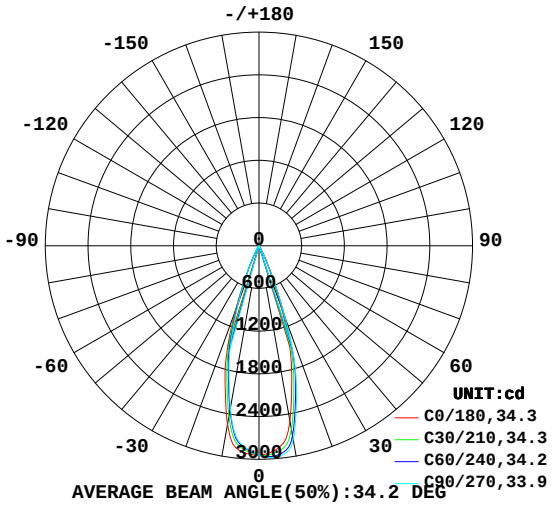
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

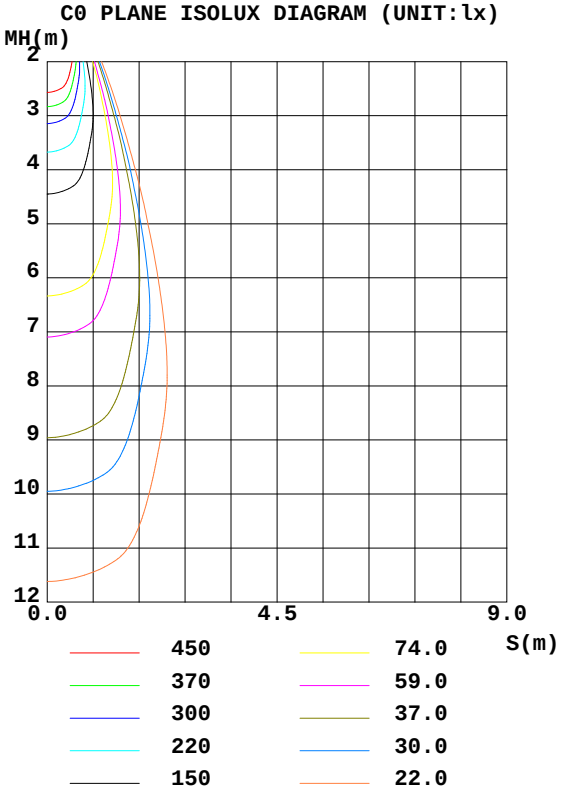
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 69.93 lm/W	
MODEL	BXRE-30G1000-C-7X	Imax(cd)	2986	S/MH(C0/180)	0.53
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	943.55	η UP,DN(C0-180)	1.2,51.8
NOMINAL FLUX(lm)	943.547	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,45.8
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):34.2 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:

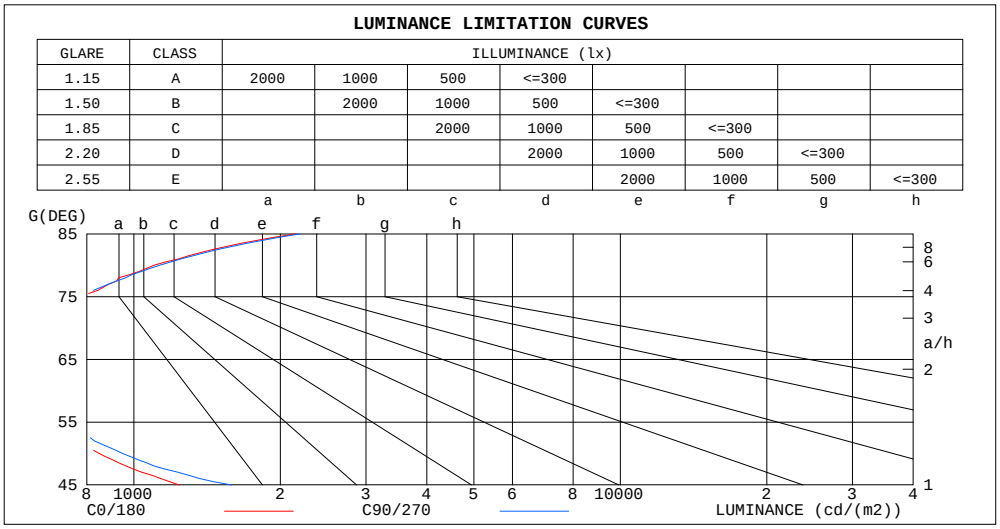
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2502	2688	2765	2729	2548	2362	2314	2329	0- 10	265.6	265.6	28.1,28.1
20	923.4	1062	1081	1101	974.5	848.6	823.8	808.7	10- 20	482.9	748.5	79.3,79.3
30	68.82	58.61	50.17	56.34	62.12	64.64	68.93	69.32	20- 30	157.9	906.5	96.1,96.1
40	2.778	3.015	3.125	3.132	2.636	2.272	2.304	2.368	30- 40	12.19	918.6	97.4,97.4
50	0.5496	0.5722	0.6201	0.5903	0.5770	0.5578	0.5215	0.5045	40- 50	0.8804	919.5	97.5,97.5
60	0.2801	0.2619	0.2921	0.2663	0.2622	0.2820	0.2564	0.2577	50- 60	0.3452	919.9	97.5,97.5
70	0.2144	0.1960	0.2146	0.1998	0.1771	0.2004	0.1792	0.1932	60- 70	0.2216	920.1	97.5,97.5
80	0.1926	0.1882	0.2000	0.1866	0.1695	0.1785	0.1735	0.1746	70- 80	0.1978	920.3	97.5,97.5
90	0.1859	0.1895	0.1881	0.1866	0.1708	0.1670	0.1770	0.1648	80- 90	0.1945	920.5	97.6,97.6
100	0.1859	0.1909	0.1880	0.1922	0.1990	0.1740	0.1996	0.1732	90-100	0.1994	920.7	97.6,97.6
110	0.1881	0.2027	0.1881	0.1999	0.2166	0.1894	0.2036	0.1799	100-110	0.2002	920.9	97.6,97.6
120	0.5762	0.5537	0.5564	0.5559	0.6137	0.6224	0.6095	0.6363	110-120	0.3042	921.2	97.6,97.6
130	2.875	2.682	2.626	2.617	2.875	3.071	3.119	3.146	120-130	1.350	922.5	97.8,97.8
140	7.344	6.998	6.912	6.885	7.278	7.636	7.712	7.753	130-140	3.795	926.3	98.2,98.2
150	12.18	11.92	11.93	11.92	12.27	12.50	12.63	12.55	140-150	6.119	932.4	98.8,98.8
160	13.77	14.09	14.25	14.38	14.19	14.30	14.30	14.10	150-160	6.270	938.7	99.5,99.5
170	11.44	11.64	12.07	12.13	12.01	11.76	11.57	11.28	160-170	3.780	942.5	99.9,99.9
180	10.51	10.68	10.40	10.64	10.54	10.67	10.42	10.63	170-180	1.052	943.5	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-CRI90-38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2151	2199
80	1101	1131
75	788	772
70	622	616
65	555	550
60	556	573
55	648	690
50	849	947
45	1240	1588

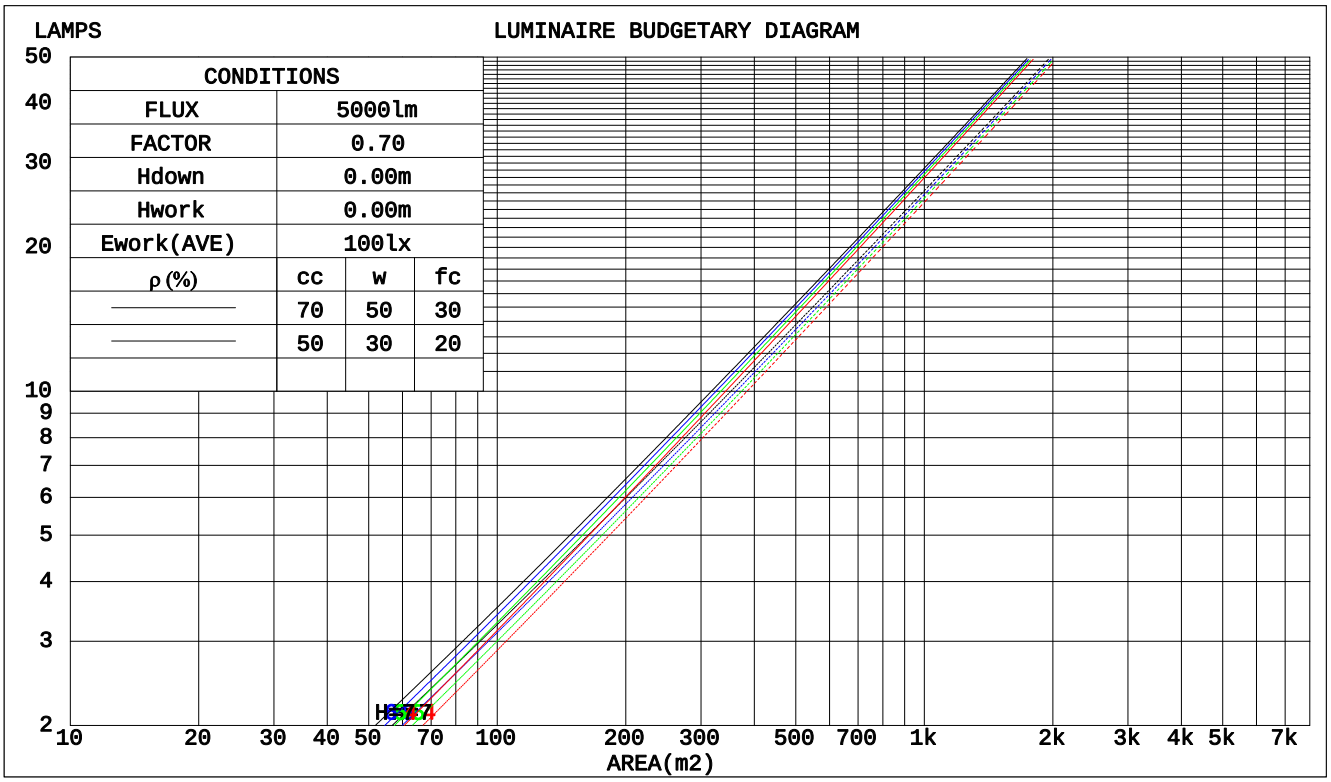
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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-CRI90-38D	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	1.12	1.10	1.08	1.10	1.08	1.06	1.05	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.01	.99	.97	.98	.96	.95	.95	.94	.93	.91
3.0	1.02	.98	.95	1.01	.97	.94	.98	.95	.93	.95	.93	.91	.93	.91	.89	.88
4.0	.98	.94	.91	.97	.93	.90	.94	.91	.89	.92	.90	.88	.90	.88	.86	.85
5.0	.94	.90	.87	.93	.89	.86	.91	.88	.85	.89	.87	.84	.88	.85	.84	.82
6.0	.91	.86	.83	.90	.86	.83	.88	.85	.82	.87	.84	.82	.85	.83	.81	.80
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.84	.81	.79	.83	.80	.78	.77
8.0	.85	.80	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
9.0	.82	.78	.75	.81	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.74	.73
10.0	.80	.75	.73	.79	.75	.73	.78	.75	.72	.77	.74	.72	.77	.74	.72	.71



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-CRI90-38D	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	.140	.080	.025	.133	.076	.024	.119	.068	.022	.107	.062	.020	.095	.055	.018	
2.0	.130	.071	.022	.124	.068	.021	.112	.062	.019	.102	.057	.018	.092	.052	.016	
3.0	.121	.064	.019	.116	.062	.019	.106	.058	.017	.097	.053	.016	.089	.049	.015	
4.0	.114	.059	.017	.109	.057	.017	.101	.053	.016	.093	.050	.015	.086	.047	.014	
5.0	.107	.055	.016	.103	.053	.015	.096	.050	.015	.089	.047	.014	.083	.044	.013	
6.0	.102	.051	.015	.098	.050	.014	.092	.047	.014	.086	.045	.013	.081	.042	.013	
7.0	.097	.048	.014	.094	.047	.013	.088	.045	.013	.083	.043	.012	.078	.041	.012	
8.0	.092	.045	.013	.090	.044	.012	.085	.042	.012	.080	.041	.012	.076	.039	.011	
9.0	.088	.043	.012	.086	.042	.012	.082	.040	.011	.077	.039	.011	.073	.037	.011	
10.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.075	.037	.011	.071	.036	.010	

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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.187	.176	.167	.160	.151	.143	.110	.104	.099	.063	.060	.058	.020	.019	.019	
2.0	.170	.152	.137	.145	.130	.118	.100	.090	.082	.057	.053	.048	.018	.017	.016	
3.0	.155	.132	.114	.133	.114	.099	.091	.079	.070	.053	.046	.041	.017	.015	.013	
4.0	.143	.117	.098	.122	.101	.085	.084	.070	.060	.049	.041	.035	.016	.013	.012	
5.0	.132	.105	.085	.114	.091	.074	.078	.063	.052	.045	.037	.031	.015	.012	.010	
6.0	.124	.095	.074	.106	.082	.065	.073	.058	.046	.042	.034	.027	.014	.011	.009	
7.0	.116	.087	.066	.100	.075	.058	.069	.053	.041	.040	.031	.024	.013	.010	.008	
8.0	.110	.080	.060	.094	.070	.052	.065	.049	.037	.038	.029	.022	.012	.009	.007	
9.0	.104	.075	.055	.090	.065	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
10.0	.099	.070	.050	.086	.061	.044	.059	.043	.031	.035	.025	.019	.011	.008	.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-CRI90-38D	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	5.1	5.8	5.4	6.0	6.2	3.7	4.4	3.9	4.5	4.7
	3H	5.0	5.6	5.3	5.8	6.1	3.6	4.2	3.9	4.4	4.6
	4H	5.0	5.5	5.3	5.8	6.0	3.5	4.1	3.8	4.4	4.6
	6H	4.9	5.5	5.3	5.8	6.0	3.5	4.1	3.9	4.4	4.6
	8H	4.9	5.5	5.3	5.8	6.0	3.6	4.1	3.9	4.4	4.7
	12H	5.0	5.5	5.3	5.8	6.1	3.7	4.2	4.0	4.5	4.8
4H	2H	4.9	5.5	5.2	5.7	6.0	3.5	4.0	3.8	4.3	4.5
	3H	4.8	5.3	5.1	5.6	5.9	3.4	3.9	3.7	4.2	4.5
	4H	4.7	5.2	5.1	5.5	5.9	3.3	3.8	3.7	4.1	4.5
	6H	4.7	5.1	5.1	5.5	5.9	3.4	3.8	3.8	4.2	4.6
	8H	4.8	5.2	5.2	5.5	6.0	3.5	3.9	3.9	4.2	4.7
	12H	4.9	5.2	5.3	5.6	6.1	3.6	4.0	4.1	4.4	4.8
8H	4H	4.6	5.0	5.0	5.4	5.8	3.2	3.6	3.7	4.0	4.4
	6H	4.6	5.0	5.1	5.4	5.9	3.4	3.7	3.8	4.1	4.6
	8H	4.7	5.0	5.2	5.5	6.0	3.5	3.8	4.0	4.2	4.7
	12H	4.9	5.2	5.4	5.7	6.2	3.8	4.1	4.3	4.5	5.1
12H	4H	4.6	4.9	5.0	5.3	5.8	3.2	3.5	3.6	4.0	4.4
	6H	4.6	4.9	5.1	5.4	5.8	3.3	3.6	3.8	4.1	4.6
	8H	4.7	5.0	5.3	5.5	6.0	3.5	3.8	4.1	4.3	4.8
Variations with the observer position at spacings:											
S = 1.0H		+ 3.6 / - 2.7					+ 3.5 / - 2.7				
1.5H		+ 6.0 / - 2.6					+ 5.8 / - 2.6				
2.0H		+ 0.5 / - 0.3					+ 0.9 / - 0.4				

CIE Pub.117, 943.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.2)

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-CRI90-38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

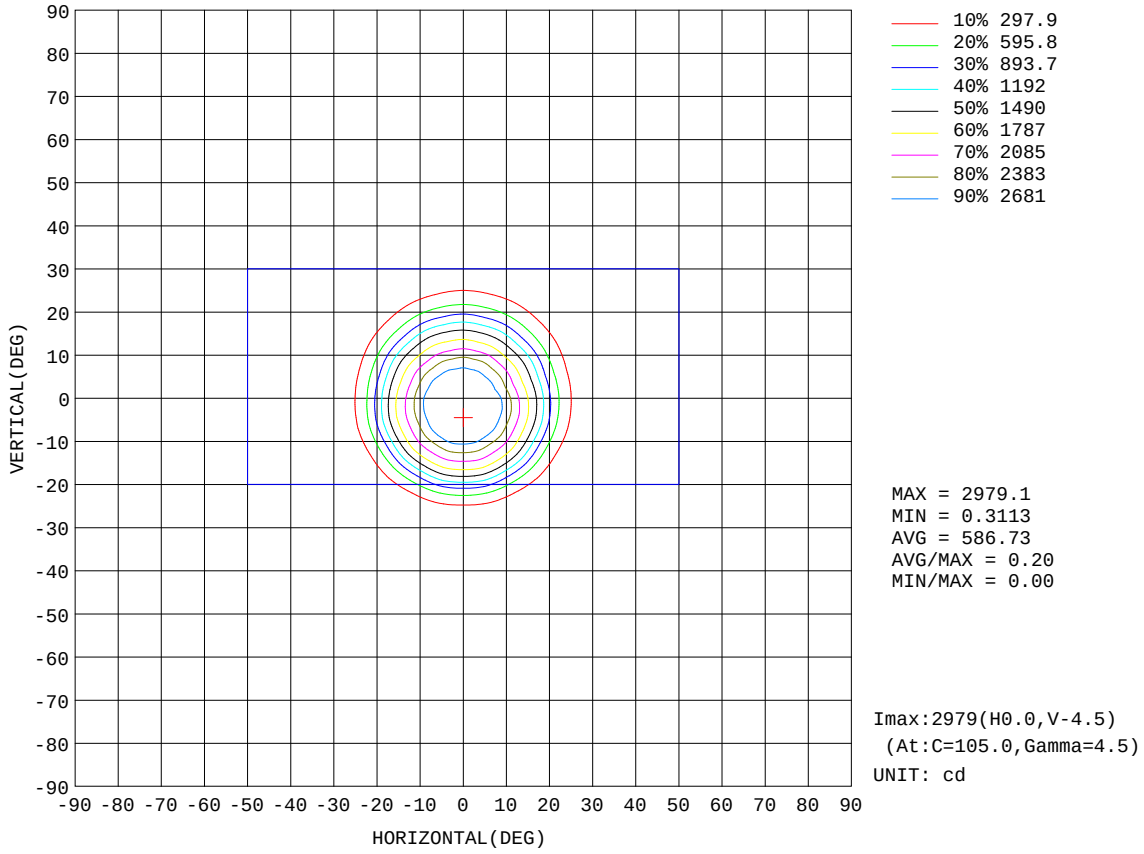
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	90	84	81	89	84	81	89	84	81	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	91
1.50	107	102	99	105	101	99	103	100	97	93
2.00	109	105	102	107	104	101	104	102	99	94
2.50	110	107	104	109	106	103	105	103	101	95
3.00	112	109	106	110	107	105	106	104	102	95
4.00	114	111	109	111	109	108	108	106	105	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-CRI90-38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



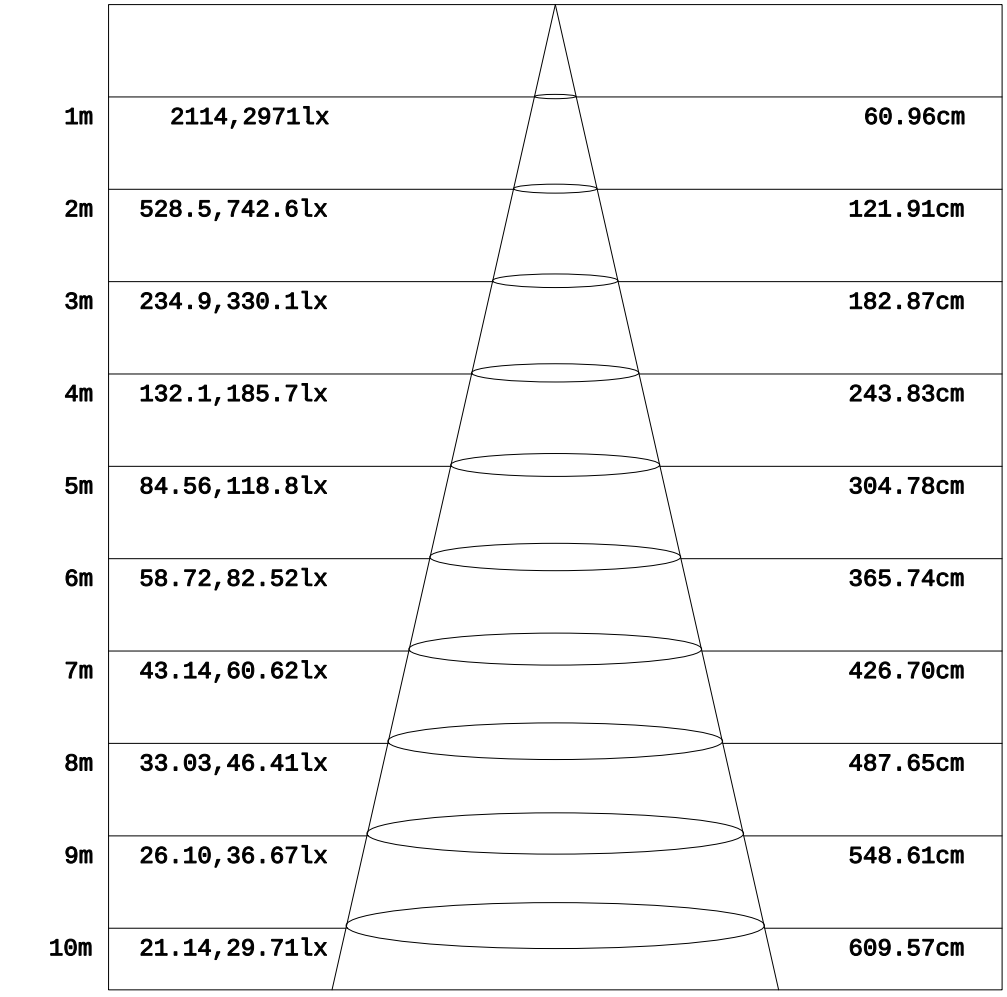
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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-CRI90-38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:620.8 lm



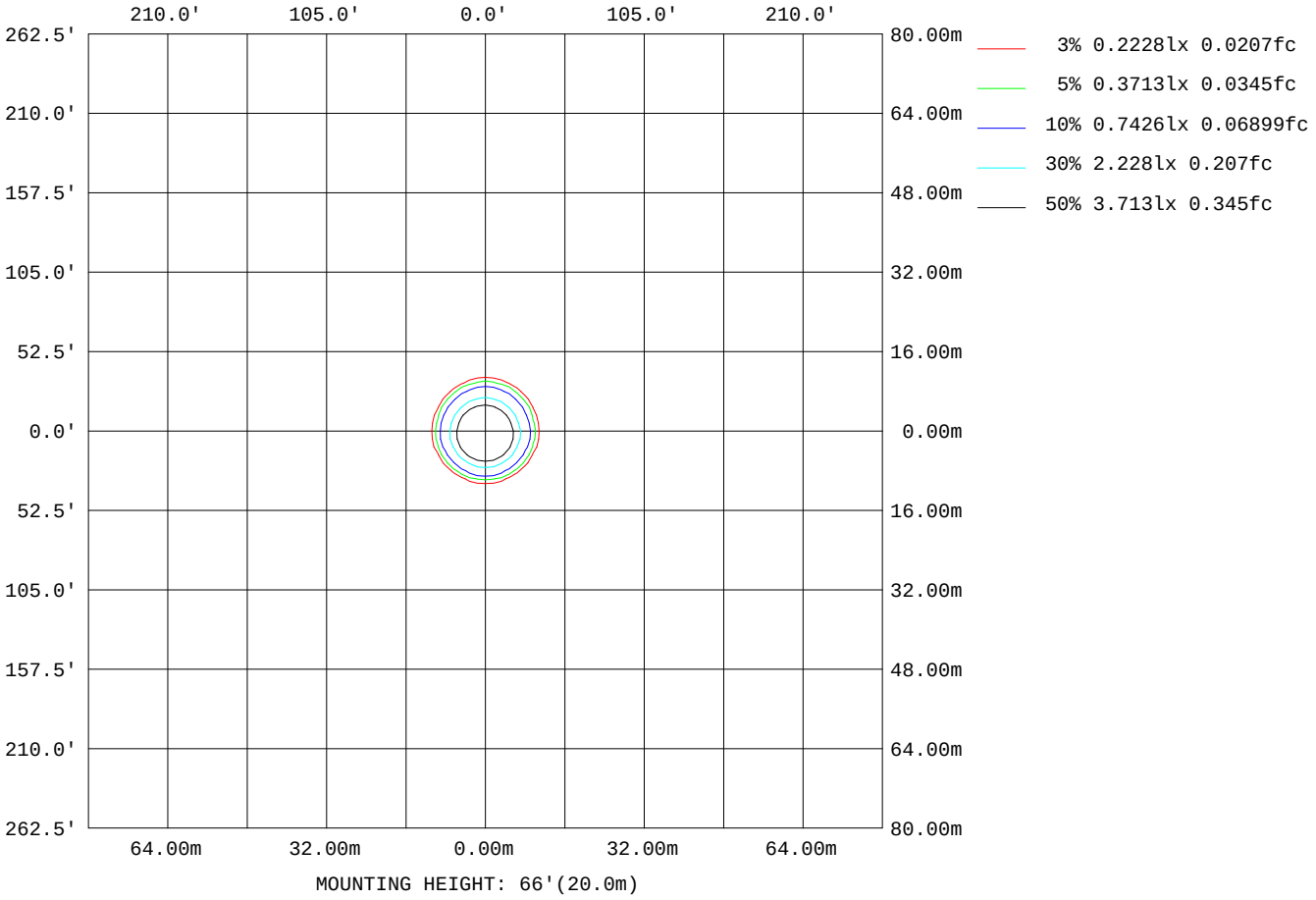
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-CRI90-38D	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-CRI90-38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

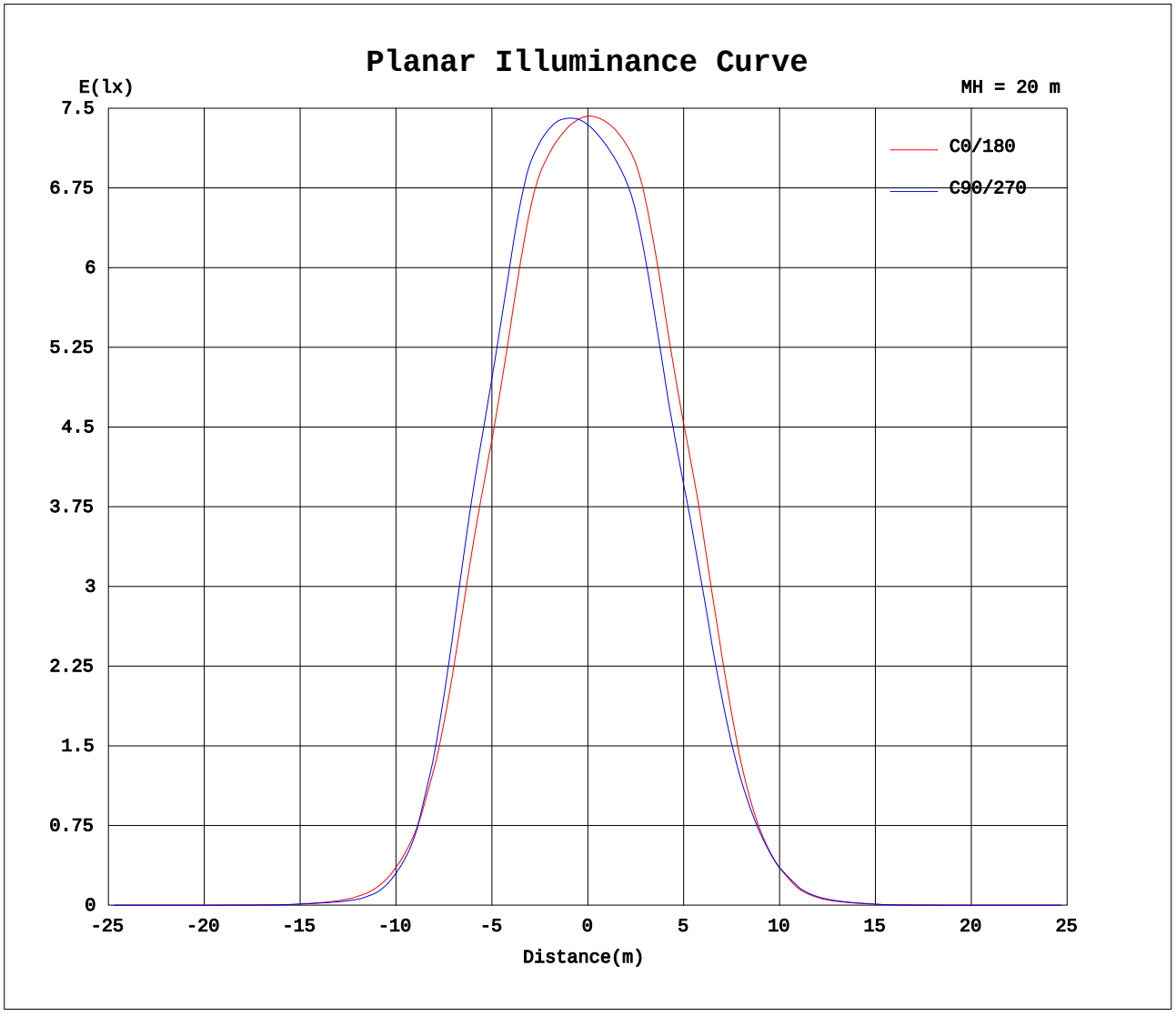
AvgL	cd/m2
L_0~180(65)av	511
L_0~180(75)av	714
L_0~180(85)av	2016
L_90~270(65)av	515
L_90~270(75)av	717
L_90~270(85)av	2076
L_45(65)av	498
L_45(75)av	703
L_45(85)av	2016

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-CRI90-38D	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	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942	2942
5	2868	2894	2911	2938	2953	2972	2980	2985	2974	2963	2940	2928	2897	2870	2848	2826	2815	2802	2802
10	2502	2585	2618	2688	2710	2765	2765	2788	2748	2729	2664	2640	2548	2468	2434	2362	2344	2298	2314
15	1770	1853	1886	1968	1990	2048	2032	2057	2022	2020	1958	1940	1843	1767	1742	1676	1659	1609	1613
20	923	988	990	1062	1056	1114	1081	1117	1071	1101	1053	1065	974	909	906	849	850	807	824
25	298	306	289	299	280	293	276	294	284	309	304	326	301	289	300	287	296	286	298
30	68.8	68.1	62.6	58.6	55.2	51.3	50.2	50.3	51.2	56.3	59.4	64.8	62.1	64.5	65.6	64.6	65.2	66.2	68.9
35	17.9	18.1	17.0	17.0	16.0	16.3	15.6	15.6	15.0	15.6	15.3	16.0	15.2	14.8	15.8	15.1	15.9	15.5	16.8
40	2.78	2.96	2.90	3.01	2.91	3.13	3.12	3.20	3.05	3.13	3.01	2.97	2.64	2.46	2.45	2.27	2.27	2.18	2.30
45	0.88	0.95	0.97	1.02	1.04	1.12	1.14	1.19	1.20	1.12	1.02	1.02	0.98	0.96	0.92	0.87	0.83	0.82	0.83
50	0.55	0.56	0.58	0.57	0.58	0.59	0.62	0.62	0.62	0.59	0.58	0.58	0.58	0.60	0.58	0.56	0.52	0.53	0.52
55	0.37	0.37	0.38	0.37	0.38	0.38	0.40	0.40	0.41	0.38	0.38	0.37	0.37	0.40	0.38	0.38	0.35	0.36	0.35
60	0.28	0.27	0.28	0.26	0.28	0.27	0.29	0.27	0.29	0.27	0.28	0.26	0.26	0.29	0.27	0.28	0.25	0.27	0.26
65	0.24	0.21	0.24	0.20	0.23	0.21	0.24	0.22	0.24	0.21	0.23	0.22	0.20	0.23	0.21	0.23	0.21	0.22	0.21
70	0.21	0.20	0.21	0.20	0.21	0.20	0.21	0.20	0.22	0.20	0.21	0.20	0.18	0.20	0.18	0.20	0.18	0.20	0.18
75	0.21	0.19	0.20	0.19	0.20	0.18	0.20	0.19	0.20	0.19	0.20	0.18	0.17	0.19	0.17	0.19	0.17	0.19	0.17
80	0.19	0.19	0.20	0.19	0.20	0.18	0.20	0.19	0.19	0.19	0.20	0.18	0.17	0.18	0.17	0.18	0.17	0.18	0.17
85	0.19	0.19	0.19	0.19	0.20	0.18	0.20	0.19	0.19	0.19	0.19	0.18	0.17	0.17	0.16	0.17	0.17	0.17	0.17
90	0.19	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.19	0.19	0.18	0.19	0.17	0.17	0.17	0.17	0.17	0.17	0.18
95	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.19	0.18	0.19	0.19	0.17	0.19	0.17	0.18	0.17	0.19
100	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.19	0.18	0.19	0.20	0.18	0.19	0.17	0.18	0.18	0.20
105	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.19	0.18	0.19	0.20	0.18	0.20	0.18	0.20	0.18	0.20
110	0.19	0.20	0.19	0.20	0.19	0.21	0.19	0.20	0.19	0.20	0.18	0.20	0.22	0.20	0.21	0.19	0.20	0.18	0.20
115	0.25	0.27	0.25	0.27	0.26	0.27	0.26	0.28	0.27	0.27	0.26	0.27	0.29	0.27	0.28	0.27	0.27	0.25	0.27
120	0.58	0.56	0.57	0.55	0.56	0.55	0.56	0.55	0.56	0.56	0.56	0.55	0.61	0.63	0.61	0.62	0.61	0.62	0.61
125	1.42	1.35	1.37	1.31	1.33	1.27	1.31	1.27	1.31	1.27	1.33	1.30	1.43	1.50	1.47	1.54	1.51	1.57	1.53
130	2.87	2.78	2.76	2.68	2.67	2.61	2.63	2.59	2.63	2.62	2.67	2.67	2.87	2.97	2.98	3.07	3.07	3.15	3.12
135	4.93	4.79	4.76	4.62	4.62	4.52	4.56	4.49	4.56	4.53	4.63	4.63	4.88	5.02	5.04	5.18	5.18	5.28	5.25
140	7.34	7.18	7.15	7.00	6.99	6.87	6.91	6.84	6.92	6.89	7.01	7.01	7.28	7.44	7.47	7.64	7.63	7.75	7.71
145	9.89	9.74	9.69	9.55	9.54	9.45	9.48	9.42	9.48	9.46	9.57	9.58	9.85	10.0	10.0	10.2	10.2	10.3	10.3
150	12.2	12.1	12.0	11.9	11.9	11.9	11.9	11.9	11.9	11.9	12.0	12.0	12.3	12.4	12.4	12.5	12.5	12.6	12.6
155	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.9	13.9	13.9	14.0	14.0	14.1	14.1
160	13.8	13.8	13.9	14.1	14.2	14.2	14.3	14.4	14.4	14.4	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3
165	12.8	12.9	13.0	13.2	13.4	13.6	13.7	13.8	13.7	13.7	13.5	13.5	13.4	13.4	13.4	13.3	13.3	13.4	13.4
170	11.4	11.5	11.5	11.6	11.8	12.0	12.1	12.2	12.1	12.1	12.2	12.2	12.0	12.0	11.9	11.8	11.7	11.6	11.6
175	10.4	10.4	10.5	10.7	10.8	10.7	10.7	10.8	10.9	11.1	11.1	10.9	10.8	10.8	10.9	10.9	10.7	10.5	10.4
180	10.5	10.5	10.5	10.7	10.5	10.4	10.4	10.4	10.4	10.6	10.5	10.4	10.5	10.5	10.5	10.7	10.5	10.4	10.4

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-CRI90-38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	285	300	315	330	345														
0	2942	2942	2942	2942	2942														
5	2800	2807	2810	2824	2838														
10	2296	2330	2329	2384	2407														
15	1588	1619	1614	1670	1690														
20	796	827	809	853	849														
25	290	299	289	299	284														
30	67.3	71.0	69.3	72.3	66.9														
35	16.1	17.1	16.6	17.7	16.7														
40	2.29	2.43	2.37	2.53	2.47														
45	0.83	0.81	0.79	0.77	0.79														
50	0.54	0.51	0.50	0.47	0.50														
55	0.37	0.34	0.34	0.32	0.34														
60	0.28	0.24	0.26	0.24	0.26														
65	0.22	0.20	0.21	0.19	0.21														
70	0.20	0.17	0.19	0.17	0.19														
75	0.19	0.17	0.18	0.16	0.18														
80	0.18	0.17	0.17	0.16	0.16														
85	0.17	0.17	0.17	0.16	0.15														
90	0.17	0.17	0.16	0.17	0.15														
95	0.17	0.19	0.17	0.18	0.17														
100	0.18	0.19	0.17	0.19	0.17														
105	0.18	0.19	0.18	0.19	0.18														
110	0.19	0.20	0.18	0.20	0.19														
115	0.25	0.27	0.26	0.28	0.27														
120	0.62	0.61	0.64	0.63	0.65														
125	1.58	1.53	1.58	1.52	1.57														
130	3.17	3.12	3.15	3.08	3.09														
135	5.33	5.24	5.28	5.18	5.18														
140	7.81	7.71	7.75	7.62	7.62														
145	10.4	10.3	10.3	10.2	10.2														
150	12.7	12.6	12.5	12.5	12.5														
155	14.1	14.0	13.9	13.8	13.8														
160	14.3	14.2	14.1	13.9	13.9														
165	13.2	13.2	13.0	12.9	12.9														
170	11.5	11.4	11.3	11.3	11.4														
175	10.4	10.5	10.5	10.3	10.3														
180	10.3	10.4	10.6	10.5	10.4														

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: