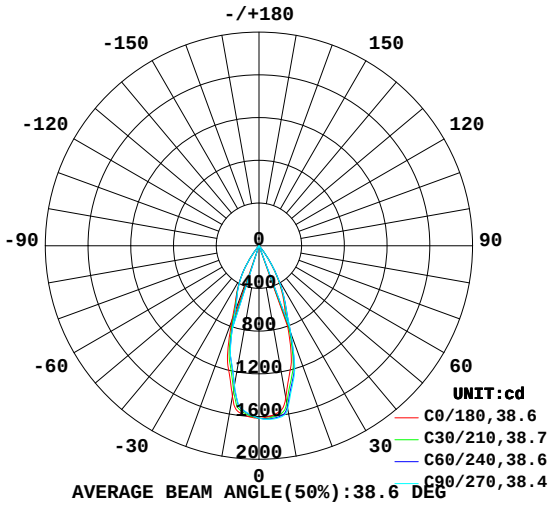
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

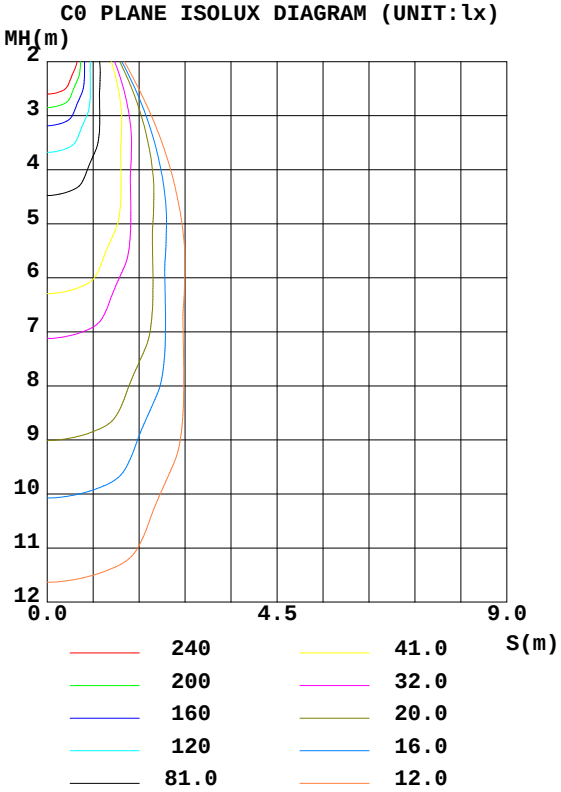
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 61.20 lm/W	
MODEL	BXRE-30G1000-C-7X	Imax(cd)	1629	S/MH(C0/180)	0.63
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	823.88	η UP,DN(C0-180)	1.2,51.8
NOMINAL FLUX(lm)	823.876	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,45.8
LAMPS INSIDE	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



AVERAGE BEAM ANGLE(50%):38.6 DEG

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 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	1447	1529	1552	1530	1433	1336	1324	1351	0- 10	148.0	148.0	18,18
20	772.6	863.4	869.6	834.3	736.4	662.8	654.5	684.9	10- 20	308.3	456.2	55.4,55.4
30	347.2	367.7	364.0	353.3	332.3	326.1	325.1	339.1	20- 30	239.5	695.8	84.4,84.4
40	32.31	37.85	37.09	39.08	33.21	27.52	26.51	25.12	30- 40	103.3	799.1	97,97
50	0.8315	0.9074	0.9429	0.8858	0.8032	0.7700	0.7619	0.7764	40- 50	3.815	802.9	97.5,97.5
60	0.3826	0.3767	0.4117	0.3744	0.3469	0.3507	0.3403	0.3460	50- 60	0.4972	803.4	97.5,97.5
70	0.2462	0.2314	0.2587	0.2371	0.2130	0.2249	0.2078	0.2195	60- 70	0.2818	803.7	97.5,97.5
80	0.1868	0.1785	0.2048	0.1796	0.1581	0.1851	0.1635	0.1730	70- 80	0.2136	803.9	97.6,97.6
90	0.1562	0.1547	0.1547	0.1516	0.1428	0.1365	0.1419	0.1352	80- 90	0.1723	804.1	97.6,97.6
100	0.1578	0.1609	0.1530	0.1573	0.1582	0.1405	0.1549	0.1371	90-100	0.1612	804.2	97.6,97.6
110	0.3576	0.3597	0.3443	0.3550	0.3740	0.3742	0.3874	0.3719	100-110	0.2306	804.5	97.6,97.6
120	1.189	1.143	1.144	1.162	1.241	1.306	1.299	1.278	110-120	0.7142	805.2	97.7,97.7
130	3.101	2.914	2.931	2.968	3.202	3.410	3.415	3.349	120-130	1.854	807.0	98,98
140	6.020	5.759	5.784	5.857	6.206	6.452	6.477	6.361	130-140	3.522	810.6	98.4,98.4
150	8.937	8.697	8.789	8.842	9.154	9.337	9.383	9.213	140-150	4.758	815.3	99,99
160	10.29	10.41	10.57	10.58	10.50	10.54	10.62	10.44	150-160	4.585	819.9	99.5,99.5
170	10.38	10.42	10.63	10.59	10.52	10.40	10.31	10.20	160-170	2.982	822.9	99.9,99.9
180	10.61	10.68	10.52	10.66	10.63	10.68	10.52	10.65	170-180	0.9957	823.9	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

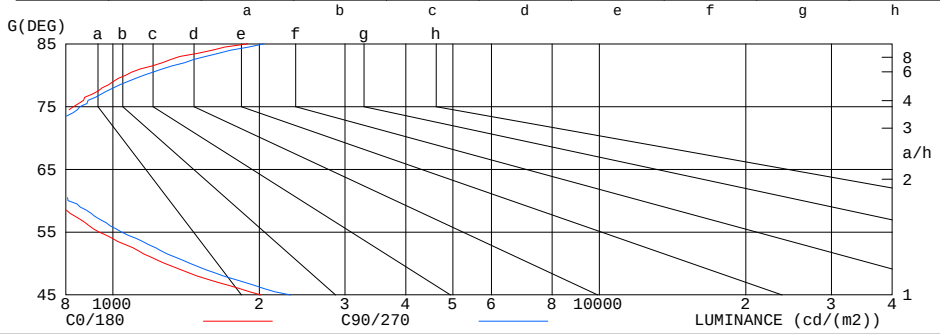
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1893	2044
80	1063	1158
75	831	856
70	711	743
65	689	735
60	756	809
55	936	1042
50	1278	1441
45	2016	2315

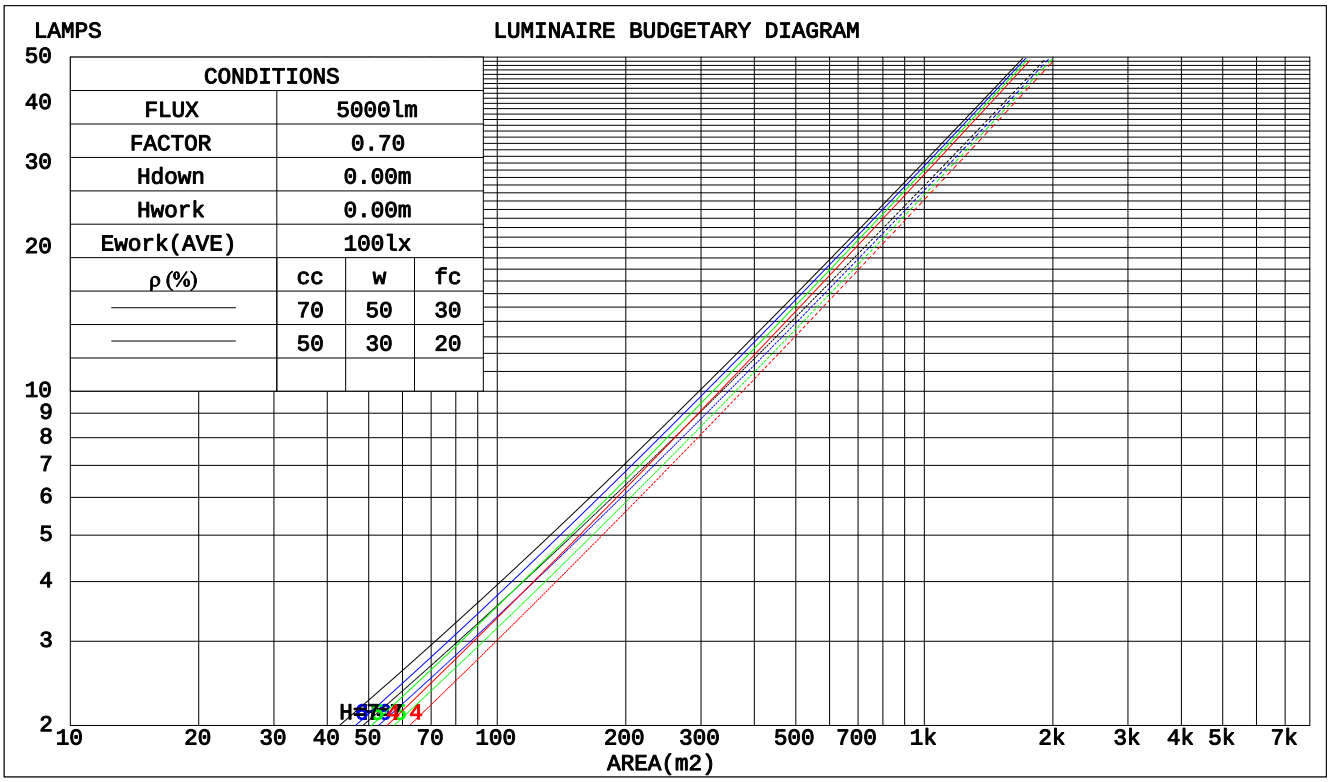
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE 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-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.96	.95	.93
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.92	.89	.87	.89	.87	.85	.84
4.0	.94	.89	.85	.92	.88	.85	.90	.86	.83	.88	.85	.82	.86	.83	.81	.79
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.81	.78	.82	.79	.77	.76
6.0	.84	.79	.76	.84	.79	.75	.82	.78	.75	.80	.77	.74	.79	.76	.73	.72
7.0	.80	.75	.72	.80	.75	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.69
8.0	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.65
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.63
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60



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

WEC AND CCEC

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.159	.091	.029	.152	.087	.027	.138	.079	.025	.125	.072	.023	.113	.066	.021	
2.0	.150	.082	.025	.144	.079	.024	.132	.073	.023	.121	.068	.021	.111	.063	.020	
3.0	.142	.075	.023	.136	.073	.022	.126	.069	.021	.117	.064	.020	.109	.060	.019	
4.0	.134	.070	.021	.130	.068	.020	.121	.064	.019	.113	.061	.018	.106	.057	.017	
5.0	.128	.065	.019	.124	.063	.018	.116	.060	.018	.109	.058	.017	.103	.055	.016	
6.0	.122	.061	.017	.118	.060	.017	.112	.057	.017	.105	.055	.016	.100	.052	.016	
7.0	.116	.057	.016	.113	.056	.016	.107	.054	.016	.102	.052	.015	.097	.050	.015	
8.0	.111	.054	.015	.109	.053	.015	.103	.052	.015	.098	.050	.014	.094	.048	.014	
9.0	.107	.052	.014	.104	.051	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013	
10.0	.103	.049	.014	.100	.049	.014	.096	.047	.013	.092	.046	.013	.088	.044	.013	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.188	.176	.165	.161	.151	.142	.110	.104	.098	.063	.060	.057	.020	.019	.018	
2.0	.172	.151	.134	.147	.130	.116	.101	.090	.081	.058	.052	.047	.019	.017	.015	
3.0	.158	.132	.111	.136	.114	.096	.093	.079	.068	.054	.046	.040	.017	.015	.013	
4.0	.147	.117	.094	.126	.101	.082	.087	.071	.058	.050	.041	.034	.016	.013	.011	
5.0	.138	.105	.081	.118	.091	.071	.082	.064	.050	.047	.037	.030	.015	.012	.010	
6.0	.130	.096	.071	.112	.083	.062	.077	.058	.044	.045	.034	.026	.014	.011	.009	
7.0	.123	.088	.063	.106	.076	.055	.073	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.117	.082	.057	.101	.071	.050	.070	.050	.035	.041	.029	.021	.013	.010	.007	
9.0	.112	.076	.052	.097	.066	.045	.067	.047	.032	.039	.027	.019	.013	.009	.006	
10.0	.108	.072	.048	.093	.062	.042	.064	.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 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-vF62RF01-15W	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	20.6	21.4	20.8	21.6	21.8	20.8	21.6	21.1	21.8	22.0
	3H	20.4	21.1	20.7	21.4	21.6	20.7	21.4	21.0	21.6	21.9
	4H	20.3	21.0	20.6	21.3	21.5	20.6	21.3	20.9	21.5	21.8
	6H	20.2	20.9	20.6	21.2	21.4	20.5	21.1	20.8	21.4	21.7
	8H	20.2	20.8	20.5	21.1	21.4	20.4	21.1	20.8	21.4	21.7
	12H	20.1	20.7	20.5	21.0	21.4	20.4	21.0	20.7	21.3	21.6
4H	2H	20.3	21.0	20.6	21.3	21.5	20.6	21.3	20.9	21.5	21.8
	3H	20.1	20.7	20.5	21.0	21.3	20.4	21.0	20.7	21.3	21.6
	4H	20.0	20.6	20.4	20.9	21.3	20.3	20.8	20.7	21.2	21.5
	6H	19.9	20.4	20.3	20.8	21.2	20.2	20.7	20.6	21.0	21.4
	8H	19.9	20.3	20.3	20.7	21.1	20.1	20.6	20.6	21.0	21.4
	12H	19.8	20.2	20.3	20.6	21.1	20.1	20.5	20.5	20.9	21.3
8H	4H	19.9	20.3	20.3	20.7	21.1	20.1	20.6	20.6	21.0	21.4
	6H	19.8	20.1	20.2	20.6	21.0	20.0	20.4	20.5	20.8	21.3
	8H	19.7	20.0	20.2	20.5	21.0	20.0	20.3	20.4	20.7	21.2
	12H	19.6	19.9	20.1	20.4	20.9	19.9	20.2	20.4	20.7	21.2
12H	4H	19.8	20.2	20.3	20.6	21.1	20.1	20.5	20.5	20.9	21.3
	6H	19.7	20.0	20.2	20.5	21.0	20.0	20.3	20.4	20.7	21.2
	8H	19.6	19.9	20.1	20.4	20.9	19.9	20.2	20.4	20.7	21.2

Variations with the observer position at spacings:		
S = 1.0H	+ 4.7 / -16.9	+ 4.8 / -17.2
1.5H	+ 7.5 / -16.5	+ 7.6 / -16.7
2.0H	+ 1.3 / - 0.5	+ 1.6 / - 0.6

CIE Pub.117, 823.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)

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

UTILIZATION FACTORS TABLE

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

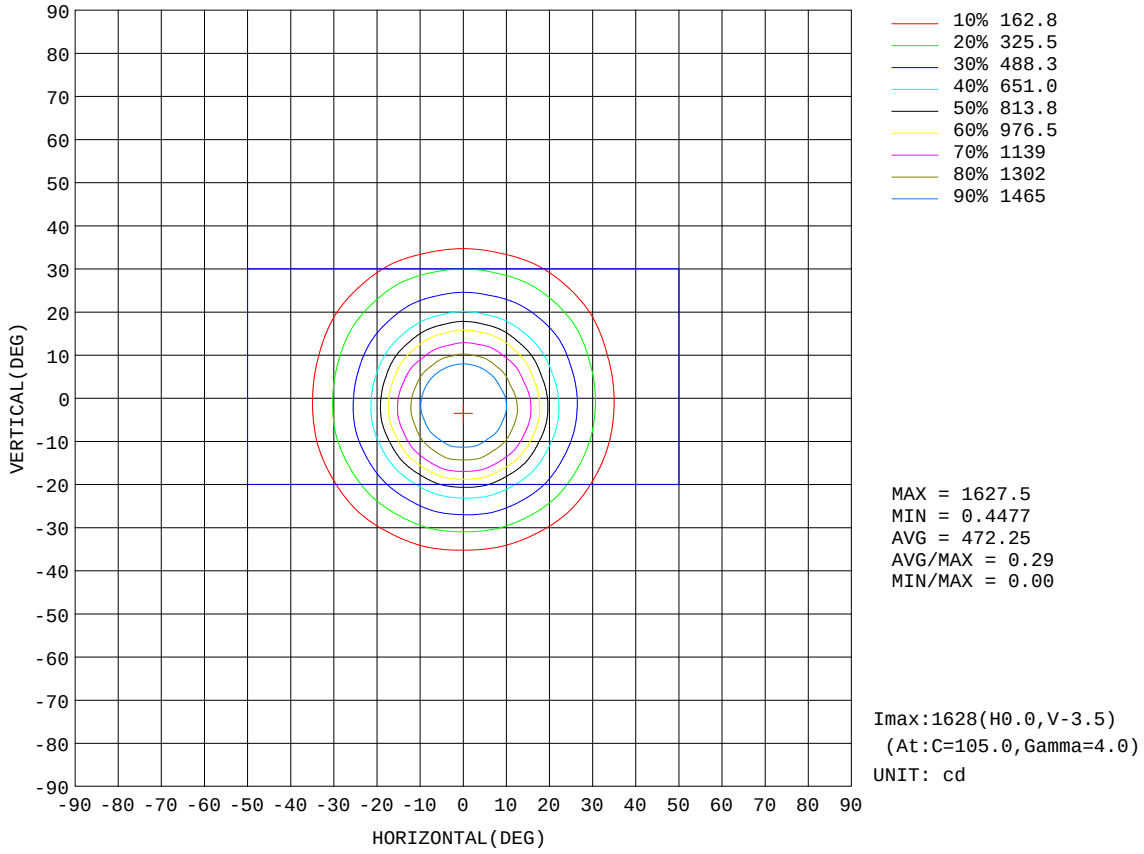
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	90	84	81	89	84	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
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:2021-08-09

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-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



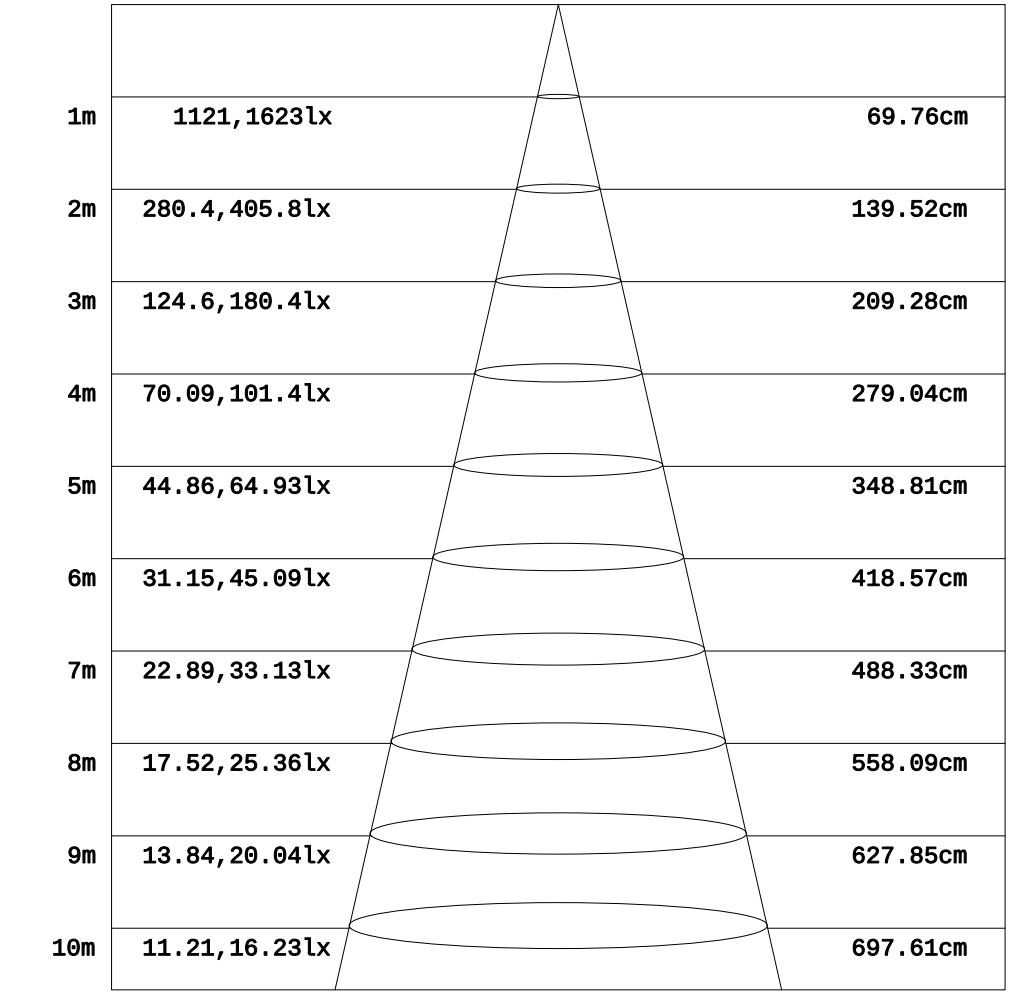
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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

AAI Figure

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:441.8 lm



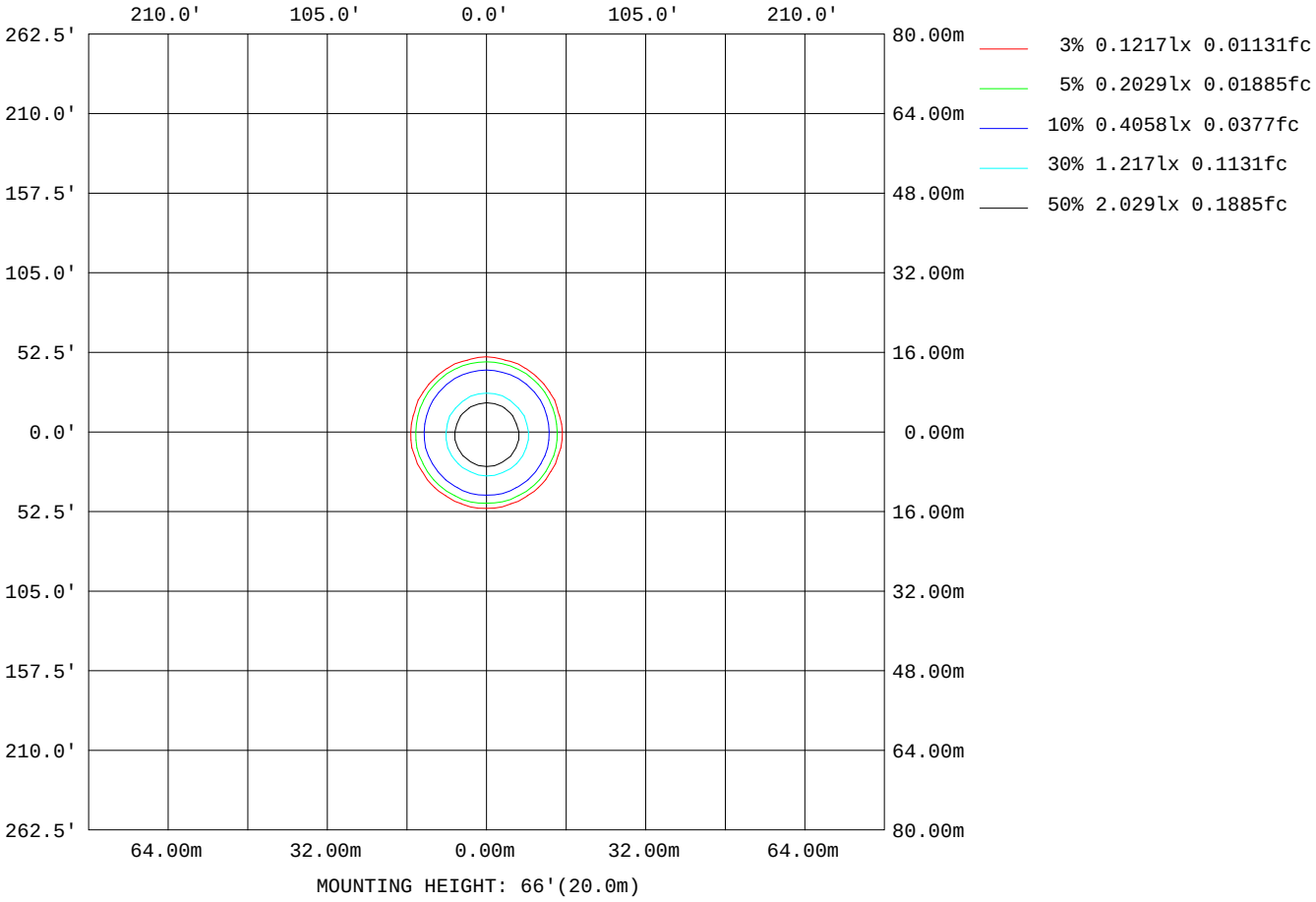
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

ISOLUX DIAGRAM

NAME: vM060-vF62RF01-15W	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 GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

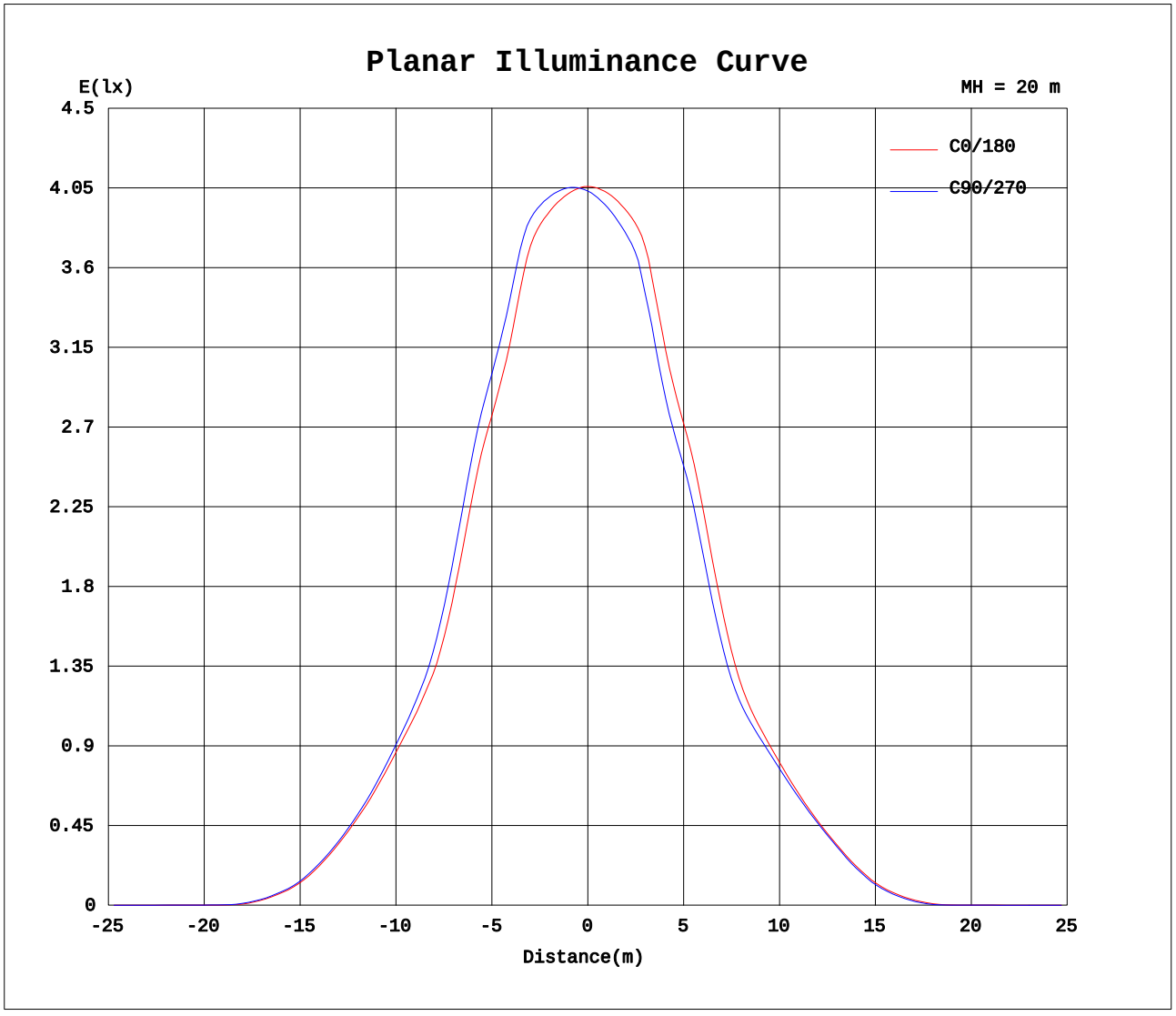
AvgL	cd/m2
L_0~180(65)av	654
L_0~180(75)av	776
L_0~180(85)av	1726
L_90~270(65)av	658
L_90~270(75)av	777
L_90~270(85)av	1831
L_45(65)av	630
L_45(75)av	761
L_45(85)av	1764

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 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:2021-08-09

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-VF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614
5	1589	1599	1607	1616	1621	1627	1627	1628	1623	1620	1610	1604	1591	1579	1572	1561	1557	1552	1553
10	1447	1483	1498	1529	1533	1556	1552	1558	1536	1530	1496	1482	1433	1395	1379	1336	1332	1310	1324
15	1161	1203	1221	1250	1255	1276	1270	1276	1249	1238	1199	1182	1138	1099	1082	1046	1042	1023	1036
20	773	813	827	863	863	885	870	875	842	834	796	785	736	700	691	663	662	647	654
25	537	552	558	576	576	582	570	569	549	543	528	523	500	488	486	478	481	474	476
30	347	355	356	368	367	371	364	367	353	353	345	348	332	326	331	326	332	324	325
35	161	168	166	173	171	176	171	178	169	172	166	171	160	153	160	152	159	148	153
40	32.3	35.0	34.7	37.8	36.3	38.0	37.1	40.3	37.3	39.1	36.7	38.7	33.2	30.2	31.0	27.5	28.4	24.8	26.5
45	1.44	1.51	1.52	1.61	1.60	1.72	1.67	1.69	1.65	1.66	1.58	1.55	1.42	1.35	1.34	1.28	1.28	1.27	1.30
50	0.83	0.86	0.89	0.91	0.91	0.94	0.94	0.93	0.91	0.89	0.86	0.83	0.80	0.81	0.79	0.77	0.74	0.76	0.76
55	0.54	0.55	0.57	0.56	0.58	0.59	0.61	0.60	0.59	0.56	0.55	0.53	0.51	0.53	0.51	0.50	0.48	0.49	0.49
60	0.38	0.38	0.40	0.38	0.40	0.40	0.41	0.40	0.41	0.37	0.38	0.36	0.35	0.37	0.35	0.35	0.32	0.35	0.34
65	0.29	0.28	0.30	0.28	0.30	0.29	0.32	0.30	0.31	0.28	0.29	0.27	0.27	0.29	0.27	0.27	0.24	0.27	0.25
70	0.25	0.24	0.25	0.23	0.25	0.24	0.26	0.24	0.26	0.24	0.24	0.24	0.21	0.24	0.22	0.22	0.20	0.23	0.21
75	0.22	0.20	0.22	0.20	0.22	0.20	0.23	0.21	0.22	0.20	0.22	0.20	0.19	0.21	0.18	0.20	0.17	0.20	0.18
80	0.19	0.18	0.20	0.18	0.20	0.18	0.20	0.19	0.21	0.18	0.19	0.17	0.16	0.19	0.16	0.19	0.16	0.18	0.16
85	0.17	0.16	0.18	0.16	0.18	0.17	0.18	0.16	0.18	0.16	0.17	0.16	0.14	0.15	0.14	0.15	0.13	0.15	0.14
90	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14
95	0.16	0.15	0.16	0.16	0.15	0.15	0.15	0.16	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.13	0.14	0.14	0.15
100	0.16	0.16	0.16	0.16	0.15	0.16	0.15	0.16	0.15	0.16	0.15	0.16	0.16	0.14	0.16	0.14	0.15	0.14	0.15
105	0.19	0.21	0.19	0.20	0.18	0.20	0.19	0.20	0.18	0.20	0.18	0.20	0.21	0.20	0.21	0.20	0.21	0.20	0.21
110	0.36	0.36	0.35	0.36	0.34	0.35	0.34	0.35	0.34	0.36	0.35	0.36	0.37	0.37	0.38	0.37	0.38	0.38	0.39
115	0.68	0.68	0.67	0.67	0.66	0.66	0.66	0.66	0.66	0.67	0.68	0.68	0.70	0.71	0.72	0.73	0.73	0.74	0.73
120	1.19	1.16	1.17	1.14	1.15	1.13	1.14	1.14	1.16	1.16	1.19	1.19	1.24	1.27	1.27	1.31	1.30	1.33	1.30
125	1.98	1.92	1.93	1.88	1.89	1.85	1.89	1.87	1.92	1.91	1.97	1.98	2.07	2.14	2.13	2.20	2.18	2.24	2.19
130	3.10	3.00	3.00	2.91	2.94	2.87	2.93	2.91	2.98	2.97	3.06	3.07	3.20	3.32	3.32	3.41	3.40	3.45	3.41
135	4.49	4.38	4.35	4.25	4.27	4.22	4.27	4.25	4.33	4.33	4.44	4.48	4.65	4.74	4.79	4.86	4.89	4.92	4.90
140	6.02	5.89	5.86	5.76	5.77	5.72	5.78	5.77	5.85	5.86	5.98	6.02	6.21	6.32	6.36	6.45	6.46	6.53	6.48
145	7.56	7.42	7.40	7.29	7.31	7.27	7.34	7.32	7.41	7.42	7.54	7.58	7.75	7.89	7.91	8.02	8.01	8.10	8.03
150	8.94	8.81	8.80	8.70	8.71	8.71	8.79	8.77	8.83	8.84	8.97	9.00	9.15	9.25	9.28	9.34	9.34	9.41	9.38
155	9.92	9.83	9.82	9.80	9.83	9.86	9.94	9.94	9.95	9.96	10.02	10.1	10.2	10.2	10.2	10.2	10.3	10.3	10.3
160	10.3	10.3	10.3	10.4	10.5	10.5	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6
165	10.4	10.4	10.4	10.5	10.7	10.7	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.6	10.6
170	10.4	10.4	10.4	10.4	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.3	10.3	10.3
175	10.4	10.4	10.4	10.5	10.5	10.5	10.4	10.5	10.5	10.6	10.6	10.5	10.5	10.5	10.6	10.5	10.4	10.3	10.3
180	10.6	10.6	10.6	10.7	10.6	10.5	10.5	10.5	10.5	10.7	10.6	10.5	10.6	10.6	10.6	10.7	10.6	10.5	10.5

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

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VM060-VF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	285	300	315	330	345														
0	1614	1614	1614	1614	1614														
5	1552	1557	1561	1570	1577														
10	1318	1346	1351	1386	1400														
15	1035	1061	1069	1103	1118														
20	653	676	685	718	729														
25	477	492	501	518	522														
30	323	335	339	348	341														
35	147	157	154	161	152														
40	24.5	27.0	25.1	27.8	26.8														
45	1.29	1.34	1.34	1.39	1.37														
50	0.78	0.77	0.78	0.76	0.78														
55	0.51	0.50	0.50	0.48	0.50														
60	0.36	0.34	0.35	0.32	0.35														
65	0.27	0.25	0.26	0.24	0.27														
70	0.23	0.20	0.22	0.20	0.22														
75	0.20	0.18	0.19	0.17	0.19														
80	0.18	0.16	0.17	0.14	0.15														
85	0.16	0.14	0.15	0.14	0.13														
90	0.14	0.14	0.14	0.14	0.13														
95	0.14	0.14	0.14	0.14	0.14														
100	0.14	0.15	0.14	0.15	0.14														
105	0.20	0.21	0.19	0.21	0.20														
110	0.37	0.38	0.37	0.38	0.37														
115	0.73	0.72	0.72	0.71	0.70														
120	1.31	1.27	1.28	1.24	1.25														
125	2.21	2.14	2.15	2.08	2.09														
130	3.43	3.34	3.35	3.24	3.24														
135	4.90	4.82	4.79	4.69	4.66														
140	6.49	6.39	6.36	6.23	6.20														
145	8.05	7.93	7.91	7.76	7.72														
150	9.36	9.25	9.21	9.12	9.07														
155	10.3	10.2	10.1	10.03	10.00														
160	10.6	10.5	10.4	10.3	10.3														
165	10.5	10.5	10.4	10.3	10.4														
170	10.3	10.2	10.2	10.2	10.3														
175	10.3	10.4	10.4	10.3	10.2														
180	10.5	10.5	10.7	10.6	10.5														

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