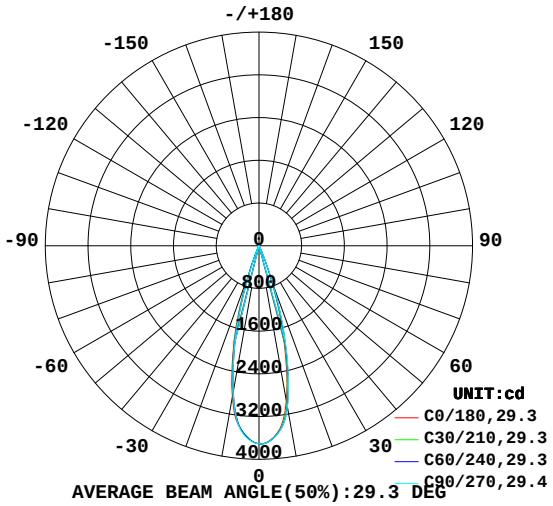
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

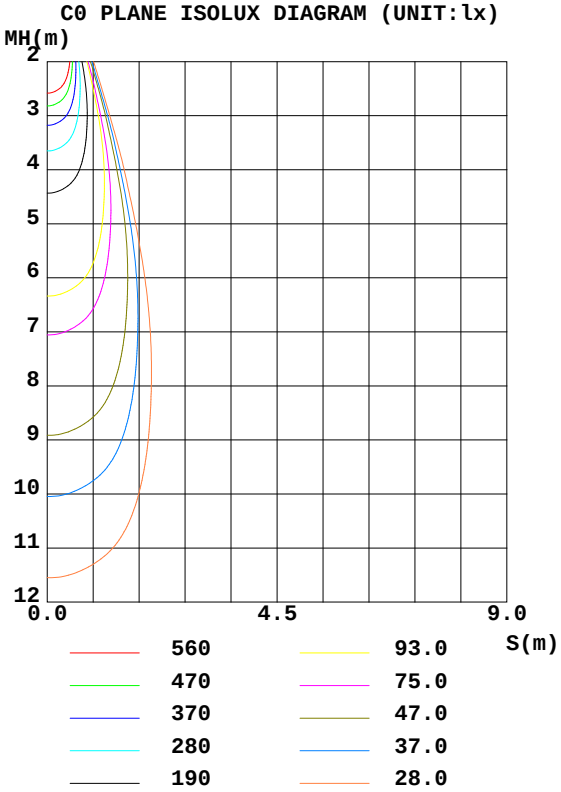
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 66.52 lm/W	
MODEL	BXRE-30G1000-C-7X	Imax(cd)	3714	S/MH(C0/180)	0.46
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	896.10	η UP,DN(C0-180)	1.2,51.9
NOMINAL FLUX(lm)	896.102	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,45.6
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	97.5	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):29.3 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:

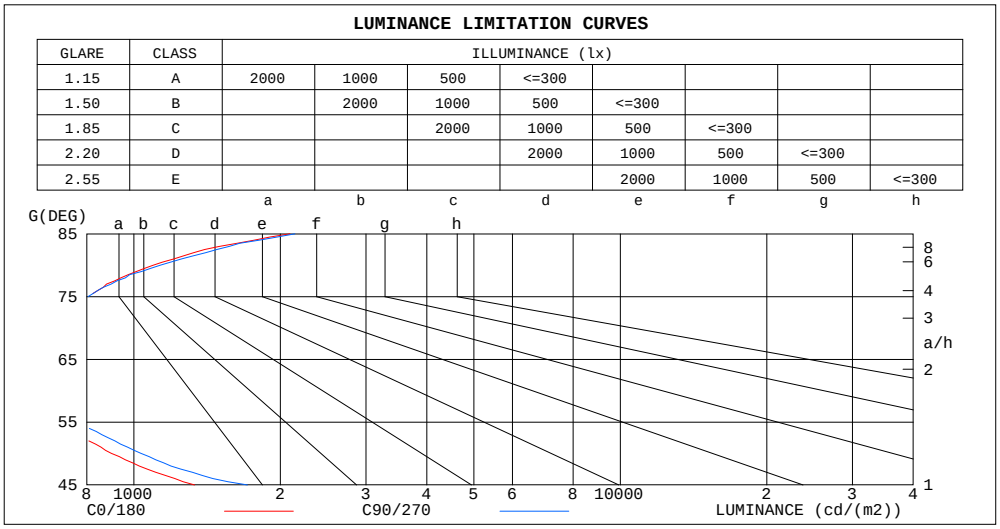
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2951	3071	3071	3032	2875	2756	2783	2805	0- 10	319.4	319.4	35.6,35.6
20	643.0	756.5	747.9	752.0	620.6	501.2	468.2	518.3	10- 20	467.0	786.3	87.7,87.7
30	43.91	44.39	39.17	38.38	34.54	32.61	34.16	37.69	20- 30	76.80	863.1	96.3,96.3
40	3.139	3.455	3.607	3.680	3.296	2.888	2.640	2.634	30- 40	8.966	872.1	97.3,97.3
50	0.5847	0.6103	0.6775	0.6553	0.6426	0.6179	0.5655	0.5368	40- 50	1.022	873.1	97.4,97.4
60	0.3010	0.2800	0.3186	0.2902	0.2830	0.2912	0.2763	0.2705	50- 60	0.3746	873.5	97.5,97.5
70	0.2218	0.2074	0.2299	0.2083	0.1888	0.2051	0.1813	0.1928	60- 70	0.2359	873.7	97.5,97.5
80	0.1924	0.1808	0.2003	0.1925	0.1664	0.1786	0.1673	0.1715	70- 80	0.1996	873.9	97.5,97.5
90	0.1756	0.1809	0.1814	0.1770	0.1691	0.1599	0.1712	0.1610	80- 90	0.1883	874.1	97.5,97.5
100	0.1756	0.1878	0.1791	0.1828	0.2064	0.1808	0.2026	0.1764	90-100	0.1946	874.3	97.6,97.6
110	0.1756	0.1920	0.1791	0.1884	0.2108	0.1874	0.2075	0.1950	100-110	0.1992	874.5	97.6,97.6
120	0.3287	0.3069	0.2914	0.3195	0.4069	0.4182	0.4188	0.4071	110-120	0.2295	874.7	97.6,97.6
130	2.251	2.052	2.048	2.088	2.444	2.618	2.614	2.578	120-130	0.9738	875.7	97.7,97.7
140	6.929	6.616	6.621	6.675	7.166	7.450	7.428	7.389	130-140	3.445	879.1	98.1,98.1
150	12.19	11.94	11.98	12.01	12.47	12.66	12.70	12.56	140-150	6.061	885.2	98.8,98.8
160	13.72	13.95	14.11	14.19	14.15	14.22	14.25	13.98	150-160	6.299	891.5	99.5,99.5
170	10.71	10.79	11.10	11.14	11.15	10.94	10.79	10.49	160-170	3.664	895.2	99.9,99.9
180	8.776	8.906	8.600	8.855	8.804	8.900	8.613	8.850	170-180	0.9315	896.1	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-EF62RF01-15W	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	2093	2143
80	1096	1133
75	789	805
70	641	660
65	581	596
60	595	626
55	693	761
50	900	1035
45	1333	1711

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:

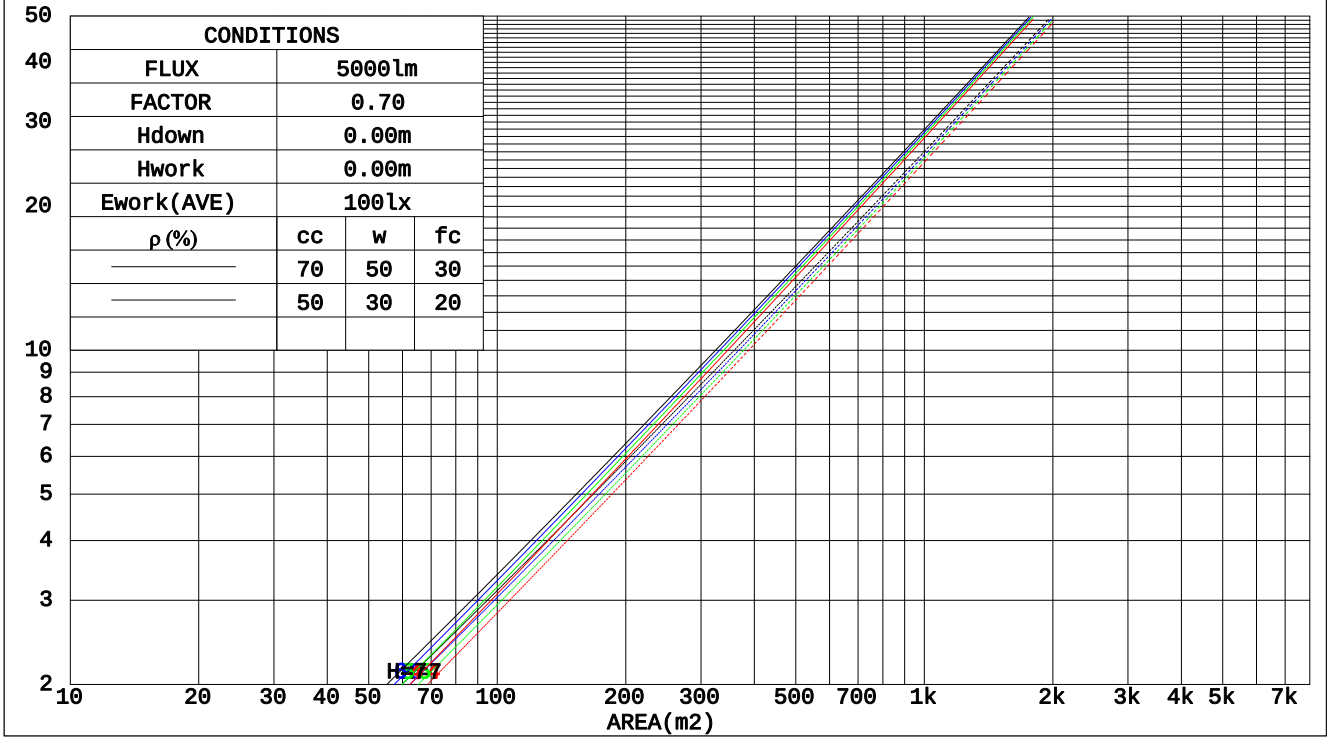
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: VM060-VF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	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	1.11	1.09	1.10	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.98	.97	.97	.95
2.0	1.07	1.05	1.02	1.06	1.03	1.01	1.02	1.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.03	.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.93	.94	.92	.91	.90
4.0	.99	.96	.93	.98	.95	.92	.96	.93	.91	.94	.91	.90	.92	.90	.88	.87
5.0	.96	.92	.89	.95	.91	.89	.93	.90	.88	.91	.89	.87	.90	.88	.86	.85
6.0	.93	.89	.86	.92	.89	.86	.91	.88	.85	.89	.87	.84	.88	.86	.84	.83
7.0	.90	.86	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.86	.83	.82	.81
8.0	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.84	.82	.80	.79
9.0	.85	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.82	.80	.78	.77
10.0	.83	.79	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.80	.78	.76	.75

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



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-CRI90-24D	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	.133	.076	.024	.126	.072	.023	.112	.064	.021	.100	.057	.018	.088	.051	.016	
2.0	.122	.067	.021	.116	.064	.020	.105	.058	.018	.094	.053	.017	.085	.048	.015	
3.0	.114	.060	.018	.108	.058	.017	.099	.054	.016	.090	.049	.015	.082	.045	.014	
4.0	.106	.055	.016	.102	.053	.016	.093	.050	.015	.086	.046	.014	.079	.043	.013	
5.0	.100	.051	.015	.096	.049	.014	.089	.046	.014	.082	.043	.013	.076	.041	.012	
6.0	.094	.047	.013	.091	.046	.013	.085	.043	.013	.079	.041	.012	.073	.039	.011	
7.0	.089	.044	.012	.086	.043	.012	.081	.041	.012	.076	.039	.011	.071	.037	.011	
8.0	.085	.041	.012	.082	.041	.011	.077	.039	.011	.073	.037	.011	.069	.035	.010	
9.0	.081	.039	.011	.079	.038	.011	.074	.037	.010	.070	.035	.010	.067	.034	.010	
10.0	.078	.037	.010	.076	.037	.010	.072	.035	.010	.068	.034	.010	.065	.033	.009	

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	.177	.167	.160	.152	.144	.109	.104	.100	.063	.060	.058	.020	.019	.019	
2.0	.169	.152	.137	.144	.131	.119	.099	.090	.083	.057	.053	.049	.018	.017	.016	
3.0	.153	.132	.116	.132	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.014	
4.0	.141	.117	.099	.121	.101	.086	.083	.070	.060	.048	.041	.036	.015	.013	.012	
5.0	.130	.105	.086	.112	.091	.075	.077	.063	.053	.045	.037	.031	.014	.012	.010	
6.0	.121	.095	.076	.104	.082	.066	.072	.057	.047	.042	.034	.028	.013	.011	.009	
7.0	.113	.086	.068	.097	.075	.059	.067	.053	.042	.039	.031	.025	.013	.010	.008	
8.0	.107	.080	.061	.092	.069	.053	.064	.048	.038	.037	.029	.022	.012	.009	.007	
9.0	.101	.074	.056	.087	.064	.048	.060	.045	.034	.035	.027	.021	.011	.009	.007	
10.0	.096	.069	.051	.083	.060	.045	.057	.042	.032	.034	.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-CRI90-24D	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	4.2	4.8	4.4	4.9	5.1	3.8	4.4	4.0	4.6	4.8
	3H	4.0	4.6	4.3	4.8	5.1	3.7	4.3	4.0	4.5	4.7
	4H	4.0	4.5	4.3	4.8	5.0	3.7	4.2	4.0	4.4	4.7
	6H	4.0	4.5	4.3	4.8	5.1	3.7	4.2	4.0	4.5	4.7
	8H	4.0	4.5	4.4	4.8	5.1	3.7	4.2	4.1	4.5	4.8
	12H	4.1	4.6	4.5	4.9	5.2	3.8	4.3	4.2	4.6	4.9
4H	2H	3.9	4.5	4.2	4.7	5.0	3.6	4.1	3.9	4.4	4.6
	3H	3.8	4.3	4.2	4.6	4.9	3.5	4.0	3.8	4.3	4.6
	4H	3.8	4.2	4.2	4.6	4.9	3.5	3.9	3.8	4.2	4.6
	6H	3.9	4.2	4.3	4.6	5.0	3.5	3.9	3.9	4.3	4.7
	8H	3.9	4.3	4.3	4.7	5.1	3.6	4.0	4.1	4.4	4.8
	12H	4.1	4.4	4.5	4.8	5.2	3.8	4.1	4.2	4.5	5.0
8H	4H	3.7	4.1	4.1	4.4	4.9	3.4	3.7	3.8	4.1	4.5
	6H	3.8	4.1	4.3	4.5	5.0	3.5	3.8	4.0	4.2	4.7
	8H	4.0	4.2	4.4	4.7	5.2	3.7	3.9	4.2	4.4	4.9
	12H	4.2	4.5	4.7	4.9	5.5	4.0	4.2	4.5	4.7	5.2
12H	4H	3.7	4.0	4.1	4.4	4.8	3.3	3.7	3.8	4.1	4.5
	6H	3.8	4.1	4.3	4.5	5.0	3.5	3.8	4.0	4.2	4.7
	8H	4.0	4.2	4.5	4.7	5.2	3.7	3.9	4.2	4.4	4.9
Variations with the observer position at spacings:											
S = 1.0H		+ 2.7 / - 2.2					+ 2.8 / - 2.3				
1.5H		+ 4.9 / - 2.0					+ 5.0 / - 2.1				
2.0H		+ 0.6 / - 0.3					+ 1.0 / - 0.4				

CIE Pub.117, 896.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)

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:

UTILIZATION FACTORS TABLE

NAME: vM060-vF62RF01-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

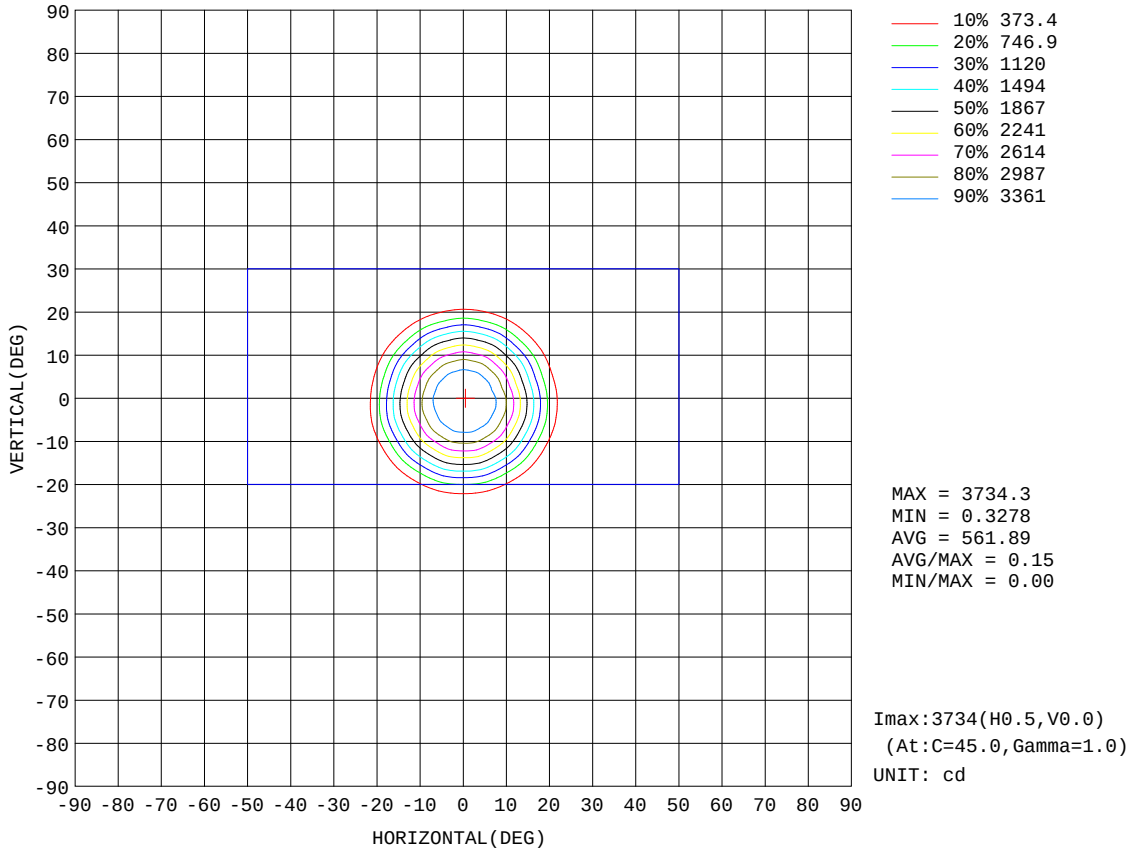
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	90	84	81	89	84	81	88	84	80	77
0.80	97	92	88	96	91	88	95	90	88	84
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	105	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-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



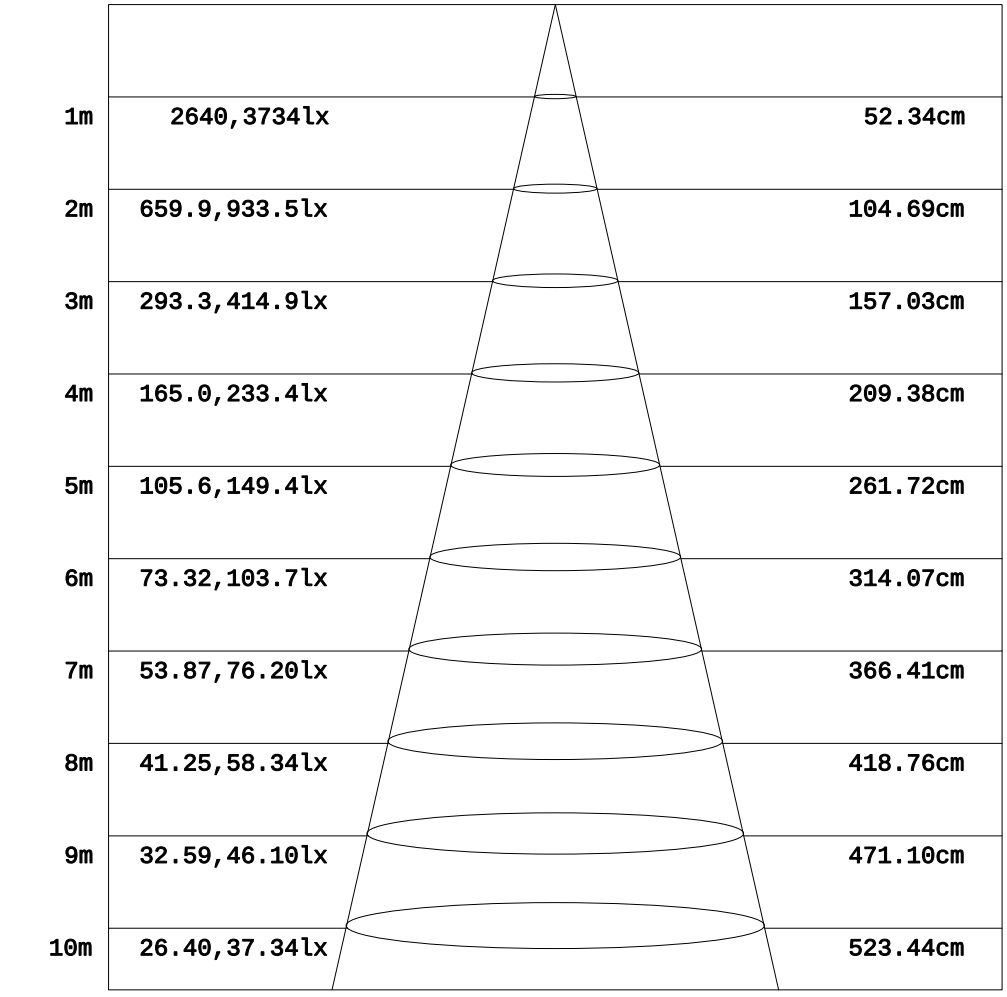
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2021-08-09

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-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:595.4 lm



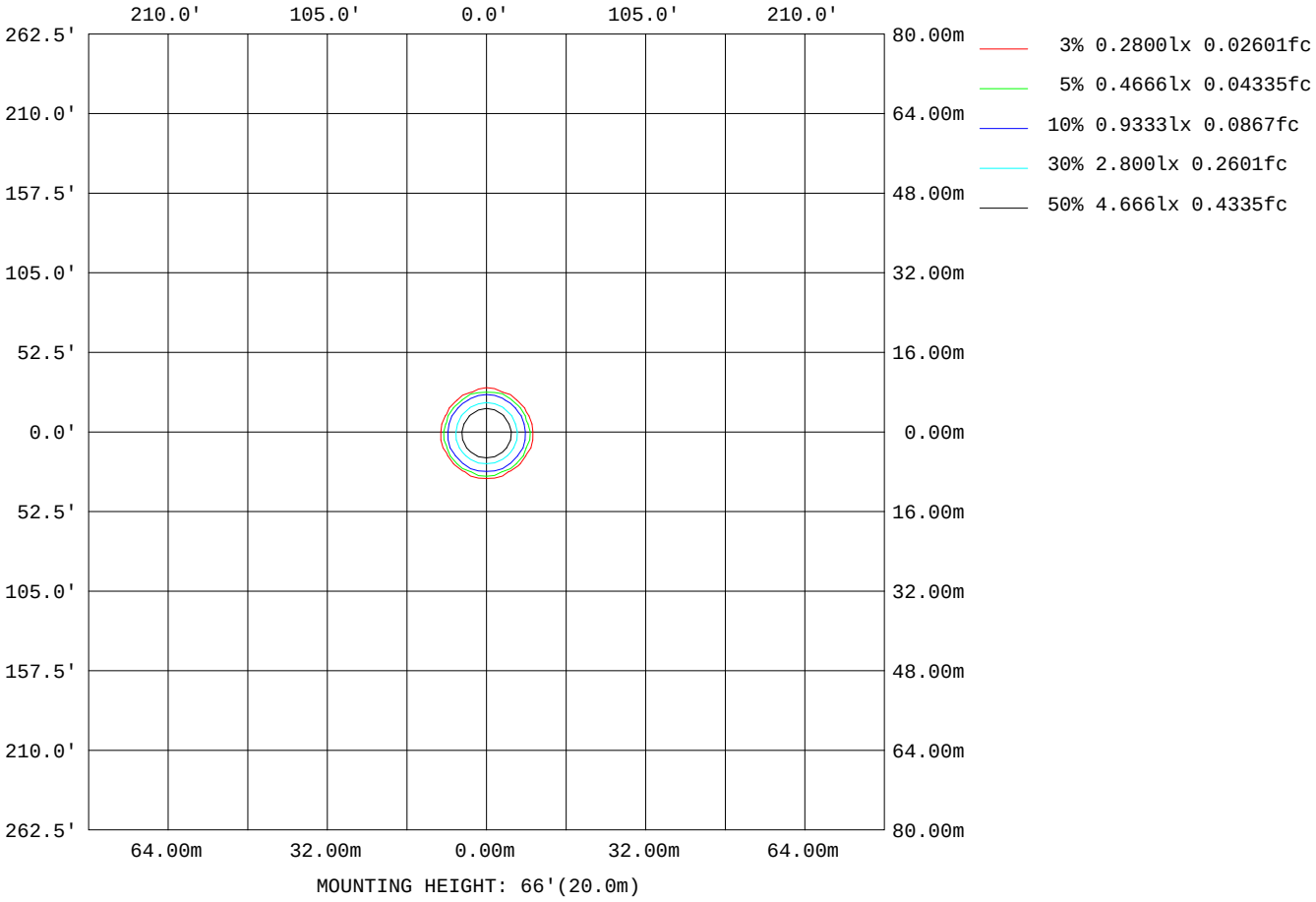
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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

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-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

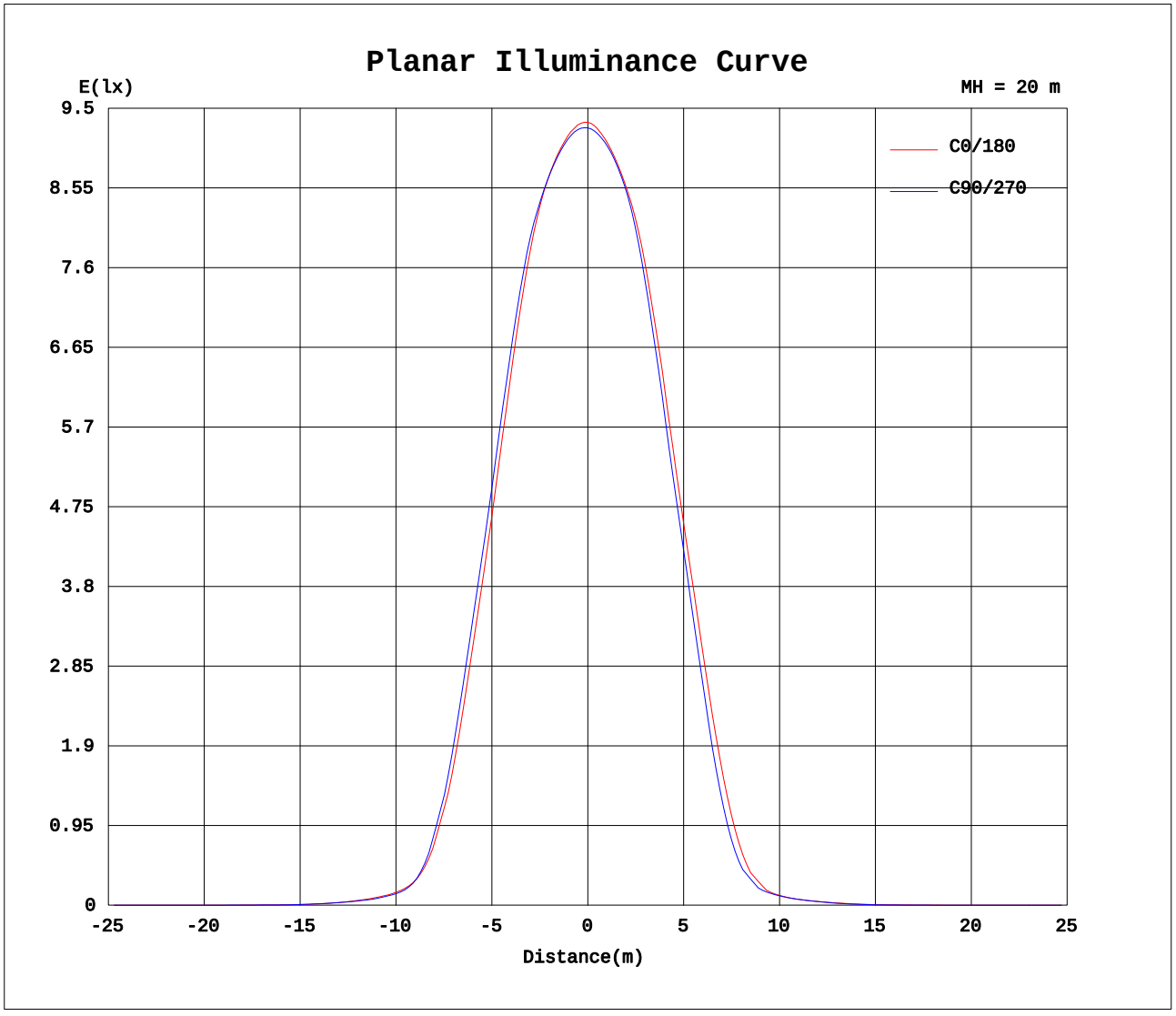
AvgL	cd/m2
L_0~180(65)av	541
L_0~180(75)av	715
L_0~180(85)av	1970
L_90~270(65)av	548
L_90~270(75)av	718
L_90~270(85)av	2015
L_45(65)av	540
L_45(75)av	707
L_45(85)av	1932

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-CRI90-24D	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	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710	3710
5	3561	3577	3573	3588	3582	3592	3580	3584	3567	3564	3537	3535	3507	3492	3496	3487	3501	3502	3518
10	2951	3018	3015	3071	3059	3102	3071	3085	3036	3032	2968	2963	2875	2809	2806	2756	2777	2746	2783
15	1793	1873	1869	1943	1929	1987	1954	1982	1926	1933	1864	1867	1767	1685	1678	1608	1622	1585	1624
20	643	707	703	757	732	774	748	778	735	752	696	703	621	567	546	501	484	462	468
25	123	143	129	144	119	133	118	134	113	127	109	124	96.2	89.7	89.9	81.8	81.1	79.7	85.5
30	43.9	45.7	44.5	44.4	41.5	41.1	39.2	39.7	38.3	38.4	36.4	36.5	34.5	33.2	33.6	32.6	33.3	32.6	34.2
35	13.6	14.5	14.2	14.8	13.9	14.3	13.5	13.9	13.3	13.6	12.8	12.9	11.6	10.5	10.6	9.56	9.47	8.73	9.20
40	3.14	3.31	3.29	3.46	3.39	3.60	3.61	3.72	3.62	3.68	3.56	3.59	3.30	3.12	3.13	2.89	2.75	2.59	2.64
45	0.95	1.04	1.04	1.10	1.11	1.21	1.23	1.32	1.30	1.29	1.22	1.26	1.18	1.13	1.11	1.02	0.97	0.94	0.94
50	0.58	0.60	0.62	0.61	0.62	0.64	0.68	0.68	0.68	0.66	0.65	0.64	0.64	0.67	0.64	0.62	0.57	0.57	0.57
55	0.40	0.40	0.41	0.40	0.42	0.41	0.44	0.44	0.45	0.42	0.43	0.41	0.41	0.44	0.41	0.41	0.37	0.39	0.38
60	0.30	0.28	0.30	0.28	0.30	0.29	0.32	0.30	0.32	0.29	0.30	0.29	0.28	0.31	0.29	0.29	0.27	0.29	0.28
65	0.25	0.23	0.25	0.23	0.25	0.24	0.26	0.24	0.26	0.24	0.24	0.24	0.22	0.24	0.22	0.23	0.22	0.23	0.21
70	0.22	0.20	0.22	0.21	0.22	0.21	0.23	0.22	0.22	0.21	0.22	0.21	0.19	0.21	0.19	0.21	0.18	0.20	0.18
75	0.21	0.19	0.20	0.18	0.20	0.19	0.21	0.20	0.21	0.20	0.21	0.20	0.17	0.19	0.17	0.19	0.17	0.19	0.17
80	0.19	0.18	0.20	0.18	0.19	0.18	0.20	0.18	0.20	0.19	0.19	0.17	0.17	0.18	0.17	0.18	0.17	0.18	0.17
85	0.18	0.18	0.18	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.18	0.18	0.16	0.16	0.16	0.17	0.16	0.16	0.17
90	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.16	0.17	0.16	0.17	0.16	0.17
95	0.18	0.19	0.18	0.19	0.18	0.19	0.18	0.18	0.17	0.18	0.18	0.18	0.19	0.17	0.19	0.17	0.19	0.17	0.19
100	0.18	0.19	0.18	0.19	0.18	0.19	0.18	0.18	0.17	0.18	0.18	0.18	0.21	0.18	0.20	0.18	0.20	0.18	0.20
105	0.18	0.19	0.18	0.19	0.18	0.19	0.18	0.19	0.17	0.18	0.18	0.18	0.21	0.19	0.20	0.18	0.20	0.19	0.21
110	0.18	0.19	0.18	0.19	0.18	0.19	0.18	0.19	0.17	0.19	0.18	0.19	0.21	0.20	0.20	0.19	0.20	0.20	0.21
115	0.19	0.21	0.19	0.20	0.19	0.21	0.20	0.21	0.20	0.21	0.20	0.22	0.23	0.22	0.23	0.22	0.23	0.21	0.23
120	0.33	0.33	0.31	0.31	0.29	0.30	0.29	0.31	0.31	0.32	0.33	0.34	0.41	0.42	0.42	0.42	0.42	0.42	0.42
125	0.93	0.87	0.86	0.80	0.81	0.78	0.81	0.79	0.84	0.83	0.89	0.89	1.05	1.11	1.09	1.15	1.12	1.17	1.12
130	2.25	2.16	2.13	2.05	2.05	2.01	2.05	2.02	2.09	2.09	2.18	2.19	2.44	2.53	2.54	2.62	2.60	2.65	2.61
135	4.34	4.19	4.19	4.06	4.09	4.00	4.07	4.03	4.13	4.11	4.24	4.24	4.55	4.70	4.69	4.80	4.77	4.86	4.79
140	6.93	6.76	6.75	6.62	6.65	6.55	6.62	6.56	6.69	6.68	6.83	6.84	7.17	7.34	7.32	7.45	7.41	7.51	7.43
145	9.70	9.54	9.52	9.39	9.42	9.32	9.39	9.32	9.45	9.44	9.59	9.59	9.93	10.1	10.1	10.2	10.2	10.3	10.2
150	12.2	12.1	12.0	11.9	12.0	11.9	12.0	11.9	12.0	12.0	12.1	12.1	12.5	12.6	12.6	12.7	12.7	12.7	12.7
155	13.7	13.7	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	14.1	14.1	14.1	14.1	14.2	14.3	14.3
160	13.7	13.7	13.7	13.9	14.0	14.1	14.1	14.2	14.2	14.2	14.1	14.1	14.2	14.1	14.2	14.2	14.3	14.3	14.2
165	12.5	12.6	12.6	12.8	13.0	13.2	13.2	13.3	13.2	13.1	13.0	13.0	13.0	13.0	13.0	12.9	13.0	13.0	13.0
170	10.7	10.8	10.8	10.8	10.9	11.0	11.1	11.2	11.1	11.1	11.2	11.2	11.1	11.1	11.1	10.9	10.9	10.8	10.8
175	9.04	9.05	9.06	9.22	9.23	9.13	9.09	9.17	9.27	9.48	9.48	9.37	9.38	9.40	9.48	9.47	9.25	9.07	8.94
180	8.78	8.76	8.76	8.91	8.71	8.57	8.60	8.53	8.61	8.85	8.71	8.62	8.80	8.75	8.78	8.90	8.72	8.57	8.61

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-CRI90-24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	285	300	315	330	345														
0	3710	3710	3710	3710	3710														
5	3515	3532	3526	3539	3534														
10	2769	2817	2805	2859	2857														
15	1605	1649	1633	1693	1686														
20	477	502	518	553	569														
25	88.3	96.1	100	111	113														
30	34.7	37.2	37.7	40.3	40.5														
35	9.15	10.2	10.2	11.3	11.6														
40	2.57	2.69	2.63	2.76	2.80														
45	0.94	0.91	0.88	0.86	0.87														
50	0.58	0.56	0.54	0.52	0.54														
55	0.39	0.38	0.37	0.35	0.37														
60	0.29	0.28	0.27	0.25	0.27														
65	0.23	0.21	0.23	0.21	0.22														
70	0.21	0.18	0.19	0.17	0.19														
75	0.19	0.17	0.18	0.17	0.18														
80	0.18	0.16	0.17	0.15	0.16														
85	0.17	0.16	0.16	0.15	0.15														
90	0.16	0.16	0.16	0.16	0.15														
95	0.17	0.18	0.17	0.18	0.17														
100	0.18	0.19	0.18	0.19	0.18														
105	0.19	0.20	0.19	0.20	0.19														
110	0.20	0.20	0.19	0.20	0.20														
115	0.22	0.22	0.21	0.22	0.21														
120	0.42	0.41	0.41	0.40	0.39														
125	1.16	1.10	1.13	1.07	1.08														
130	2.63	2.57	2.58	2.50	2.48														
135	4.85	4.73	4.76	4.63	4.61														
140	7.50	7.36	7.39	7.24	7.22														
145	10.3	10.1	10.1	10.00	9.99														
150	12.7	12.6	12.6	12.5	12.5														
155	14.2	14.1	14.0	13.9	13.9														
160	14.2	14.1	14.0	13.8	13.8														
165	12.8	12.8	12.6	12.6	12.5														
170	10.6	10.6	10.5	10.5	10.6														
175	8.93	9.07	9.07	8.86	8.86														
180	8.51	8.62	8.85	8.71	8.62														

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: