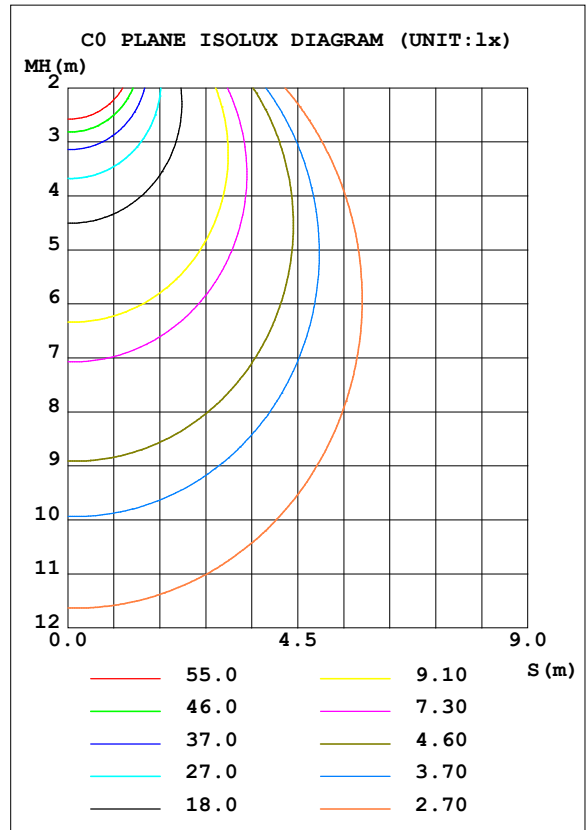
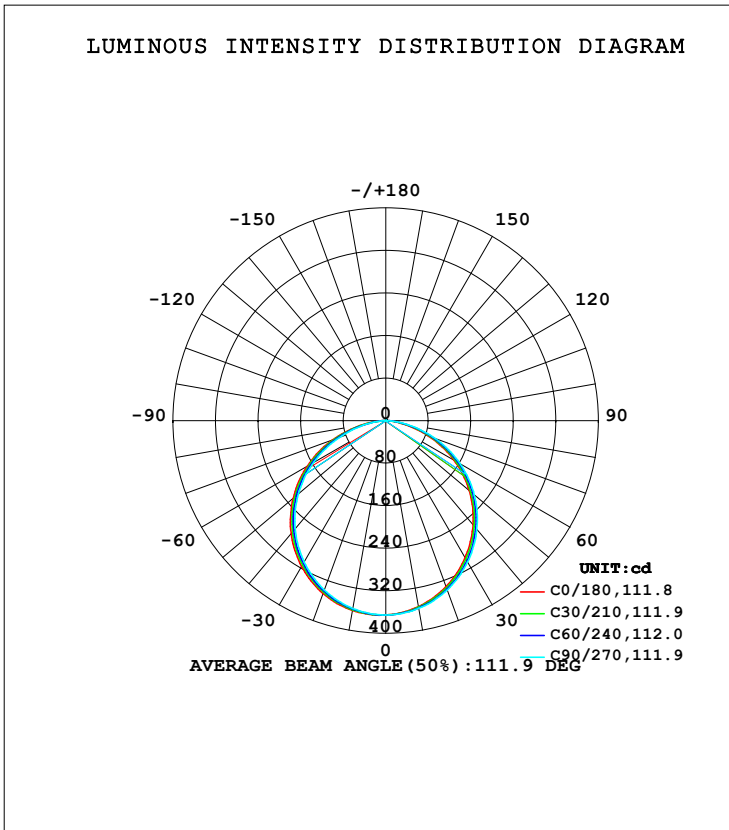


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.00 lm/W			
MODEL		I _{max} (cd)	366.1	S/MH (C0/180)	1.29
NOMINAL POWER (W)	14.4746	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	119.988	TOTAL FLUX (lm)	1027.7	η UP, DN (C0-180)	0.0, 50.2
NOMINAL FLUX (lm)	1027.72	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	119.988	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 26.2DEG
 Operators:
 Test Date: 2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 60.6%
 Test Distance: 1.900m [K=1.0765]
 Remarks: C2107-02 4000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

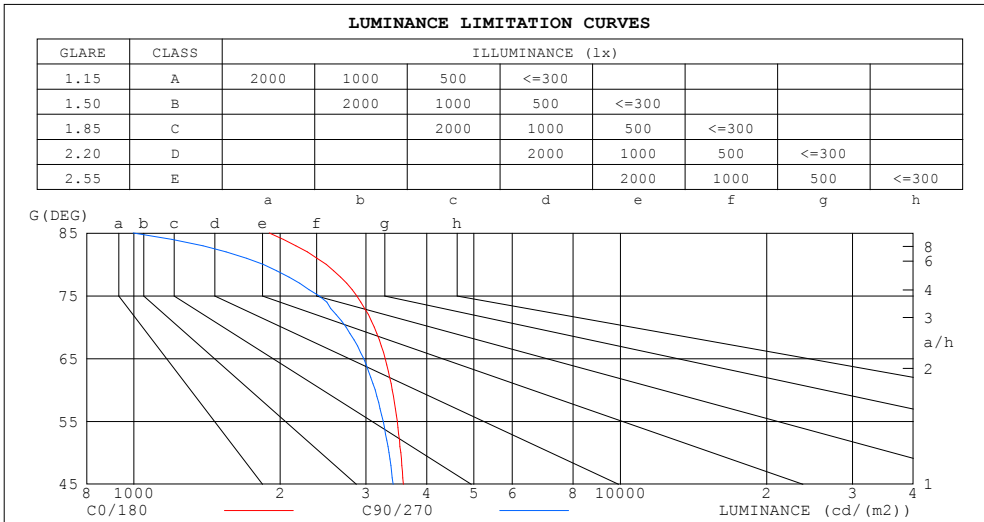
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	362.3	360.5	358.6	357.3	355.0	356.6	358.5	359.5	0- 10	34.55	34.55	3.36,3.36
20	345.8	342.3	338.8	336.9	332.2	334.9	338.8	340.5	10- 20	98.79	133.3	13,13
30	316.8	312.0	307.1	304.9	298.1	302.6	307.7	309.8	20- 30	149.4	282.8	27.5,27.5
40	276.8	271.2	265.3	263.1	255.6	261.4	266.5	269.1	30- 40	180.0	462.8	45,45
50	227.7	221.2	214.9	212.2	205.2	211.4	217.4	220.1	40- 50	186.7	649.5	63.2,63.2
60	170.1	163.4	156.6	154.0	147.6	154.5	160.9	163.9	50- 60	168.2	817.7	79.6,79.6
70	106.8	100.0	93.32	90.76	86.35	93.01	99.39	102.1	60- 70	126.5	944.2	91.9,91.9
80	43.21	37.34	32.01	29.87	27.91	33.23	38.52	40.67	70- 80	68.79	1013	98.6,98.6
90	0.6363	0.0467	0.0025	0.0021	0.0002	0	0.2432	0.4736	80- 90	14.71	1028	100,100
100	0.0007	0.0007	0.0010	0.0010	0.0024	0.0027	0.0015	0.0019	90-100	0.0094	1028	100,100
110	0.0022	0.0027	0.0027	0.0024	0.0054	0.0051	0.0046	0.0046	100-110	0.0026	1028	100,100
120	0.0041	0.0046	0.0051	0.0049	0.0078	0.0078	0.0073	0.0073	110-120	0.0049	1028	100,100
130	0.0063	0.0058	0.0078	0.0063	0.0105	0.0100	0.0098	0.0090	120-130	0.0065	1028	100,100
140	0.0080	0.0080	0.0090	0.0087	0.0117	0.0119	0.0117	0.0114	130-140	0.0072	1028	100,100
150	0.0085	0.0088	0.0100	0.0093	0.0122	0.0122	0.0124	0.0114	140-150	0.0065	1028	100,100
160	0.0095	0.0098	0.0105	0.0102	0.0117	0.0119	0.0124	0.0110	150-160	0.0050	1028	100,100
170	0.0090	0.0095	0.0100	0.0097	0.0093	0.0090	0.0092	0.0085	160-170	0.0029	1028	100,100
180	0.0037	0.0020	0.0029	0.0024	0.0046	0.0027	0.0027	0.0027	170-180	0.0007	1028	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

LUMINANCE LIMITATION CURVES

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1898	997
80	2486	1844
75	2871	2400
70	3120	2730
65	3284	2968
60	3399	3134
55	3482	3255
50	3539	3346
45	3581	3413

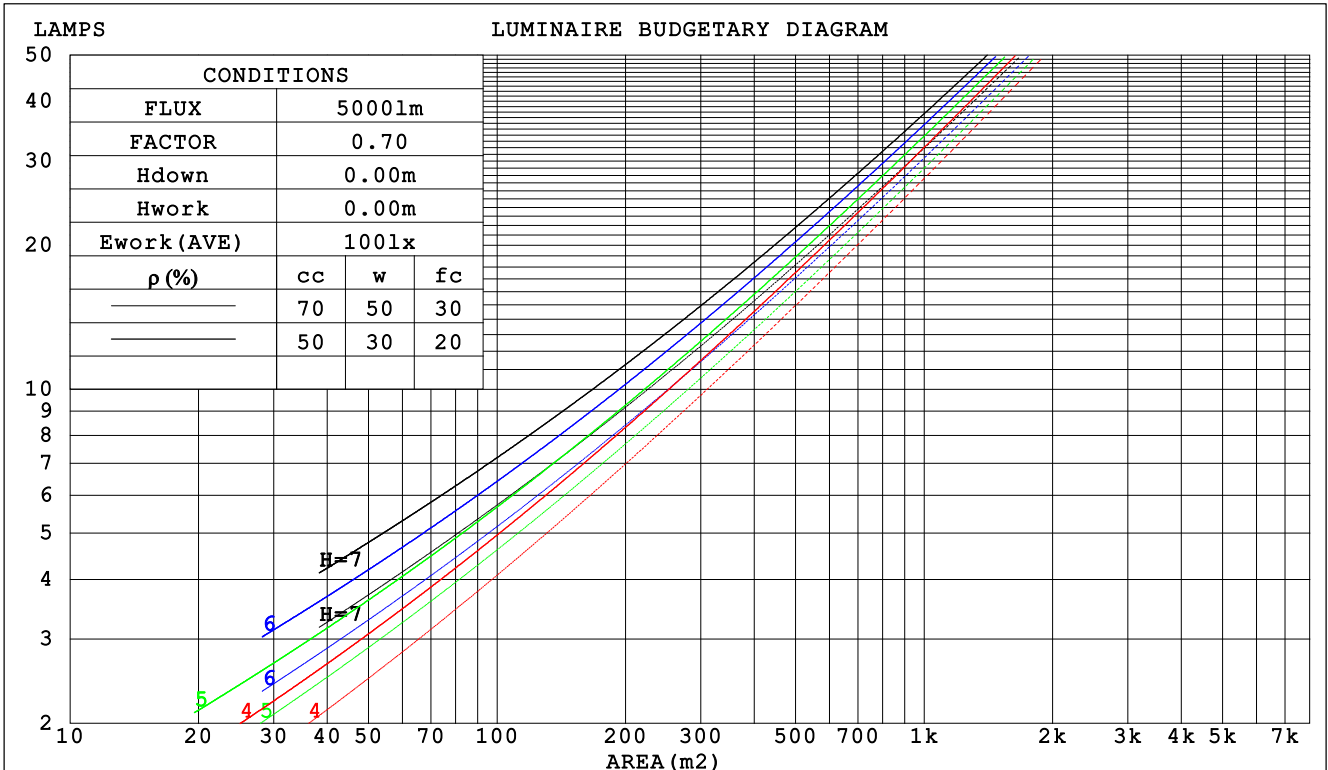
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 26.2DEG
 Operators:
 Test Date: 2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 60.6%
 Test Distance: 1.900m [K=1.0765]
 Remarks: C2107-02 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

WEC AND CCEC

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	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	.304	.173	.055	.297	.169	.054	.283	.163	.052	.271	.156	.050	.260	.151	.049	
2.0	.288	.158	.048	.282	.155	.048	.270	.150	.047	.259	.146	.046	.249	.141	.044	
3.0	.268	.142	.043	.262	.140	.042	.252	.136	.041	.242	.133	.041	.233	.129	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.177	.092	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.148	.074	.021	

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.098	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

UGR(Unified Glare Rating) Table

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm										
NAME: C2107-02 4000K					TYPE:			WEIGHT:		
SPEC.:					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	17.4	18.9	17.6	19.1	19.3	17.1	18.6	17.3	18.8	19.0
3H	18.9	20.3	19.2	20.5	20.8	18.5	19.9	18.8	20.1	20.3
4H	19.5	20.9	19.8	21.1	21.4	19.0	20.3	19.3	20.6	20.8
6H	19.9	21.2	20.3	21.5	21.7	19.3	20.5	19.6	20.8	21.1
8H	20.0	21.3	20.4	21.5	21.8	19.3	20.5	19.7	20.8	21.1
12H	20.1	21.3	20.4	21.6	21.9	19.3	20.5	19.7	20.8	21.1
4H 2H	17.9	19.3	18.2	19.5	19.8	17.7	19.0	18.0	19.3	19.5
3H	19.7	20.8	20.0	21.1	21.4	19.3	20.5	19.6	20.7	21.1
4H	20.4	21.4	20.8	21.8	22.1	19.9	21.0	20.3	21.3	21.6
6H	20.9	21.9	21.3	22.2	22.6	20.3	21.2	20.7	21.6	22.0
8H	21.1	22.0	21.5	22.3	22.7	20.4	21.3	20.8	21.6	22.0
12H	21.2	22.0	21.6	22.4	22.8	20.4	21.2	20.8	21.6	22.0
8H 4H	20.6	21.5	21.0	21.8	22.2	20.2	21.1	20.6	21.4	21.8
6H	21.3	22.0	21.7	22.4	22.8	20.7	21.4	21.1	21.8	22.2
8H	21.5	22.1	21.9	22.5	23.0	20.8	21.5	21.3	21.9	22.3
12H	21.6	22.2	22.1	22.6	23.1	20.9	21.4	21.4	21.9	22.4
12H 4H	20.6	21.4	21.0	21.8	22.2	20.2	21.0	20.6	21.4	21.8
6H	21.3	21.9	21.7	22.3	22.8	20.7	21.4	21.2	21.8	22.2
8H	21.5	22.1	22.0	22.5	23.0	20.9	21.5	21.4	21.9	22.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1028 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.1)
 Area: 0.1 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

UTILIZATION FACTORS TABLE

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

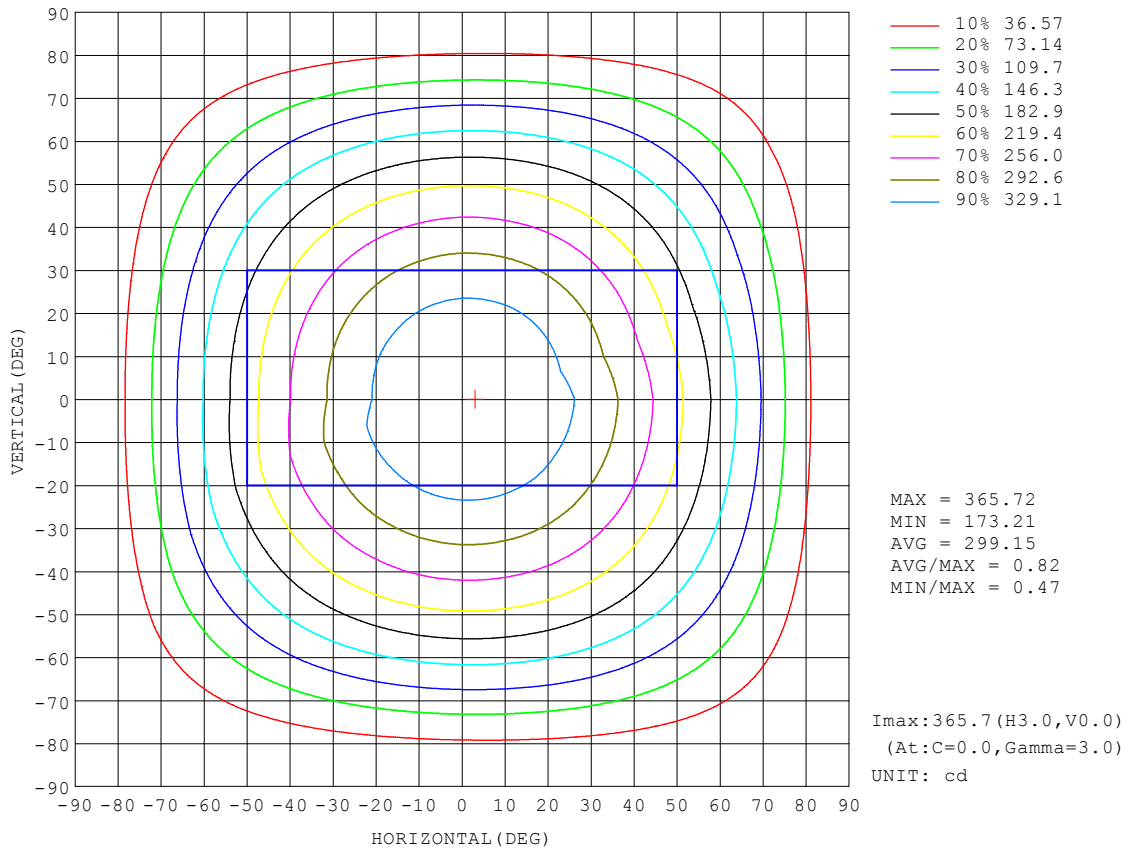
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	92	86	97	90	85	93	87	83	75
3.00	103	96	90	100	94	89	96	91	87	79
4.00	107	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	99	96	86
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: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

ISOCANDELA DIAGRAM

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

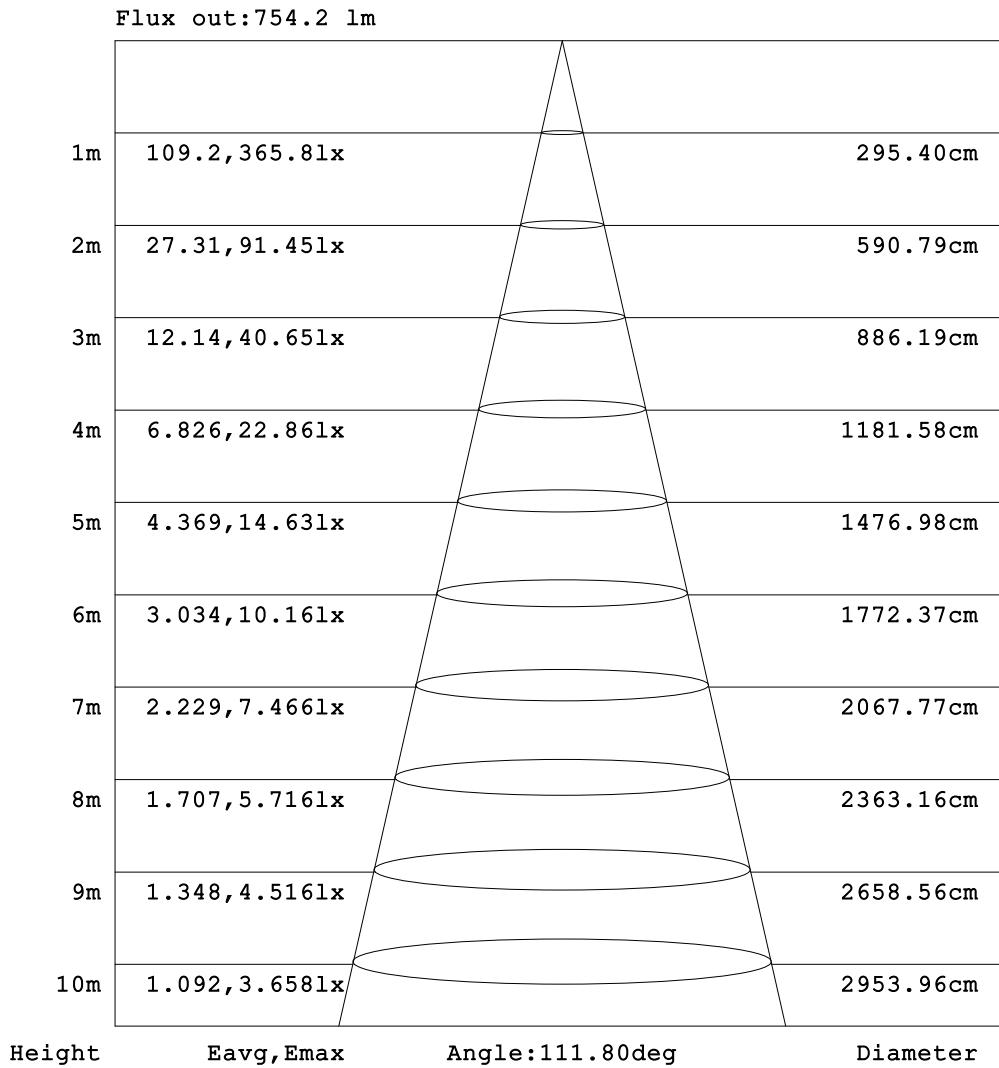


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

AAI Figure

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



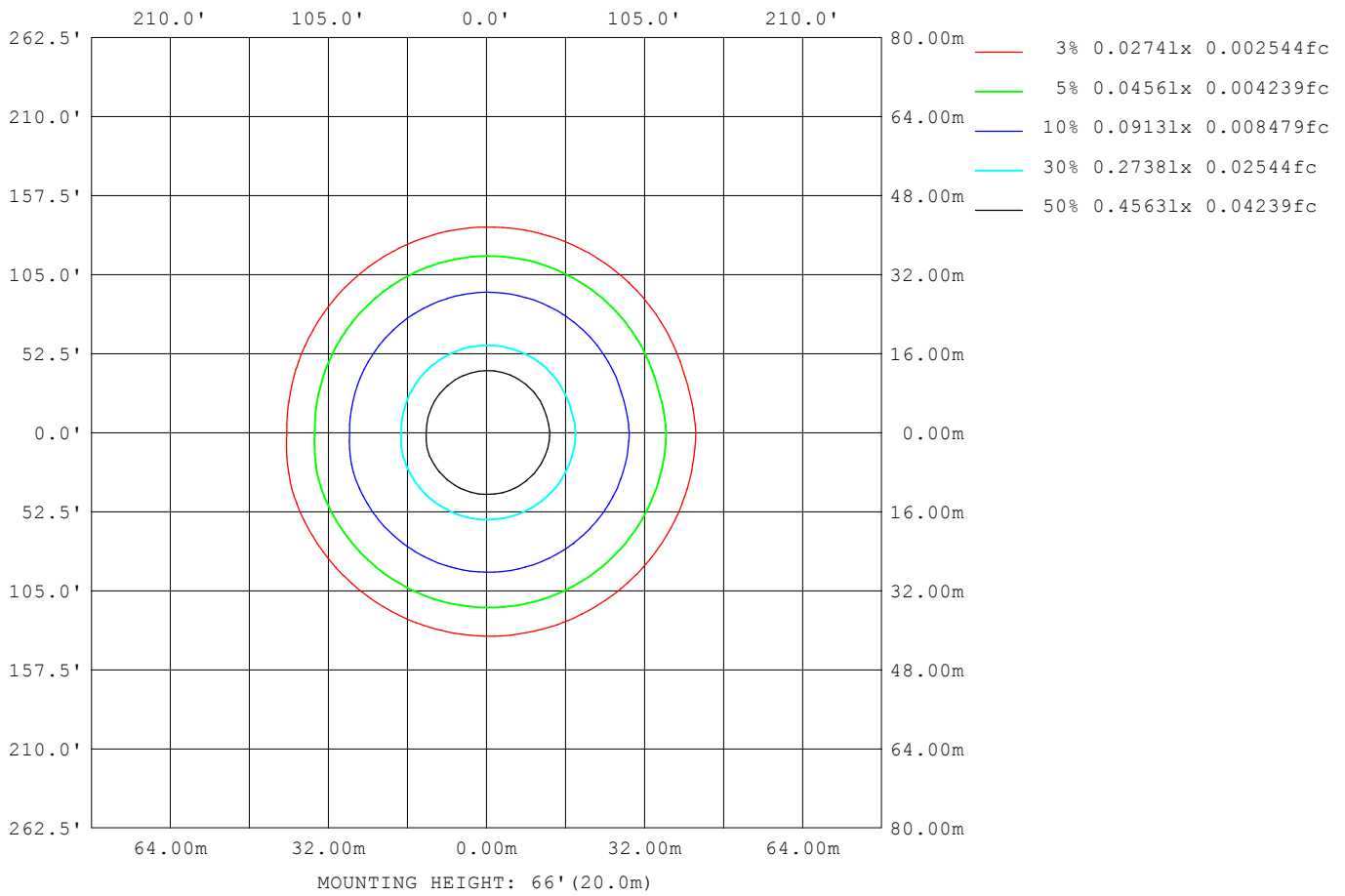
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

ISOLUX DIAGRAM

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

LED Avg.L Report

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

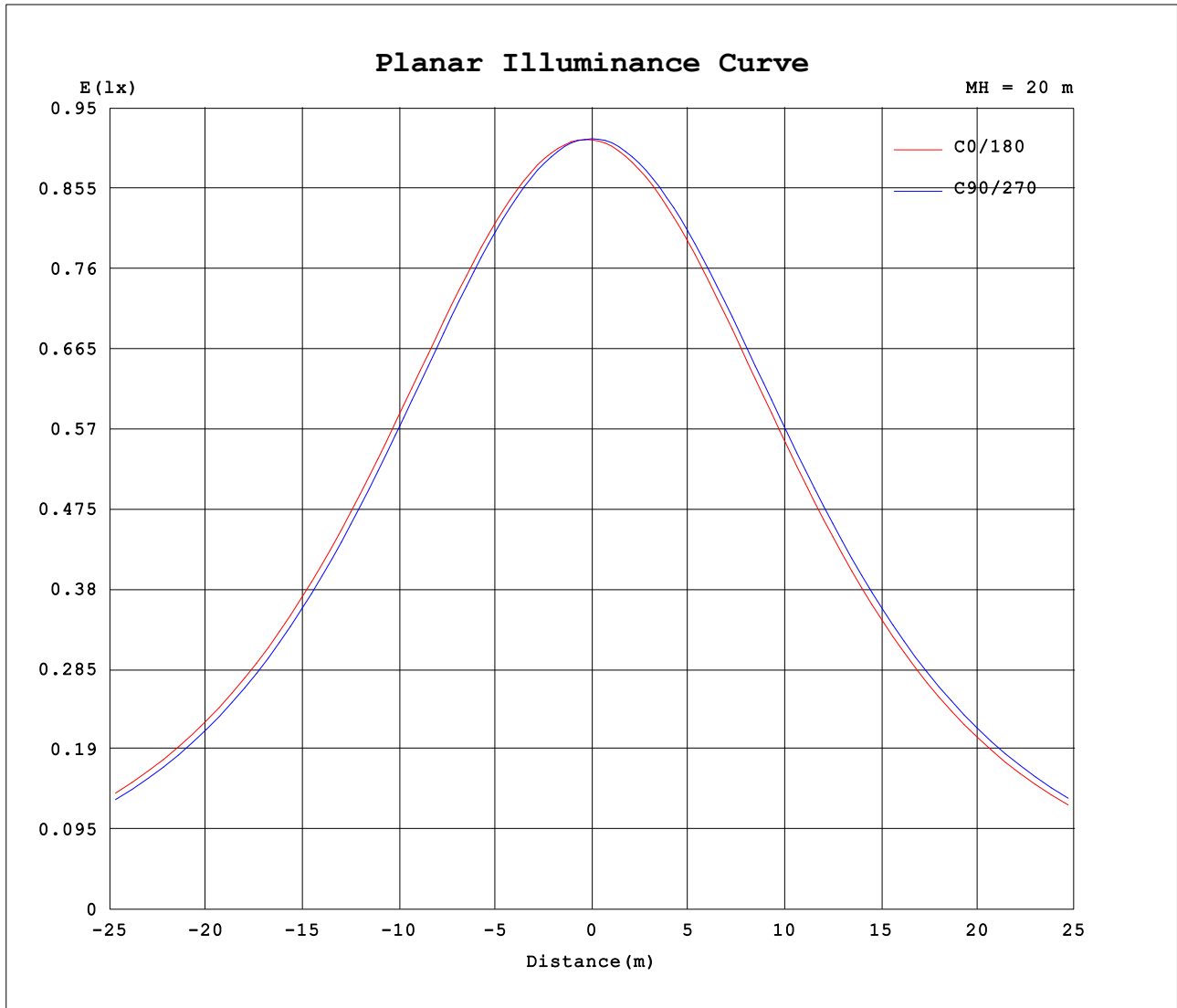
AvgL	cd/m2
L_0~180 (65) av	3031
L_0~180 (75) av	2518
L_0~180 (85) av	1333
L_90~270 (65) av	3028
L_90~270 (75) av	2516
L_90~270 (85) av	1309
L_45 (65) av	3030
L_45 (75) av	2511
L_45 (85) av	1307

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 26.2DEG
 Operators:
 Test Date: 2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 60.6%
 Test Distance: 1.900m [K=1.0765]
 Remarks: C2107-02 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	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	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365
5	366	365	365	365	364	364	364	363	363	363	363	363	362	362	362	363	363	363	364
10	362	362	361	360	360	359	359	358	358	357	357	358	355	355	356	357	358	358	358
15	356	355	354	353	352	351	350	349	349	349	349	349	345	345	347	347	349	349	350
20	346	344	343	342	341	340	339	338	337	337	337	338	332	333	334	335	337	338	339
25	333	331	329	329	327	325	324	323	322	322	322	323	317	317	319	320	322	323	325
30	317	315	313	312	310	308	307	306	305	305	305	306	298	300	301	303	305	306	308
35	298	296	294	293	291	289	287	286	285	285	285	286	278	279	281	283	285	287	288
40	277	275	273	271	269	267	265	264	263	263	263	264	256	257	259	261	263	265	267
45	253	252	249	247	245	243	241	240	239	239	239	240	231	233	235	237	240	241	243
50	228	226	224	221	219	217	215	213	212	212	212	213	205	207	209	211	214	216	217
55	200	198	196	193	191	188	187	185	184	184	184	185	177	179	181	184	186	188	190
60	170	168	166	163	161	158	157	155	154	154	154	155	148	149	152	155	157	159	161
65	139	137	135	132	130	127	125	124	123	123	123	124	117	119	121	124	126	129	131
70	107	105	102	100	97.7	95.2	93.3	92.1	91.0	90.8	91.1	91.9	86.4	88.2	90.5	93.0	95.4	97.6	99.4
75	74.4	72.4	70.2	67.9	65.6	63.5	62.1	60.4	59.5	59.2	59.5	60.4	56.0	57.7	59.8	62.2	64.4	66.5	68.1
80	43.2	41.4	39.5	37.3	35.4	33.5	32.0	30.9	30.2	29.9	30.2	31.0	27.9	29.4	31.2	33.2	35.2	37.0	38.5
85	16.6	15.3	13.8	12.4	11.0	9.78	8.69	8.04	7.59	7.46	7.61	8.09	6.68	7.60	8.78	10.0	12.0	13.1	14.1
90	0.64	0.35	0.17	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.24
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
120	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
125	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
130	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
135	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
140	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
145	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
150	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
155	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
160	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
165	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
170	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
175	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.99V I:0.1250A P:14.475W PF:0.9652 Freq:60.01Hz Lamp Flux:1027.72x1 lm		
NAME: C2107-02 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	365	365	365	365	365														
5	364	364	364	364	364														
10	359	359	359	359	359														
15	351	351	352	351	351														
20	340	340	340	340	339														
25	325	326	327	326	326														
30	308	309	310	309	309														
35	289	290	291	290	289														
40	268	269	269	269	268														
45	245	245	246	245	245														
50	219	219	220	220	219														
55	191	192	193	192	192														
60	162	163	164	163	163														
65	132	133	133	133	132														
70	101	102	102	101	101														
75	69.6	70.3	70.7	70.2	69.3														
80	39.8	40.4	40.7	40.3	39.4														
85	15.0	15.5	15.7	15.4	14.8														
90	0.34	0.44	0.47	0.40	0.30														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.01	0.01	0.01	0.01	0.01														
120	0.01	0.01	0.01	0.01	0.01														
125	0.01	0.01	0.01	0.01	0.01														
130	0.01	0.01	0.01	0.01	0.01														
135	0.01	0.01	0.01	0.01	0.01														
140	0.01	0.01	0.01	0.01	0.01														
145	0.01	0.01	0.01	0.01	0.01														
150	0.01	0.01	0.01	0.01	0.01														
155	0.01	0.01	0.01	0.01	0.01														
160	0.01	0.01	0.01	0.01	0.01														
165	0.01	0.01	0.01	0.01	0.01														
170	0.01	0.01	0.01	0.01	0.01														
175	0.01	0.01	0.01	0.01	0.01														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:26.2DEG
 Operators:
 Test Date:2021-06-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:60.6%
 Test Distance:1.900m [K=1.0765]
 Remarks: C2107-02 4000K