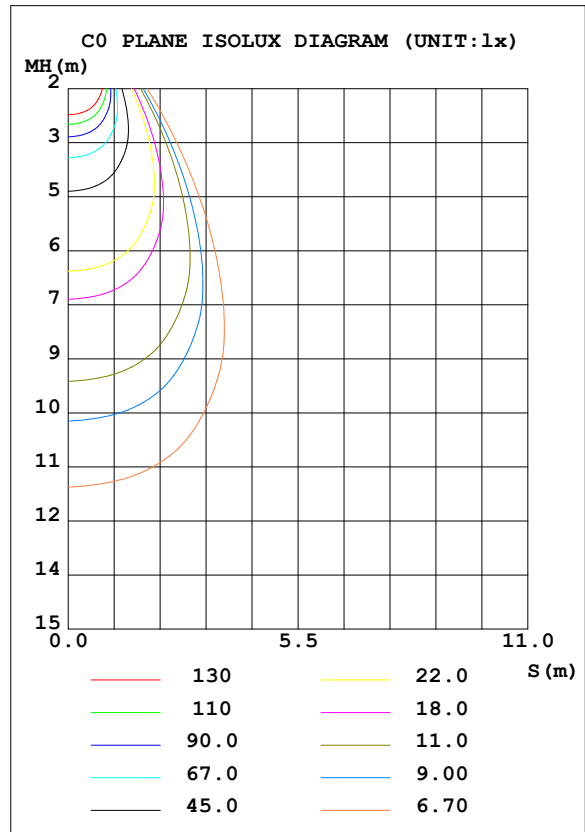
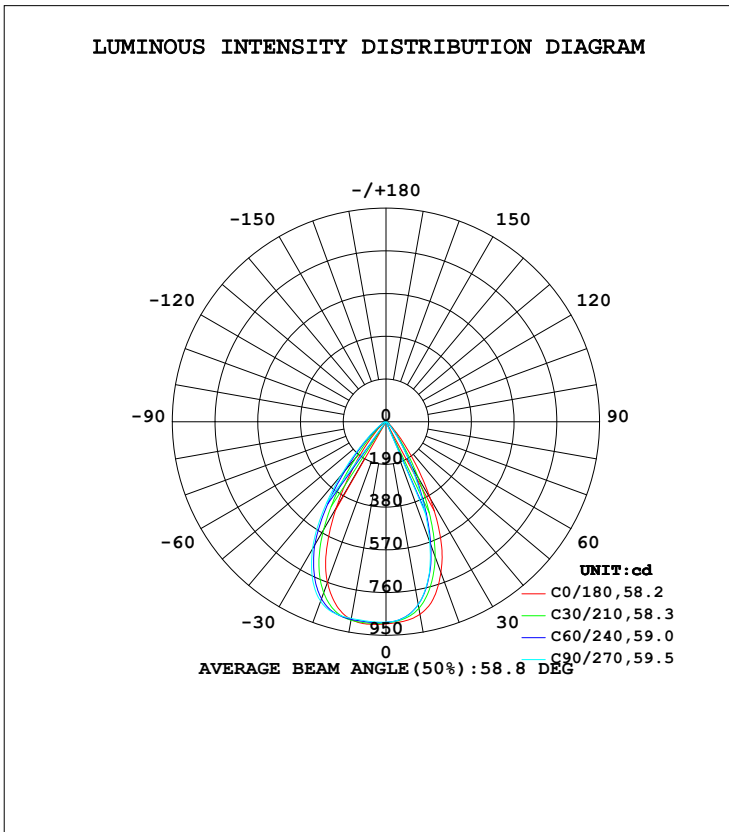


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.39 lm/W			
MODEL	CITIZEN-2700K	I <sub>max</sub> (cd)	903.7	S/MH (C0/180)	0.89
NOMINAL POWER (W)	11	LOR (%)	100.0	S/MH (C90/270)	1.05
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	856.39	η UP, DN (C0-180)	0.0, 38.5
NOMINAL FLUX (lm)	856.393	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 61.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.90



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jason  
Test Date: 2021-11-09

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity: 58%  
Test Distance: 8.967m [K=1.0000]  
Remarks:

**ZONAL FLUX DIAGRAM**

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	869.5	834.1	825.8	851.2	892.8	895.0	888.0	880.9	0- 10	84.06	84.06	9.82,9.82
20	713.7	610.1	569.9	643.0	761.2	823.4	849.5	807.3	10- 20	226.8	310.8	36.3,36.3
30	394.6	254.0	219.1	282.8	443.1	597.4	654.2	571.7	20- 30	264.6	575.5	67.2,67.2
40	115.9	62.23	55.67	80.17	141.2	246.7	313.0	235.8	30- 40	172.7	748.2	87.4,87.4
50	29.14	20.80	18.88	23.82	35.13	62.01	89.30	62.53	40- 50	66.47	814.6	95.1,95.1
60	14.24	10.78	9.650	11.84	16.13	21.40	26.05	20.48	50- 60	23.52	838.1	97.9,97.9
70	6.973	4.657	3.789	5.138	8.041	11.43	12.46	10.43	60- 70	11.52	849.7	99.2,99.2
80	2.163	0.5288	0.0895	0.6603	2.598	4.980	5.691	4.467	70- 80	5.348	855.0	99.8,99.8
90	0.0418	0.0470	0.0418	0.0470	0.0679	0.6585	1.223	0.5488	80- 90	1.380	856.4	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 790.62 lm

%lum = 92.3%  
%lamp = 92.3%

Conical surface Flux(120deg): 838.14 lm

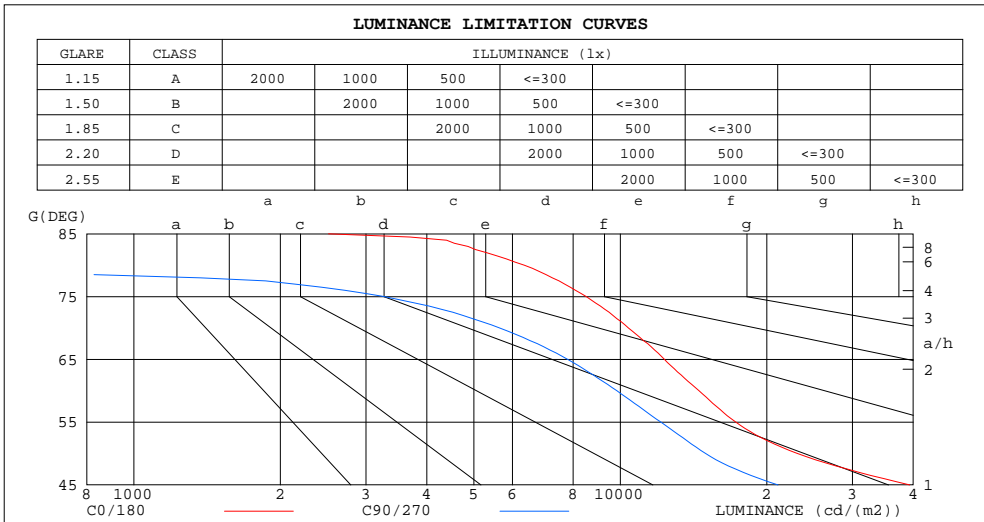
%lum = 97.9%  
%lamp = 97.9%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2021-11-09

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:58%  
Test Distance:8.967m [K=1.0000]  
Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2513	244
80	6346	263
75	8511	3270
70	10389	5645
65	12317	7791
60	14508	9834
55	17272	12114
50	23100	14966
45	39364	21099

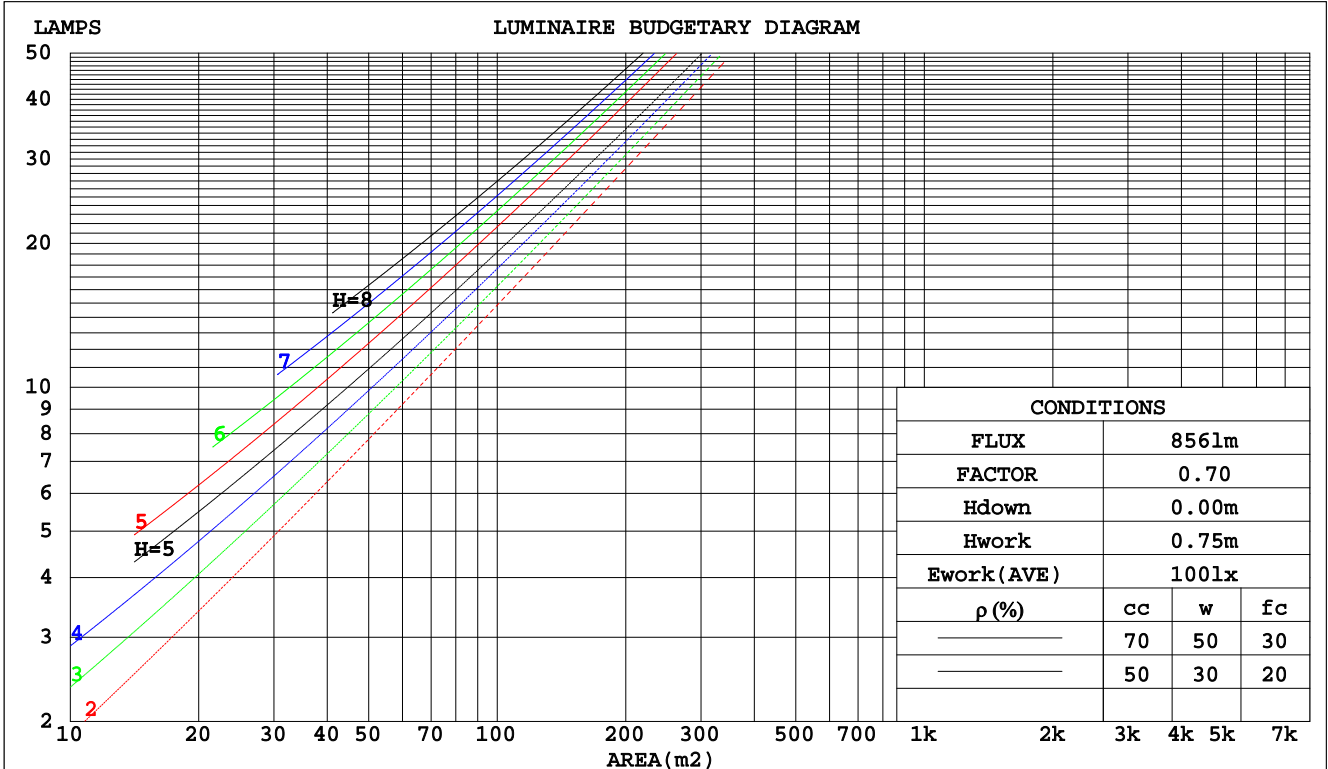
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Jason  
 Test Date: 2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 58%  
 Test Distance: 8.967m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																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	1.00
1.0	1.10	1.08	1.05	1.08	1.06	1.03	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.94	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.89	.85	.93	.88	.84	.91	.86	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.88	.82	.78	.87	.81	.77	.85	.80	.76	.83	.79	.75	.81	.77	.75	.73
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.78	.73	.70	.76	.72	.69	.68
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.73	.68	.65	.72	.68	.64	.63
7.0	.72	.66	.61	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.59
8.0	.68	.61	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.56	.55
9.0	.64	.58	.54	.63	.57	.53	.62	.57	.53	.61	.57	.53	.61	.56	.53	.51
10.0	.60	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.57	.53	.50	.48



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Jason  
 Test Date: 2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 58%  
 Test Distance: 8.967m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

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	.189	.108	.034	.183	.104	.033	.170	.097	.031	.158	.091	.029	.148	.086	.028	
2.0	.181	.099	.030	.176	.097	.030	.165	.092	.028	.155	.087	.027	.146	.083	.026	
3.0	.172	.092	.027	.168	.090	.027	.158	.086	.026	.150	.082	.025	.142	.079	.024	
4.0	.164	.085	.025	.160	.084	.025	.152	.080	.024	.144	.077	.023	.137	.075	.023	
5.0	.156	.079	.023	.152	.078	.023	.145	.076	.022	.139	.073	.022	.133	.071	.021	
6.0	.148	.074	.021	.145	.073	.021	.139	.071	.021	.133	.069	.020	.128	.067	.020	
7.0	.141	.070	.020	.138	.069	.020	.133	.067	.019	.128	.066	.019	.123	.064	.019	
8.0	.135	.066	.019	.132	.065	.018	.127	.064	.018	.123	.062	.018	.119	.061	.018	
9.0	.129	.062	.017	.127	.062	.017	.122	.060	.017	.118	.059	.017	.114	.058	.017	
10.0	.123	.059	.016	.121	.059	.016	.117	.058	.016	.114	.056	.016	.110	.055	.016	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.054	.050	.040	.032	.016	.013	.010	
4.0	.136	.099	.071	.117	.086	.062	.080	.060	.043	.046	.035	.026	.015	.011	.008	
5.0	.127	.088	.058	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.078	.049	.103	.068	.042	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.114	.071	.041	.098	.062	.036	.068	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.108	.065	.035	.093	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.103	.060	.031	.089	.052	.027	.061	.036	.019	.036	.022	.011	.012	.007	.004	
10.0	.098	.055	.027	.085	.048	.023	.059	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jason  
 Test Date:2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:58%  
 Test Distance:8.967m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

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	20.0	21.0	20.2	21.1	21.3	17.3	18.3	17.5	18.5	18.7
3H	20.1	21.0	20.4	21.2	21.4	17.4	18.3	17.7	18.6	18.8
4H	20.1	21.0	20.4	21.2	21.5	17.4	18.3	17.7	18.5	18.7
6H	20.1	20.9	20.4	21.2	21.4	17.3	18.1	17.6	18.4	18.6
8H	20.1	20.9	20.4	21.1	21.4	17.3	18.1	17.6	18.3	18.6
12H	20.1	20.8	20.4	21.1	21.4	17.2	18.0	17.5	18.2	18.5
4H 2H	19.8	20.7	20.1	20.9	21.2	17.3	18.2	17.6	18.4	18.6
3H	20.0	20.8	20.3	21.0	21.3	17.5	18.3	17.8	18.5	18.8
4H	20.1	20.8	20.4	21.1	21.4	17.5	18.2	17.9	18.5	18.8
6H	20.1	20.7	20.5	21.0	21.4	17.4	18.0	17.8	18.4	18.7
8H	20.1	20.6	20.5	21.0	21.4	17.4	17.9	17.8	18.3	18.7
12H	20.0	20.6	20.5	20.9	21.3	17.3	17.8	17.7	18.2	18.6
8H 4H	20.0	20.5	20.4	20.9	21.3	17.4	18.0	17.8	18.4	18.7
6H	20.0	20.5	20.4	20.9	21.3	17.4	17.8	17.8	18.2	18.6
8H	20.0	20.4	20.4	20.8	21.3	17.3	17.7	17.8	18.1	18.6
12H	19.9	20.3	20.4	20.7	21.2	17.3	17.6	17.7	18.0	18.5
12H 4H	19.9	20.4	20.3	20.8	21.2	17.4	17.9	17.8	18.3	18.7
6H	20.0	20.4	20.4	20.8	21.2	17.3	17.7	17.8	18.1	18.6
8H	19.9	20.3	20.4	20.7	21.2	17.3	17.6	17.7	18.1	18.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / - 3.2					+ 2.0 / - 2.7				
1.5H	+ 5.4 / - 3.1					+ 3.4 / - 2.0				
2.0H	+ 4.0 / - 1.9					+ 2.0 / - 1.5				

CIE Pub.117, 856.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.5)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jason  
 Test Date:2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:58%  
 Test Distance:8.967m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

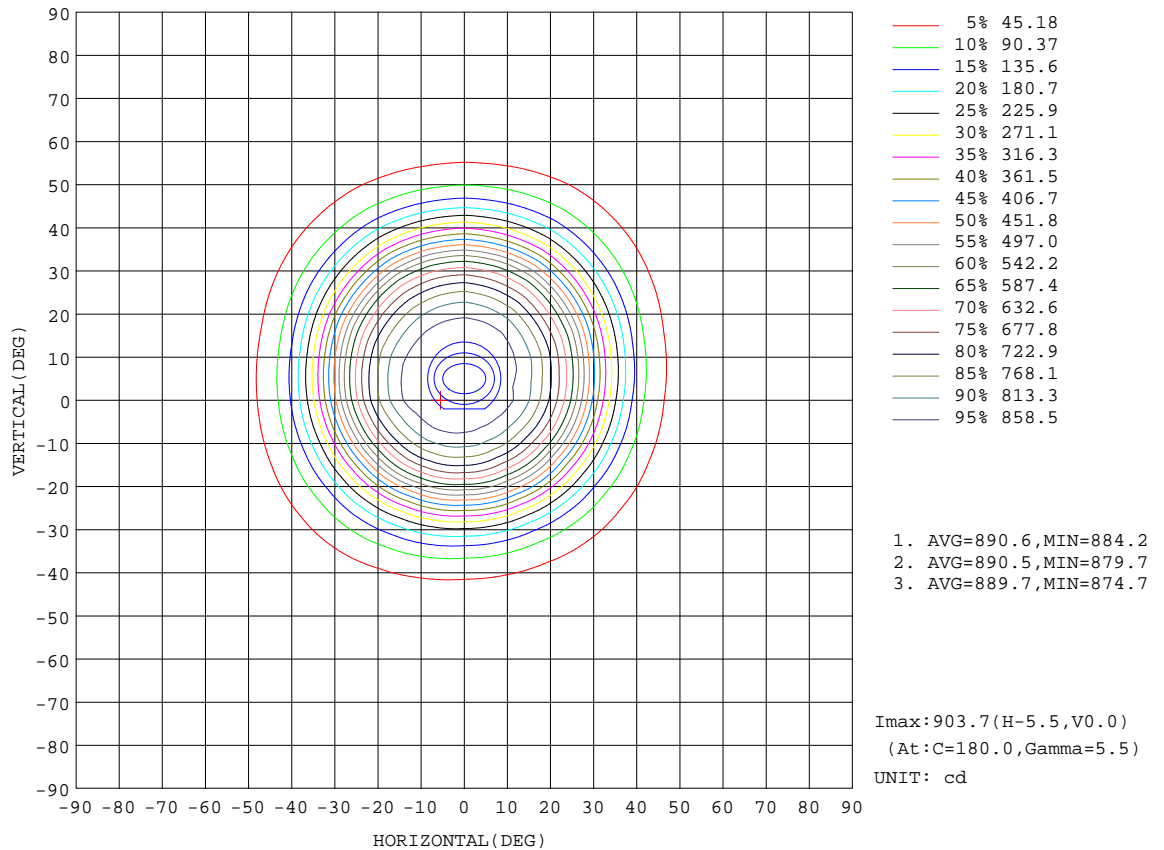
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	84	77	72	83	76	72	82	76	72	68
0.80	92	85	81	91	85	81	90	84	80	76
1.00	97	90	86	96	90	86	94	90	86	81
1.25	101	95	92	100	95	91	98	94	90	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	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: HIGH  
 Temperature:25.3DEG  
 Operators:Jason  
 Test Date:2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:58%  
 Test Distance:8.967m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		



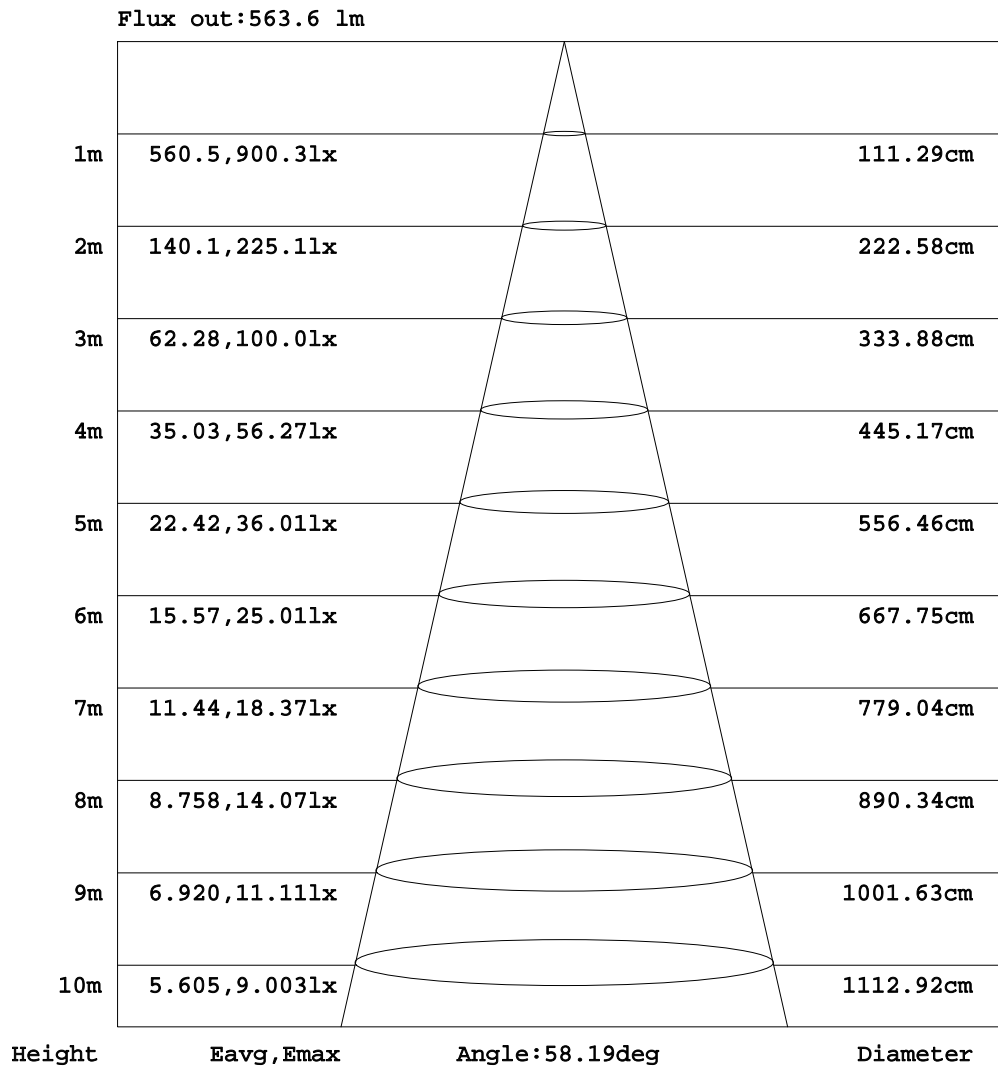
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2021-11-09

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:58%  
Test Distance:8.967m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		



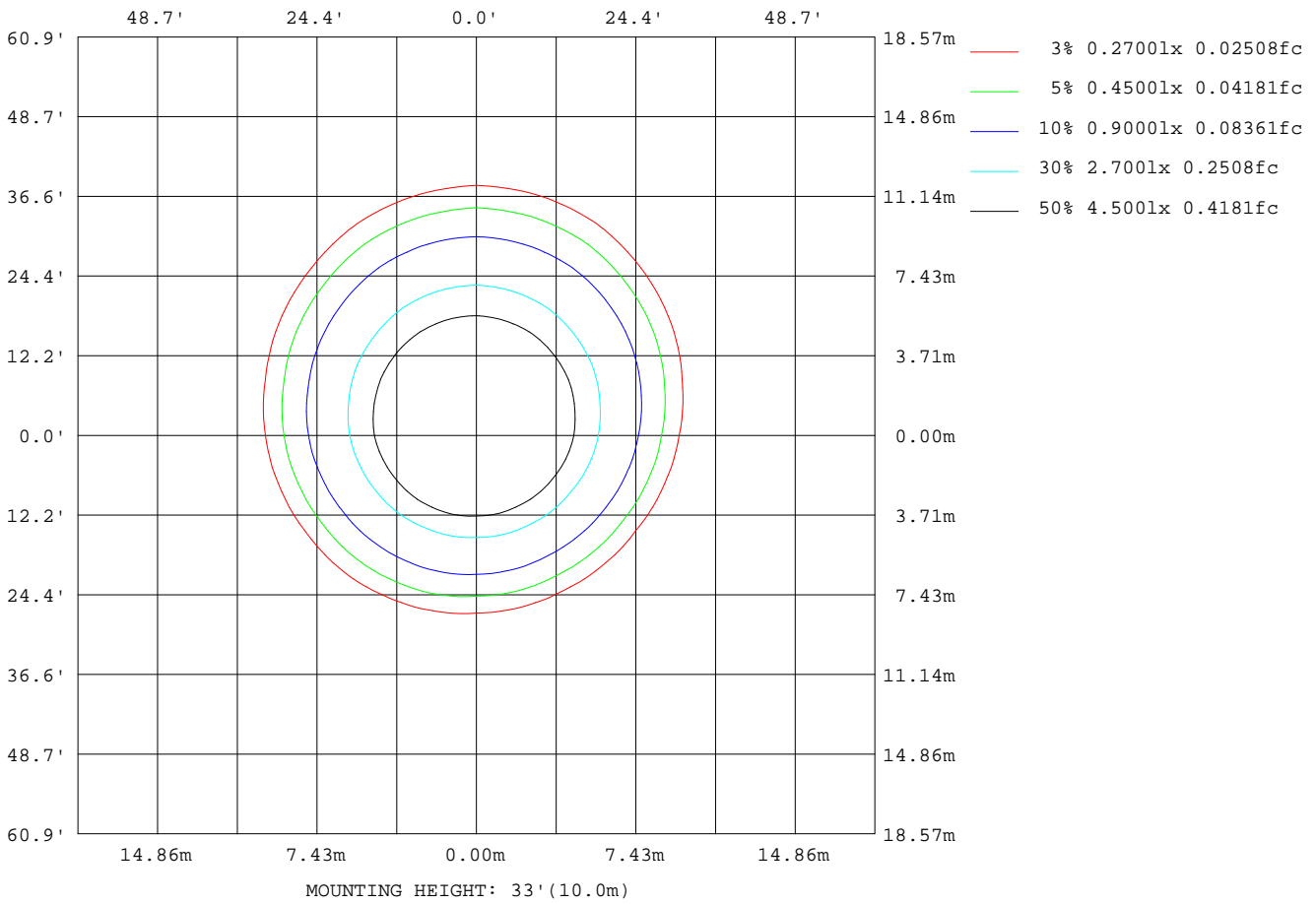
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2021-11-09

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:58%  
Test Distance:8.967m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jason  
 Test Date:2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:58%  
 Test Distance:8.967m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

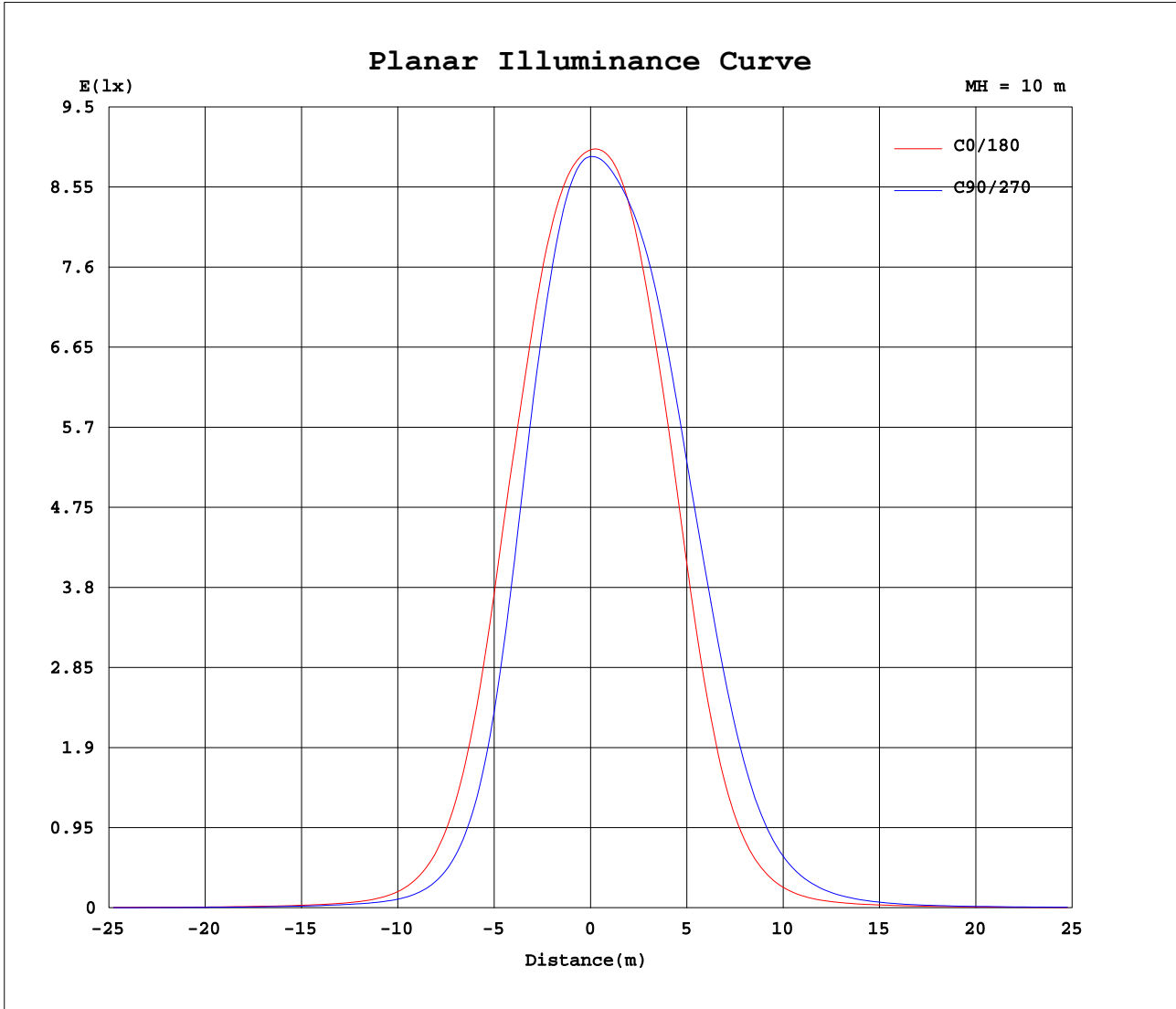
AvgL	cd/m2
L_0~180 (65) av	13142
L_0~180 (75) av	9251
L_0~180 (85) av	3274
L_90~270 (65) av	14406
L_90~270 (75) av	10261
L_90~270 (85) av	9457
L_45 (65) av	13837
L_45 (75) av	9863
L_45 (85) av	7200

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jason  
Test Date:2021-11-09

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:58%  
Test Distance:8.967m [K=1.0000]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Jason  
 Test Date: 2021-11-09

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 58%  
 Test Distance: 8.967m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

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	899	897	895	893	892	892	891	890	890	889	888	886	899	897	895	893	892	892	891
5	891	886	881	879	876	877	877	880	882	885	887	889	904	901	899	897	895	893	891
10	869	856	843	834	826	826	826	833	840	851	861	872	893	895	896	895	893	890	888
15	815	788	760	744	728	726	725	736	749	770	790	815	847	860	872	877	880	882	882
20	714	678	639	610	582	575	570	587	608	643	676	718	761	784	809	823	838	847	850
25	577	520	465	430	398	387	381	398	420	463	505	562	625	667	706	730	754	767	773
30	395	339	286	254	229	221	219	231	249	283	323	379	443	498	556	597	634	650	654
35	230	186	150	129	116	114	113	124	135	155	180	217	266	316	373	416	461	482	491
40	116	90.4	71.6	62.2	56.2	55.3	55.7	61.5	68.7	80.2	92.4	113	141	171	210	247	283	303	313
45	54.6	43.1	35.9	32.5	30.1	29.6	29.3	31.6	35.2	41.2	47.1	56.3	69.0	83.9	106	127	152	166	173
50	29.1	25.0	22.1	20.8	19.8	19.2	18.9	19.6	21.2	23.8	26.4	30.1	35.1	41.1	51.3	62.0	75.4	84.3	89.3
55	19.4	17.5	16.0	15.2	14.3	14.0	13.6	14.2	15.1	16.6	18.0	19.8	22.0	24.5	28.6	33.1	39.3	43.5	46.2
60	14.2	12.9	11.5	10.8	10.2	9.88	9.65	10.1	10.7	11.8	12.8	14.4	16.1	17.5	19.4	21.4	24.0	25.4	26.0
65	10.2	9.07	8.01	7.45	6.93	6.69	6.46	6.79	7.29	8.16	9.00	10.2	11.6	12.7	14.3	15.7	17.0	17.4	17.4
70	6.97	6.02	5.16	4.66	4.19	3.95	3.79	4.04	4.44	5.14	5.86	6.88	8.04	8.96	10.2	11.4	12.3	12.5	12.5
75	4.32	3.51	2.82	2.36	1.98	1.76	1.66	1.80	2.09	2.62	3.24	4.08	5.07	5.93	6.95	7.90	8.68	8.76	8.76
80	2.16	1.53	1.05	0.53	0.19	0.07	0.09	0.07	0.23	0.66	1.14	1.79	2.60	3.34	4.20	4.98	5.61	5.74	5.69
85	0.43	0.05	0.06	0.04	0.05	0.05	0.04	0.04	0.05	0.05	0.06	0.08	0.69	1.28	1.92	2.55	3.03	3.21	3.19
90	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.05	0.04	0.04	0.07	0.08	0.16	0.66	1.01	1.23	1.22

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jason  
 Test Date:2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:58%  
 Test Distance:8.967m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:29.70V I:0.3500A P:10.40W PF:1.000 Freq:0Hz Lamp Flux:856.393x1 lm		
NAME: M3-11W-927-60	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: φ50mm*H40mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345												
0	890	890	889	888	886												
5	889	888	886	884	881												
10	887	885	881	876	868												
15	881	877	866	851	827												
20	844	832	807	781	743												
25	759	740	704	669	622												
30	640	617	572	521	454												
35	473	447	396	344	283												
40	298	275	236	195	151												
45	165	150	123	98.4	72.8												
50	85.7	77.2	62.5	49.0	36.6												
55	44.6	40.8	33.4	27.3	22.1												
60	25.5	23.9	20.5	18.0	15.7												
65	17.2	16.4	14.6	13.2	11.4												
70	12.2	11.7	10.4	9.42	8.03												
75	8.57	8.15	7.15	6.26	5.19												
80	5.55	5.20	4.47	3.70	2.89												
85	3.10	2.80	2.28	1.67	1.12												
90	1.21	0.96	0.55	0.11	0.07												

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jason  
 Test Date:2021-11-09

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:58%  
 Test Distance:8.967m [K=1.0000]  
 Remarks: