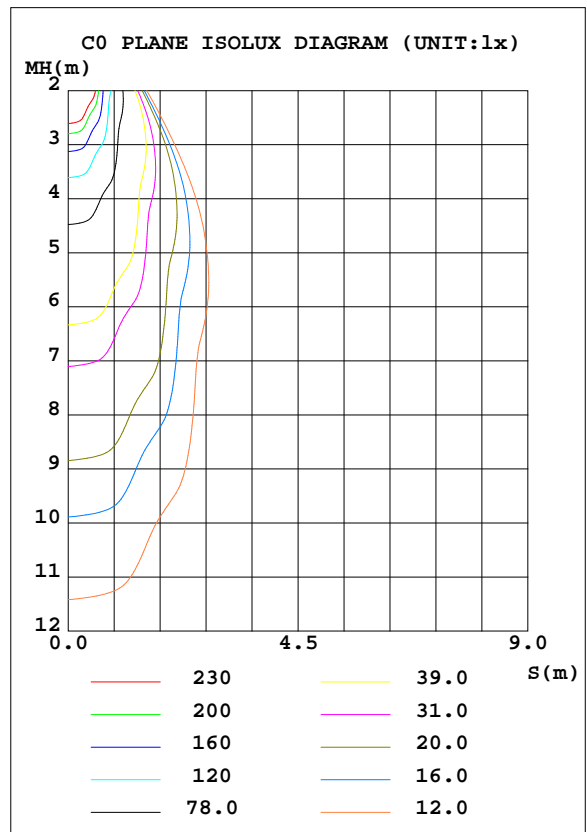
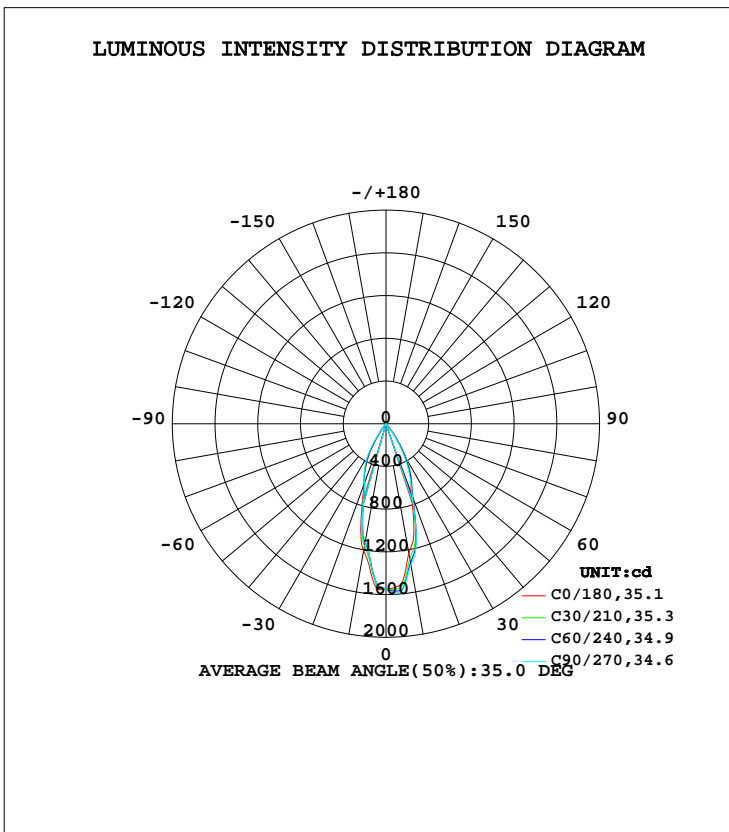


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: VM060-VF62RA04-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.38 lm/W			
MODEL	BXRE-30G1000-C-7X	I _{max} (cd)	1587	S/MH(C0/180)	0.55
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.53
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	745.70	η UP, DN(C0-180)	1.2,51.5
NOMINAL FLUX(lm)	745.701	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2,46.1
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	0.60



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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

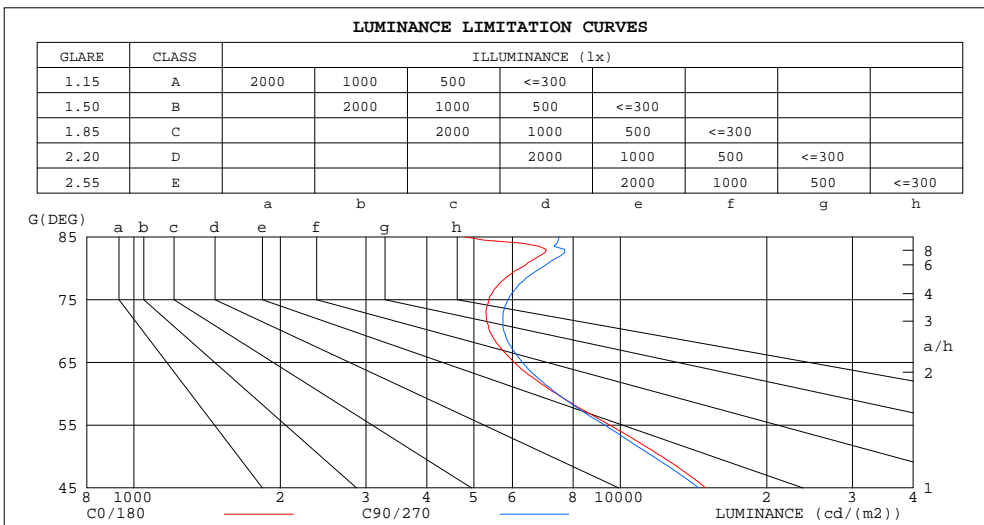
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1234	1318	1345	1311	1209	1136	1119	1149	0- 10	132.3	132.3	17.7,17.7
20	691.4	746.0	724.2	676.5	612.0	588.2	587.0	630.4	10- 20	261.3	393.6	52.8,52.8
30	389.1	378.6	326.1	297.0	280.7	303.5	336.0	369.7	20- 30	226.8	620.4	83.2,83.2
40	40.59	36.88	26.31	20.52	15.17	16.00	21.79	27.92	30- 40	93.39	713.8	95.7,95.7
50	5.555	5.431	5.383	5.583	5.946	6.242	6.050	5.824	40- 50	7.098	720.9	96.7,96.7
60	2.622	2.665	2.658	2.656	2.683	2.657	2.598	2.602	50- 60	3.585	724.5	97.2,97.2
70	1.306	1.355	1.412	1.396	1.322	1.233	1.165	1.228	60- 70	1.841	726.3	97.4,97.4
80	0.7669	0.7997	0.8541	0.8479	0.7880	0.7518	0.6829	0.6998	70- 80	1.061	727.4	97.5,97.5
90	0.1600	0.1499	0.1571	0.1542	0.1446	0.1411	0.1481	0.1422	80- 90	0.4783	727.8	97.6,97.6
100	0.1652	0.1785	0.1637	0.1755	0.1732	0.1498	0.1726	0.1487	90-100	0.1700	728.0	97.6,97.6
110	0.3105	0.3375	0.3534	0.4000	0.4320	0.3941	0.3654	0.3195	100-110	0.2417	728.2	97.7,97.7
120	1.019	1.063	1.151	1.231	1.326	1.299	1.169	1.085	110-120	0.6964	728.9	97.8,97.8
130	2.606	2.585	2.735	2.875	3.133	3.176	2.998	2.833	120-130	1.717	730.7	98,98
140	5.159	5.067	5.253	5.458	5.843	5.926	5.754	5.533	130-140	3.170	733.8	98.4,98.4
150	7.734	7.678	7.880	8.056	8.354	8.360	8.283	8.048	140-150	4.261	738.1	99,99
160	9.034	9.200	9.410	9.484	9.407	9.340	9.386	9.201	150-160	4.069	742.2	99.5,99.5
170	9.226	9.309	9.550	9.517	9.444	9.307	9.165	9.100	160-170	2.655	744.8	99.9,99.9
180	9.425	9.508	9.357	9.481	9.444	9.494	9.364	9.475	170-180	0.8893	745.7	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-VF62RA04-15W	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	4802	7487
80	6221	6862
75	5368	5880
70	5380	5759
65	6043	6290
60	7386	7417
55	9513	9292
50	12173	11683
45	14963	14465

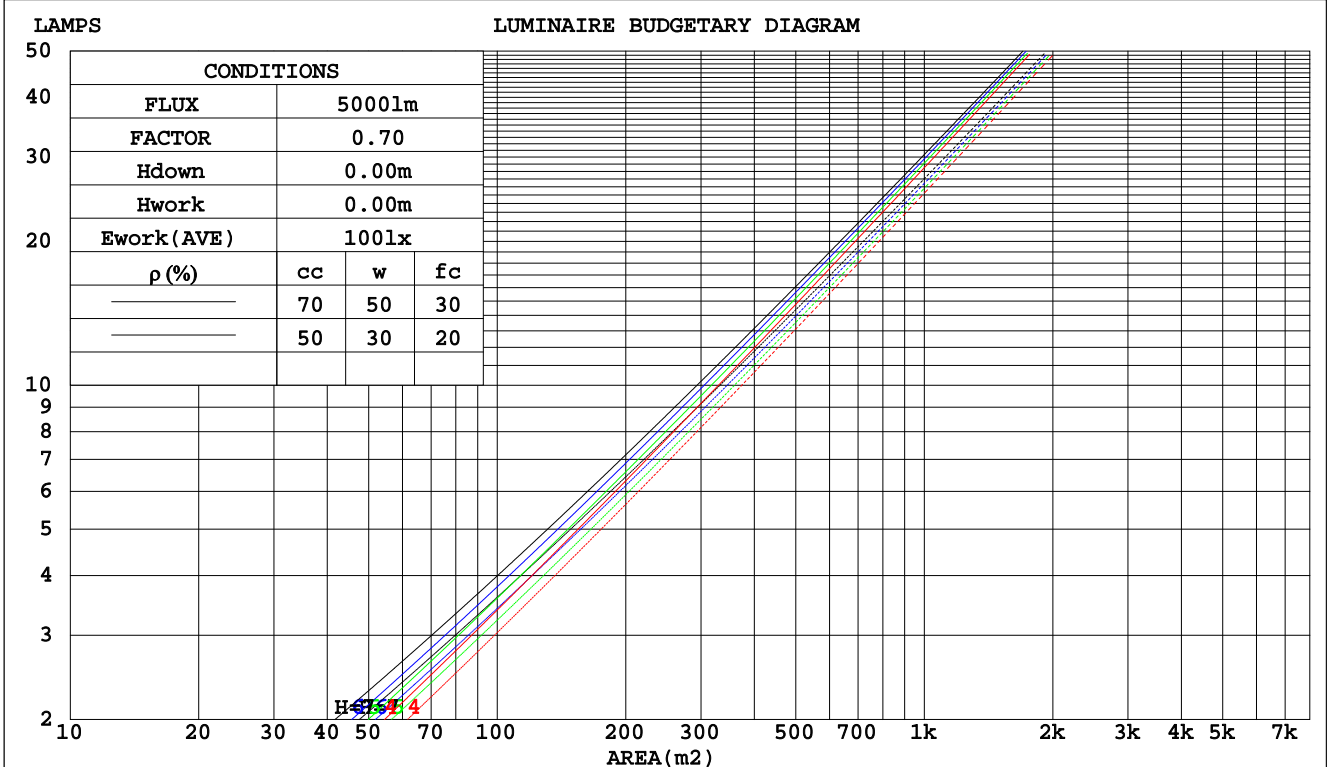
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2021-08-09

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-VF62RA04-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw	20%			20%			20%			20%			20%			0
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	.95	.94	.93
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.96	.93	.92	.92	.91	.89	.88
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.91	.88	.86	.89	.86	.85	.83
4.0	.93	.88	.84	.92	.87	.84	.89	.85	.82	.87	.84	.81	.85	.82	.80	.79
5.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.83	.80	.77	.81	.78	.76	.75
6.0	.84	.78	.75	.83	.78	.74	.81	.77	.74	.80	.76	.73	.78	.75	.72	.71
7.0	.80	.74	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.75	.71	.69	.68
8.0	.76	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.72	.68	.66	.64
9.0	.72	.67	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.69	.65	.63	.61
10.0	.69	.64	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.66	.63	.60	.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 GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: VM060-VF62RA04-15W	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 Coefficients(WEC)									
0.0																
1.0	.163	.093	.029	.155	.089	.028	.142	.081	.026	.129	.074	.024	.117	.068	.022	
2.0	.154	.084	.026	.147	.081	.025	.136	.075	.023	.125	.070	.022	.115	.065	.020	
3.0	.145	.077	.023	.140	.075	.023	.130	.070	.021	.120	.066	.020	.112	.062	.019	
4.0	.137	.071	.021	.133	.069	.021	.124	.066	.020	.116	.062	.019	.109	.059	.018	
5.0	.130	.066	.019	.126	.065	.019	.119	.062	.018	.112	.059	.018	.105	.056	.017	
6.0	.124	.062	.018	.121	.061	.018	.114	.058	.017	.108	.056	.016	.102	.054	.016	
7.0	.119	.059	.017	.116	.058	.016	.110	.055	.016	.104	.053	.016	.099	.051	.015	
8.0	.114	.055	.016	.111	.055	.015	.105	.053	.015	.100	.051	.015	.096	.049	.014	
9.0	.109	.053	.015	.106	.052	.015	.102	.050	.014	.097	.049	.014	.093	.047	.014	
10.0	.105	.050	.014	.102	.049	.014	.098	.048	.014	.094	.047	.013	.090	.045	.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	.189	.176	.164	.161	.151	.141	.110	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.172	.151	.133	.148	.130	.115	.101	.090	.080	.058	.052	.047	.019	.017	.015	
3.0	.159	.132	.111	.136	.114	.096	.094	.079	.067	.054	.046	.040	.017	.015	.013	
4.0	.148	.117	.094	.127	.101	.081	.087	.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	.112	.083	.062	.078	.058	.044	.045	.034	.026	.015	.011	.009	
7.0	.124	.088	.063	.107	.076	.055	.074	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.118	.082	.057	.102	.071	.050	.070	.050	.035	.041	.029	.021	.013	.010	.007	
9.0	.113	.076	.052	.097	.066	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
10.0	.108	.072	.048	.093	.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 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-VF62RA04-15W					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	23.4	24.2	23.7	24.4	24.6	22.1	22.9	22.4	23.1	23.3				
3H	23.3	24.0	23.6	24.3	24.5	22.0	22.7	22.3	23.0	23.2				
4H	23.2	23.9	23.5	24.2	24.4	21.9	22.6	22.2	22.9	23.1				
6H	23.1	23.8	23.4	24.1	24.3	21.8	22.5	22.2	22.8	23.1				
8H	23.1	23.7	23.4	24.0	24.3	21.8	22.5	22.2	22.7	23.0				
12H	23.0	23.6	23.4	24.0	24.3	21.8	22.4	22.1	22.7	23.0				
4H 2H	23.2	23.9	23.5	24.1	24.4	21.9	22.6	22.2	22.8	23.1				
3H	23.0	23.6	23.4	23.9	24.3	21.7	22.3	22.1	22.7	23.0				
4H	22.9	23.5	23.3	23.8	24.2	21.7	22.2	22.0	22.6	22.9				
6H	22.9	23.3	23.3	23.7	24.1	21.6	22.1	22.0	22.5	22.9				
8H	22.8	23.3	23.2	23.7	24.1	21.6	22.0	22.0	22.4	22.8				
12H	22.8	23.2	23.2	23.6	24.0	21.5	22.0	22.0	22.4	22.8				
8H 4H	22.8	23.2	23.2	23.6	24.0	21.5	22.0	22.0	22.4	22.8				
6H	22.7	23.1	23.2	23.5	24.0	21.5	21.8	21.9	22.3	22.7				
8H	22.7	23.0	23.2	23.5	24.0	21.4	21.8	21.9	22.2	22.7				
12H	22.6	22.9	23.1	23.4	23.9	21.4	21.7	21.9	22.2	22.7				
12H 4H	22.7	23.1	23.2	23.6	24.0	21.5	21.9	21.9	22.3	22.7				
6H	22.7	23.0	23.1	23.4	23.9	21.4	21.7	21.9	22.2	22.7				
8H	22.6	22.9	23.1	23.4	23.9	21.4	21.7	21.9	22.2	22.7				
Variations with the observer position at spacings:														
S = 1.0H	+ 4.5 / - 7.5					+ 3.8 / - 5.5								
1.5H	+ 7.2 / - 6.8					+ 6.3 / - 4.9								
2.0H	+ 1.1 / - 0.8					+ 1.0 / - 0.7								

CIE Pub.117, 745.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)

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-VF62RA04-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

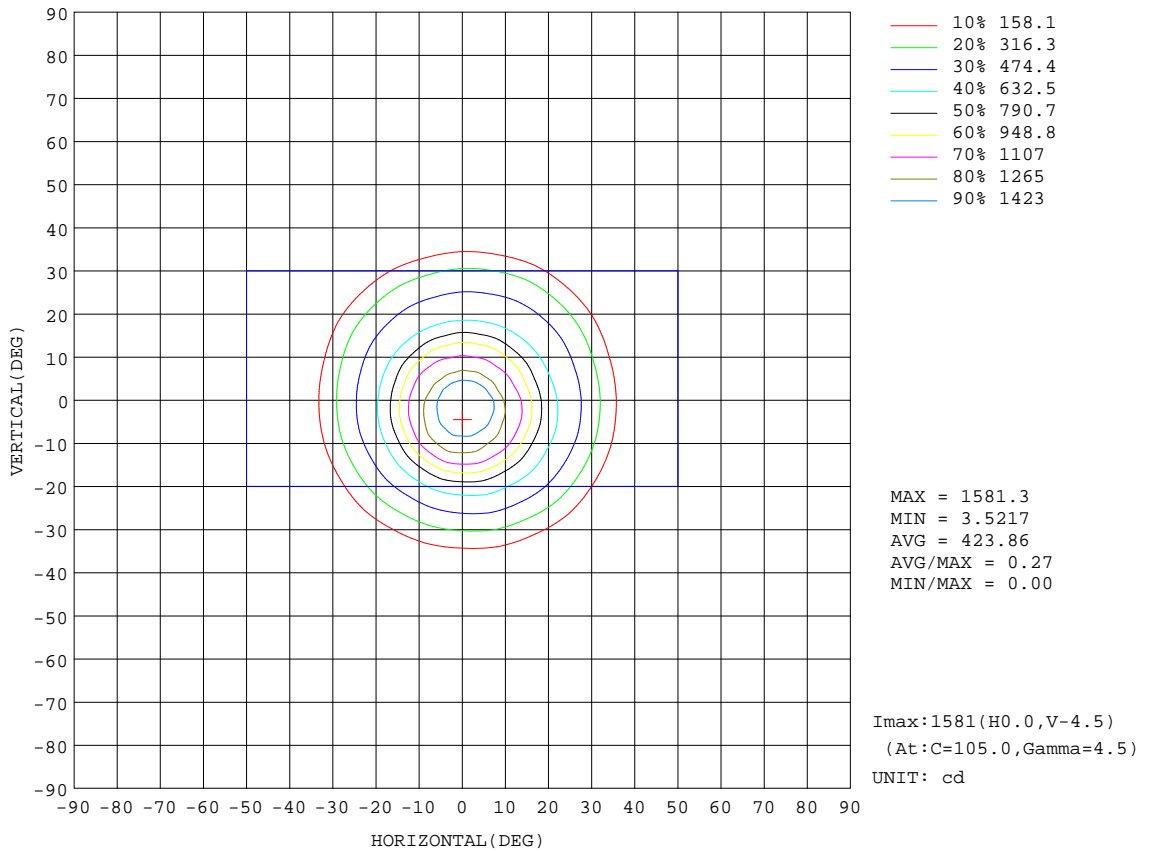
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	89	83	80	88	83	79	87	82	79	76
0.80	96	91	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	97	94	90	86
1.25	104	99	95	102	98	95	100	97	94	90
1.50	106	102	99	105	101	98	102	99	97	92
2.00	109	105	102	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:2021-08-09

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-VF62RA04-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

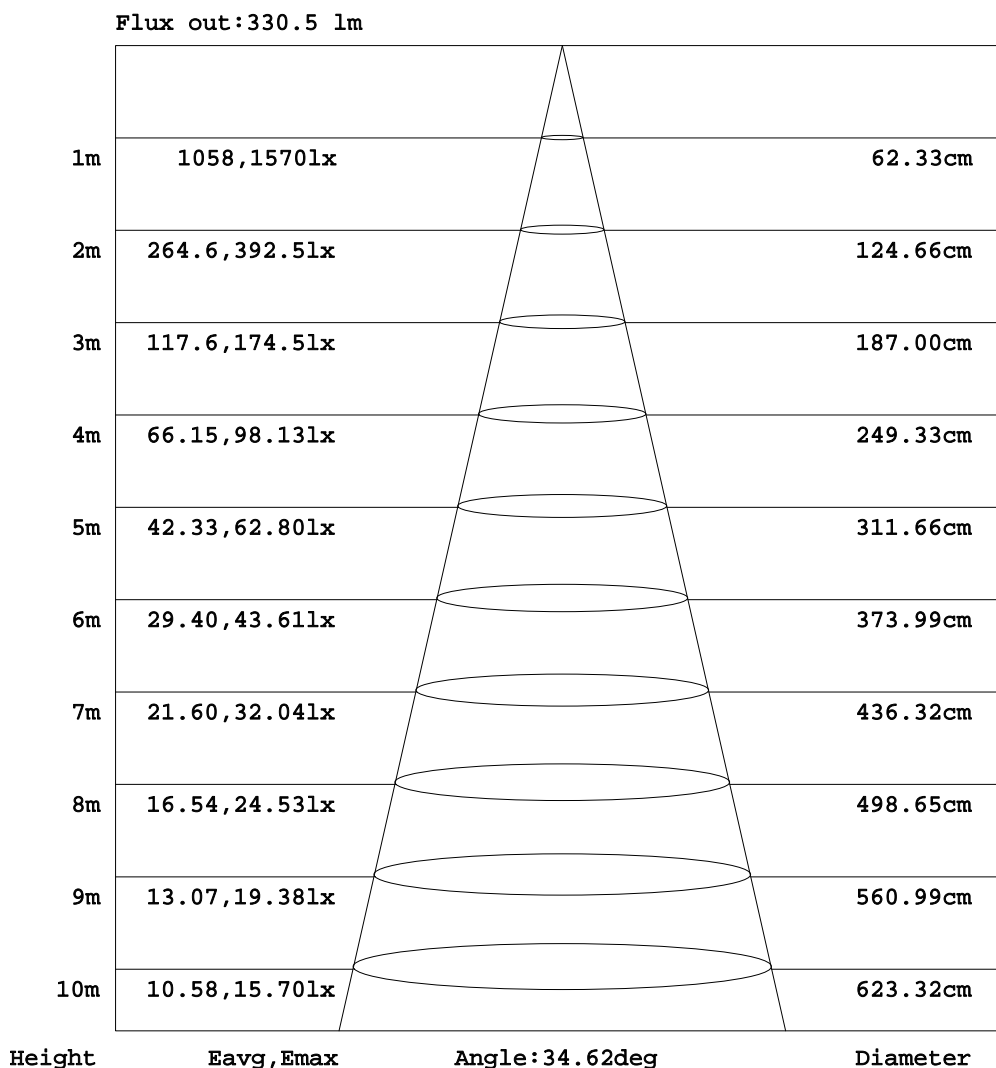


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2021-08-09

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-VF62RA04-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



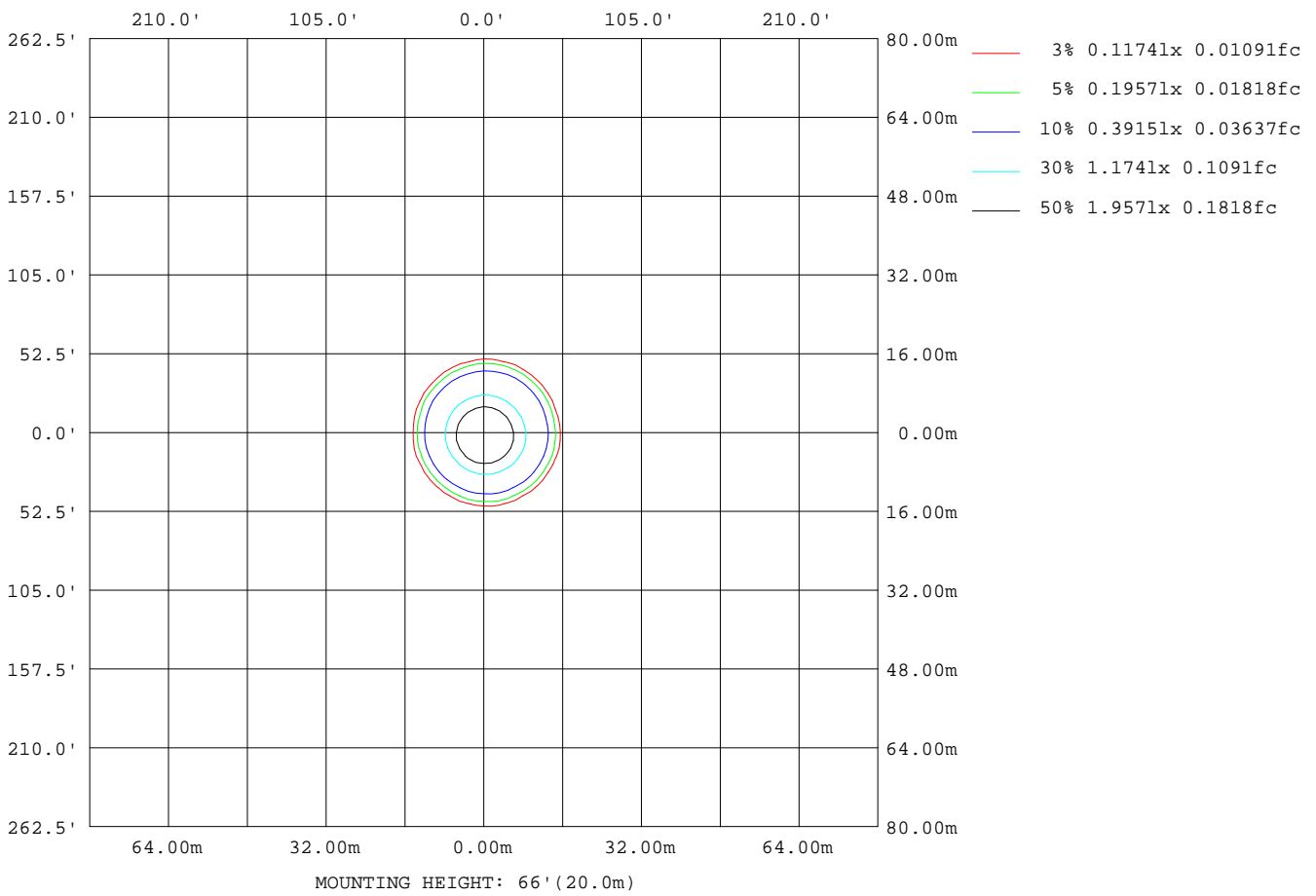
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

ISOLUX DIAGRAM

NAME: VM060-VF62RA04-15W	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-VF62RA04-15W	TYPE:indoor lights	WEIGHT:1
SPEC.:3000K-CRI90-55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

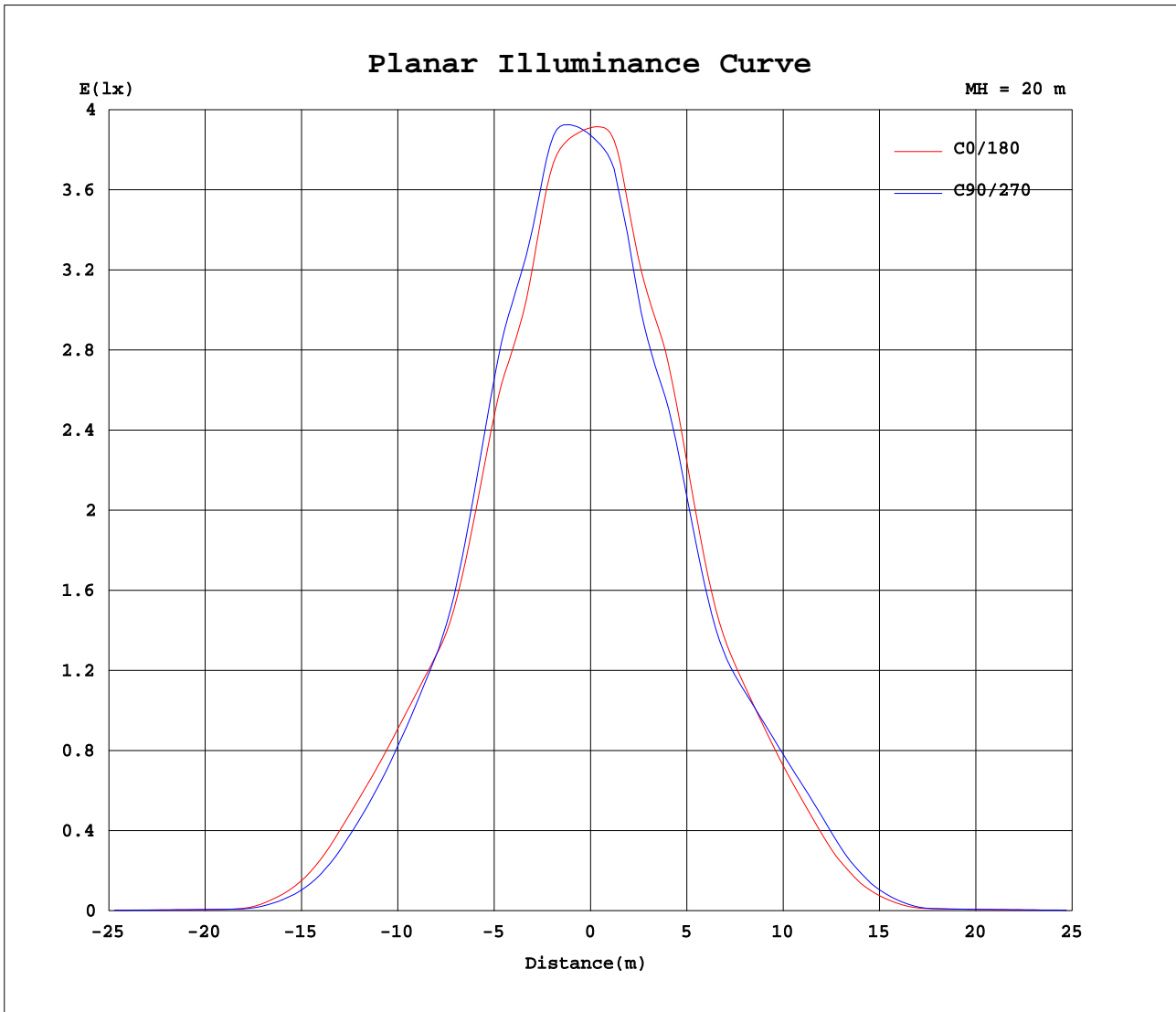
AvgL	cd/m2
L_0~180(65)av	6023
L_0~180(75)av	5396
L_0~180(85)av	5182
L_90~270(65)av	5950
L_90~270(75)av	5264
L_90~270(85)av	6807
L_45(65)av	5983
L_45(75)av	5343
L_45(85)av	6947

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-VF62RA04-15W	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	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551
5	1515	1532	1543	1559	1567	1579	1580	1584	1569	1560	1524	1496	1457	1427	1418	1397	1397	1391	1402
10	1234	1272	1287	1318	1324	1348	1345	1354	1327	1311	1270	1247	1209	1178	1163	1136	1128	1114	1119
15	1012	1055	1069	1098	1093	1112	1094	1099	1058	1038	979	953	901	869	863	835	837	823	841
20	691	720	727	746	738	744	724	720	689	677	649	636	612	602	598	588	586	579	587
25	550	563	561	562	549	545	521	510	489	486	471	470	455	454	462	462	468	467	478
30	389	394	384	379	357	350	326	316	298	297	285	289	281	284	300	303	315	318	336
35	186	189	178	174	155	153	134	129	114	112	104	106	100	101	111	112	123	123	140
40	40.6	41.6	37.4	36.9	30.9	31.8	26.3	25.4	20.7	20.5	17.4	17.9	15.2	14.5	16.1	16.0	18.4	18.6	21.8
45	7.51	7.43	7.27	7.30	7.25	7.35	7.33	7.51	7.58	7.90	8.05	8.38	8.45	8.54	8.78	8.78	8.83	8.53	8.34
50	5.55	5.50	5.41	5.43	5.38	5.44	5.38	5.43	5.43	5.58	5.66	5.89	5.95	5.99	6.22	6.24	6.34	6.12	6.05
55	3.87	3.87	3.82	3.85	3.83	3.87	3.82	3.84	3.79	3.86	3.88	4.00	4.01	4.05	4.13	4.12	4.16	4.05	4.02
60	2.62	2.66	2.61	2.66	2.65	2.71	2.66	2.68	2.62	2.66	2.63	2.70	2.68	2.66	2.72	2.66	2.67	2.57	2.60
65	1.81	1.84	1.83	1.86	1.86	1.91	1.91	1.91	1.87	1.88	1.85	1.87	1.83	1.81	1.81	1.76	1.73	1.69	1.69
70	1.31	1.33	1.33	1.35	1.38	1.40	1.41	1.41	1.39	1.40	1.38	1.37	1.32	1.30	1.27	1.23	1.20	1.17	1.16
75	0.99	0.99	1.02	1.03	1.06	1.07	1.09	1.08	1.09	1.08	1.08	1.06	1.01	1.00	0.96	0.94	0.90	0.89	0.86
80	0.77	0.76	0.80	0.80	0.83	0.83	0.85	0.85	0.86	0.85	0.86	0.83	0.79	0.78	0.75	0.75	0.71	0.71	0.68
85	0.30	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.46	0.46	0.46	0.46	0.35	0.40	0.40	0.39	0.38	0.38	0.38
90	0.16	0.16	0.16	0.15	0.15	0.15	0.16	0.16	0.16	0.15	0.16	0.16	0.14	0.14	0.15	0.14	0.14	0.15	0.15
95	0.16	0.17	0.15	0.17	0.15	0.16	0.16	0.17	0.16	0.16	0.16	0.17	0.16	0.14	0.16	0.14	0.15	0.14	0.16
100	0.17	0.18	0.17	0.18	0.16	0.17	0.16	0.18	0.16	0.18	0.16	0.18	0.17	0.16	0.17	0.15	0.16	0.15	0.17
105	0.19	0.21	0.20	0.21	0.20	0.21	0.20	0.22	0.20	0.22	0.21	0.23	0.24	0.22	0.24	0.21	0.23	0.20	0.22
110	0.31	0.33	0.32	0.34	0.34	0.36	0.35	0.38	0.38	0.40	0.39	0.41	0.43	0.42	0.41	0.39	0.39	0.37	0.37
115	0.58	0.59	0.61	0.62	0.63	0.65	0.67	0.69	0.72	0.73	0.75	0.76	0.79	0.78	0.76	0.75	0.72	0.70	0.67
120	1.02	1.03	1.05	1.06	1.09	1.11	1.15	1.17	1.21	1.23	1.28	1.29	1.33	1.34	1.31	1.30	1.25	1.23	1.17
125	1.67	1.66	1.70	1.70	1.75	1.75	1.82	1.83	1.90	1.93	2.01	2.03	2.10	2.14	2.09	2.10	2.03	2.03	1.94
130	2.61	2.56	2.61	2.58	2.65	2.65	2.74	2.74	2.85	2.88	3.00	3.03	3.13	3.20	3.15	3.18	3.09	3.10	3.00
135	3.79	3.72	3.77	3.72	3.80	3.80	3.90	3.91	4.03	4.08	4.23	4.28	4.43	4.50	4.46	4.50	4.43	4.43	4.32
140	5.16	5.07	5.11	5.07	5.15	5.15	5.25	5.27	5.40	5.46	5.62	5.69	5.84	5.92	5.88	5.93	5.85	5.87	5.75
145	6.53	6.45	6.47	6.44	6.51	6.53	6.63	6.66	6.78	6.84	6.99	7.07	7.20	7.27	7.24	7.28	7.22	7.24	7.13
150	7.73	7.67	7.70	7.68	7.74	7.78	7.88	7.92	7.99	8.06	8.20	8.25	8.35	8.39	8.36	8.36	8.33	8.35	8.28
155	8.63	8.59	8.62	8.65	8.71	8.78	8.88	8.92	8.94	8.98	9.05	9.10	9.14	9.13	9.09	9.07	9.09	9.10	9.10
160	9.03	9.04	9.03	9.20	9.27	9.37	9.41	9.47	9.45	9.48	9.42	9.45	9.41	9.37	9.35	9.34	9.34	9.38	9.39
165	9.15	9.19	9.18	9.32	9.47	9.61	9.64	9.70	9.62	9.58	9.54	9.56	9.48	9.46	9.40	9.35	9.32	9.38	9.36
170	9.23	9.23	9.23	9.31	9.40	9.48	9.55	9.56	9.52	9.52	9.54	9.53	9.44	9.45	9.40	9.31	9.20	9.20	9.16
175	9.24	9.26	9.26	9.38	9.39	9.37	9.36	9.38	9.40	9.48	9.48	9.40	9.40	9.39	9.42	9.40	9.28	9.18	9.14
180	9.42	9.42	9.41	9.51	9.42	9.35	9.36	9.35	9.35	9.48	9.41	9.37	9.44	9.40	9.42	9.49	9.43	9.34	9.36

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-VF62RA04-15W	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	1551	1551	1551	1551	1551														
5	1410	1429	1451	1472	1494														
10	1121	1138	1149	1176	1197														
15	847	883	899	941	964														
20	594	613	630	647	662														
25	486	502	513	528	537														
30	346	365	370	379	379														
35	144	162	162	173	172														
40	22.0	26.6	27.9	33.2	33.3														
45	8.15	8.09	7.89	7.76	7.54														
50	5.94	5.97	5.82	5.73	5.54														
55	3.99	4.03	3.97	3.93	3.83														
60	2.57	2.64	2.60	2.62	2.56														
65	1.70	1.74	1.75	1.77	1.76														
70	1.18	1.20	1.23	1.24	1.25														
75	0.88	0.88	0.91	0.91	0.94														
80	0.69	0.67	0.70	0.70	0.72														
85	0.40	0.41	0.43	0.42	0.43														
90	0.14	0.14	0.14	0.14	0.14														
95	0.15	0.15	0.15	0.16	0.14														
100	0.15	0.17	0.15	0.17	0.15														
105	0.20	0.21	0.19	0.20	0.19														
110	0.34	0.34	0.32	0.33	0.31														
115	0.65	0.62	0.61	0.60	0.59														
120	1.15	1.10	1.08	1.05	1.05														
125	1.92	1.83	1.81	1.74	1.74														
130	2.98	2.86	2.83	2.72	2.70														
135	4.30	4.15	4.12	3.97	3.94														
140	5.74	5.57	5.53	5.36	5.33														
145	7.11	6.96	6.90	6.74	6.69														
150	8.25	8.12	8.05	7.92	7.86														
155	9.04	8.94	8.85	8.76	8.72														
160	9.36	9.28	9.20	9.11	9.09														
165	9.35	9.26	9.20	9.16	9.22														
170	9.17	9.12	9.10	9.11	9.20														
175	9.14	9.21	9.22	9.14	9.17														
180	9.33	9.36	9.47	9.41	9.36														

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: