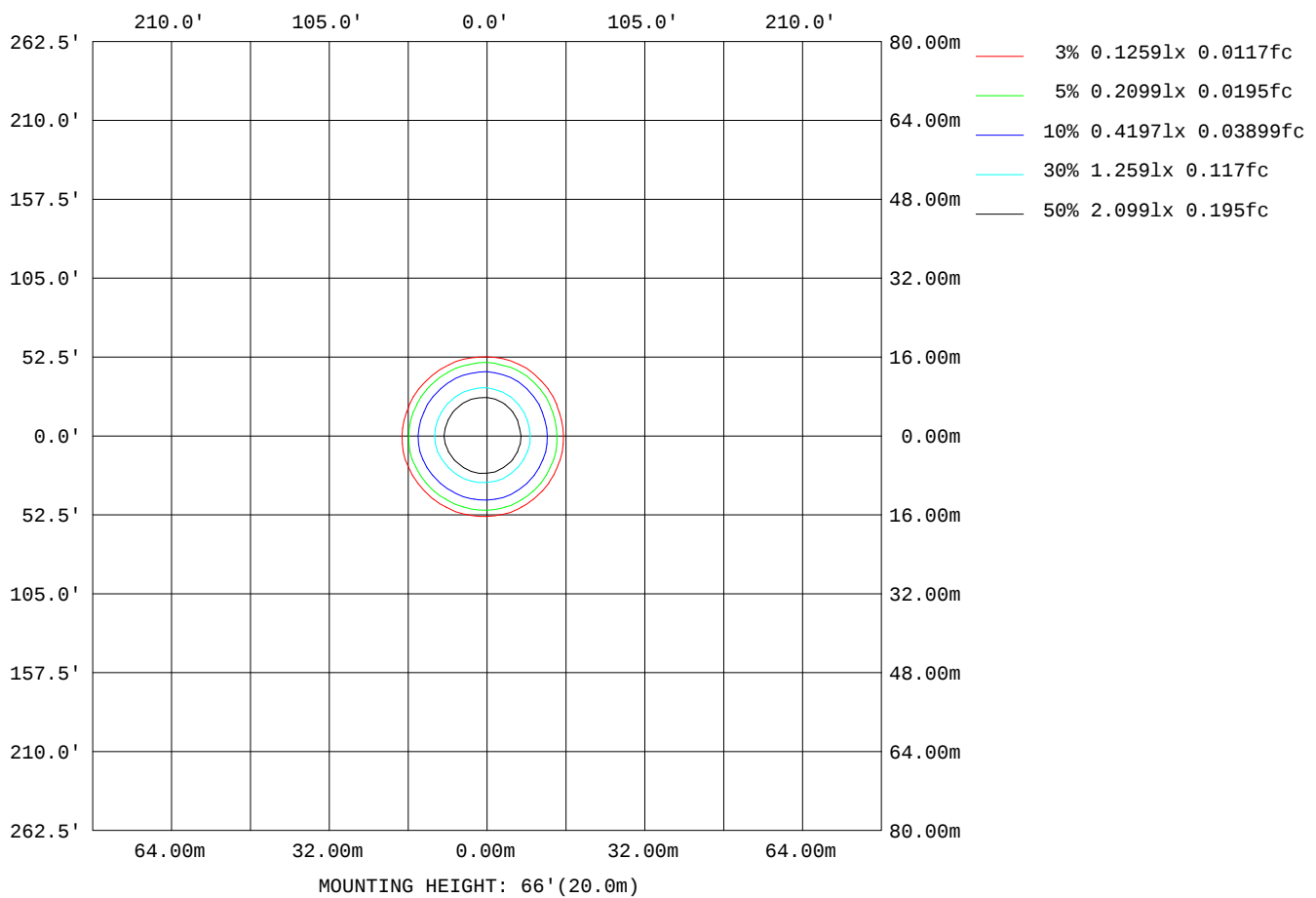
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-CRI90-55D	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-CRI90-55D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

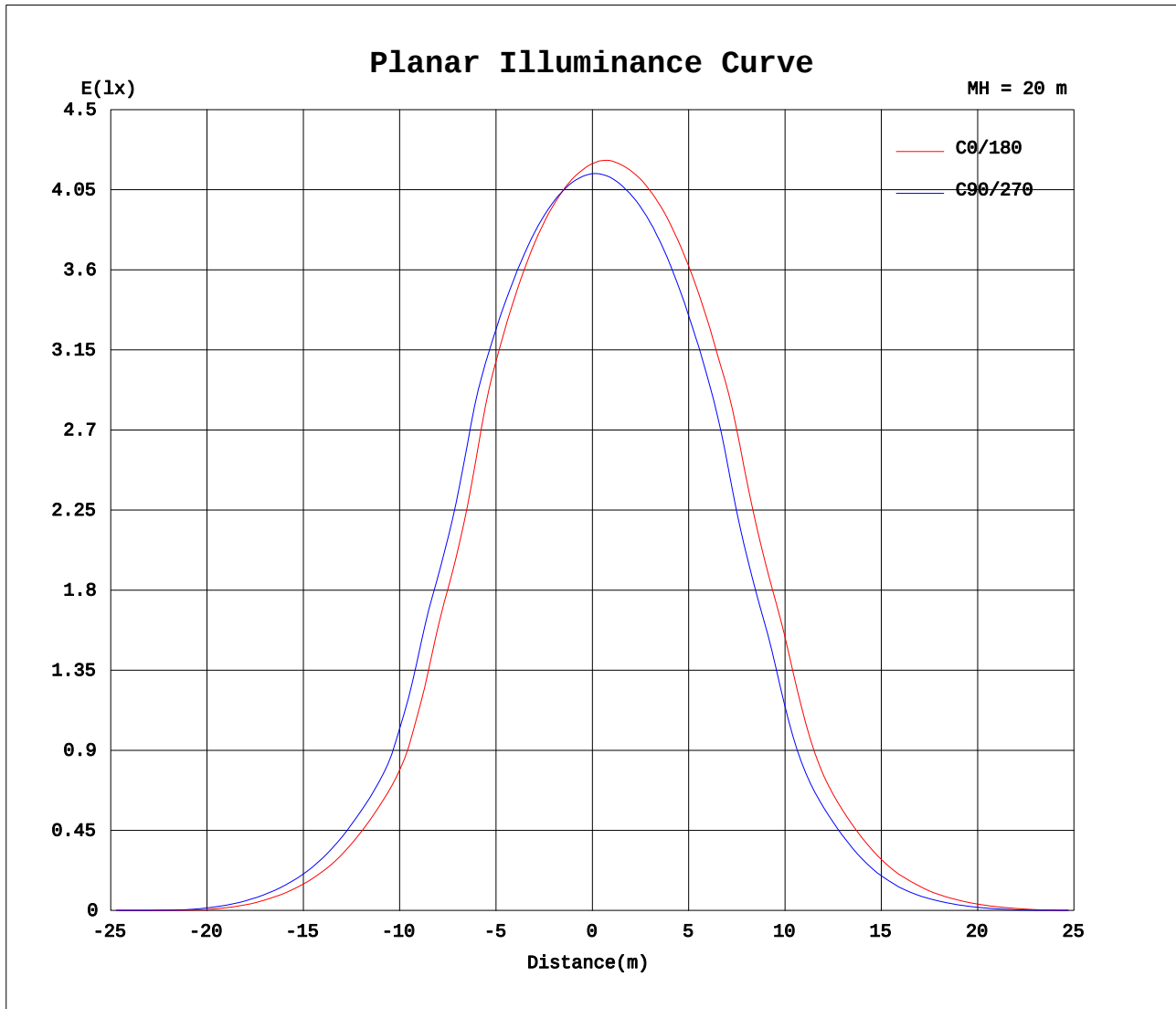
AvgL	cd/m2
L_0~180(65)av	995
L_0~180(75)av	903
L_0~180(85)av	1183
L_90~270(65)av	1041
L_90~270(75)av	1172
L_90~270(85)av	1340
L_45(65)av	1018
L_45(75)av	1067
L_45(85)av	1490

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-CRI90-55D	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	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660
5	1604	1605	1608	1613	1617	1624	1629	1638	1646	1655	1661	1669	1670	1669	1669	1661	1656	1647	1642
10	1492	1498	1503	1518	1525	1541	1549	1569	1585	1606	1620	1636	1640	1635	1631	1614	1602	1584	1577
15	1287	1302	1309	1343	1357	1387	1398	1430	1453	1491	1511	1538	1543	1535	1528	1497	1478	1445	1434
20	904	920	927	964	986	1035	1058	1117	1158	1228	1272	1334	1341	1322	1314	1264	1238	1174	1141
25	531	537	546	578	605	665	695	762	800	863	903	959	963	939	927	884	863	815	785
30	309	318	325	345	358	382	392	412	427	462	494	540	540	523	505	472	456	426	411
35	158	165	170	184	193	209	215	228	238	259	277	301	294	276	266	246	236	218	212
40	58.9	60.5	64.3	71.1	75.5	85.5	89.5	99.1	105	116	123	136	131	120	113	101	94.1	84.8	81.8
45	7.08	7.48	7.28	9.19	10.3	14.4	17.1	23.5	27.7	32.8	35.6	40.7	40.8	38.2	35.9	30.4	27.7	23.2	21.0
50	1.84	1.79	1.69	1.71	1.71	1.78	1.88	2.09	2.28	2.61	3.00	3.93	4.26	3.99	4.02	3.40	3.18	2.78	2.61
55	1.32	1.27	1.24	1.22	1.23	1.26	1.33	1.40	1.47	1.56	1.64	1.74	1.78	1.82	1.89	1.89	1.88	1.78	1.67
60	0.98	0.95	0.95	0.94	0.96	0.98	1.04	1.07	1.13	1.16	1.22	1.26	1.27	1.30	1.36	1.37	1.36	1.30	1.22
65	0.76	0.74	0.77	0.76	0.80	0.81	0.86	0.88	0.90	0.91	0.93	0.94	0.93	0.95	0.98	1.00	0.99	0.96	0.91
70	0.59	0.60	0.64	0.65	0.70	0.71	0.76	0.75	0.77	0.74	0.74	0.72	0.69	0.72	0.73	0.75	0.74	0.72	0.67
75	0.44	0.46	0.54	0.56	0.64	0.66	0.71	0.70	0.67	0.63	0.60	0.55	0.50	0.53	0.55	0.57	0.55	0.55	0.51
80	0.28	0.30	0.42	0.45	0.47	0.48	0.54	0.61	0.60	0.53	0.44	0.38	0.34	0.36	0.40	0.42	0.41	0.41	0.38
85	0.22	0.21	0.21	0.20	0.21	0.21	0.23	0.29	0.33	0.35	0.30	0.23	0.20	0.25	0.27	0.29	0.27	0.27	0.24
90	0.21	0.21	0.21	0.21	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.21	0.19	0.19	0.19	0.19	0.19	0.19	0.18
95	0.21	0.22	0.21	0.23	0.21	0.22	0.21	0.22	0.21	0.23	0.22	0.22	0.20	0.19	0.19	0.19	0.19	0.19	0.20
100	0.27	0.28	0.28	0.28	0.24	0.25	0.23	0.25	0.23	0.25	0.26	0.25	0.24	0.21	0.22	0.20	0.23	0.21	0.24
105	0.42	0.47	0.43	0.39	0.35	0.35	0.33	0.34	0.32	0.34	0.36	0.36	0.33	0.28	0.30	0.29	0.32	0.31	0.34
110	0.74	0.80	0.75	0.65	0.61	0.58	0.57	0.55	0.53	0.54	0.57	0.56	0.52	0.47	0.49	0.49	0.52	0.54	0.57
115	1.35	1.45	1.38	1.15	1.11	1.04	1.02	0.97	0.91	0.89	0.96	0.92	0.85	0.81	0.82	0.85	0.89	0.95	0.98
120	2.31	2.51	2.39	2.02	1.98	1.84	1.81	1.70	1.63	1.51	1.60	1.56	1.45	1.41	1.42	1.49	1.56	1.67	1.71
125	3.60	3.87	3.47	3.30	3.21	3.03	2.96	2.83	2.71	2.52	2.44	2.37	2.31	2.34	2.35	2.48	2.56	2.73	2.79
130	5.15	5.09	5.03	5.01	4.73	4.53	4.42	4.30	4.17	4.00	3.75	3.58	3.57	3.60	3.66	3.80	3.93	4.10	4.22
135	7.02	6.95	7.20	6.90	6.48	6.27	6.12	6.04	5.94	5.75	5.57	5.22	5.18	5.17	5.26	5.41	5.56	5.75	5.89
140	9.16	9.58	9.43	8.45	8.31	8.13	7.95	7.91	7.58	7.32	7.63	7.50	7.21	7.01	7.03	7.15	7.34	7.56	7.70
145	11.0	11.4	10.5	10.2	10.1	9.87	9.77	9.54	9.33	9.12	8.98	9.64	9.21	8.78	8.82	8.96	9.14	9.39	9.56
150	11.9	11.8	11.8	11.7	11.6	11.4	11.4	11.2	11.0	10.8	10.7	10.5	10.5	10.5	10.5	10.7	10.8	11.1	11.3
155	12.8	13.4	12.8	12.7	12.7	12.6	12.6	12.5	13.1	12.3	12.1	12.7	11.9	11.9	12.0	12.1	12.3	12.5	12.6
160	13.9	14.5	13.1	13.3	13.3	13.3	13.3	13.3	13.7	13.5	13.0	14.7	13.9	12.9	13.0	13.2	13.3	13.5	13.6
165	13.4	13.9	13.1	13.3	13.5	13.6	13.7	13.7	13.6	13.6	13.5	14.6	14.0	13.5	13.8	13.8	13.7	14.2	14.1
170	13.2	13.2	13.2	13.3	13.4	13.5	13.6	13.7	13.7	13.7	13.8	13.8	13.7	13.7	13.8	13.7	13.8	13.8	13.8
175	13.6	13.6	13.6	13.8	13.8	13.8	13.8	13.9	13.9	14.1	14.1	14.0	13.9	13.9	14.1	14.1	14.1	14.0	14.0
180	14.1	14.1	14.2	14.3	14.2	14.2	14.2	14.2	14.2	14.4	14.3	14.2	14.2	14.1	14.2	14.2	14.2	14.1	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:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VM060-vF62RA01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1660	1660	1660	1660	1660														
5	1634	1628	1621	1614	1606														
10	1561	1548	1528	1514	1496														
15	1403	1384	1347	1325	1291														
20	1073	1036	980	949	907														
25	715	671	610	571	532														
30	384	370	343	327	309														
35	196	191	174	167	155														
40	75.9	75.1	68.1	64.1	57.9														
45	17.4	15.9	11.9	9.83	6.85														
50	2.26	2.16	2.05	1.99	1.85														
55	1.56	1.48	1.42	1.36	1.32														
60	1.15	1.09	1.04	0.99	0.97														
65	0.86	0.81	0.78	0.74	0.73														
70	0.66	0.62	0.60	0.56	0.55														
75	0.50	0.46	0.46	0.41	0.40														
80	0.38	0.35	0.33	0.28	0.26														
85	0.25	0.21	0.20	0.18	0.19														
90	0.19	0.19	0.19	0.19	0.18														
95	0.19	0.20	0.20	0.21	0.20														
100	0.23	0.25	0.23	0.26	0.25														
105	0.34	0.37	0.37	0.40	0.41														
110	0.59	0.62	0.64	0.69	0.73														
115	1.05	1.10	1.17	1.23	1.33														
120	1.84	1.91	2.04	2.12	2.28														
125	2.98	3.10	3.27	3.39	3.56														
130	4.41	4.59	4.80	4.97	5.14														
135	6.11	6.31	6.56	6.77	6.98														
140	7.95	8.15	8.35	8.56	8.95														
145	9.76	9.92	10.1	10.3	10.5														
150	11.4	11.5	11.6	11.8	11.9														
155	12.7	12.7	12.7	12.8	12.8														
160	13.8	13.5	13.4	13.3	13.2														
165	14.1	13.6	13.4	13.6	13.3														
170	13.7	13.6	13.5	13.4	13.4														
175	14.0	14.0	14.0	13.8	13.8														
180	14.2	14.3	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: