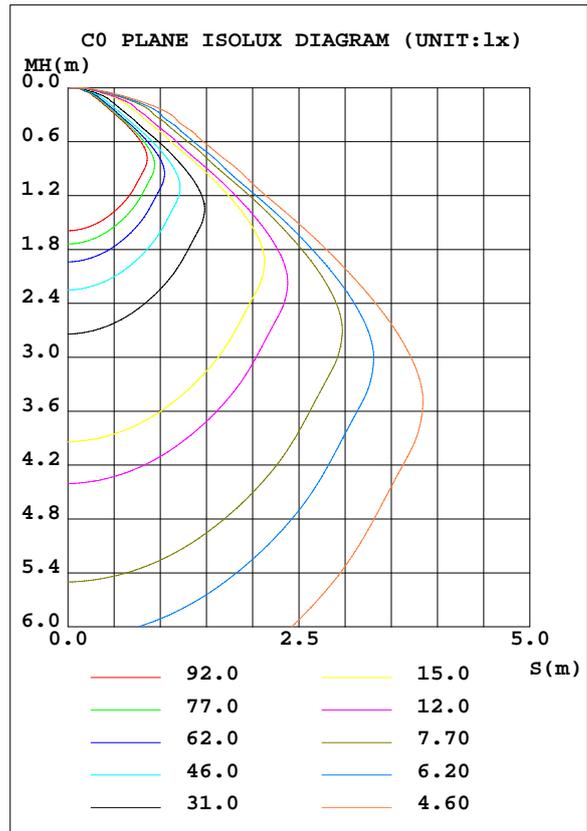
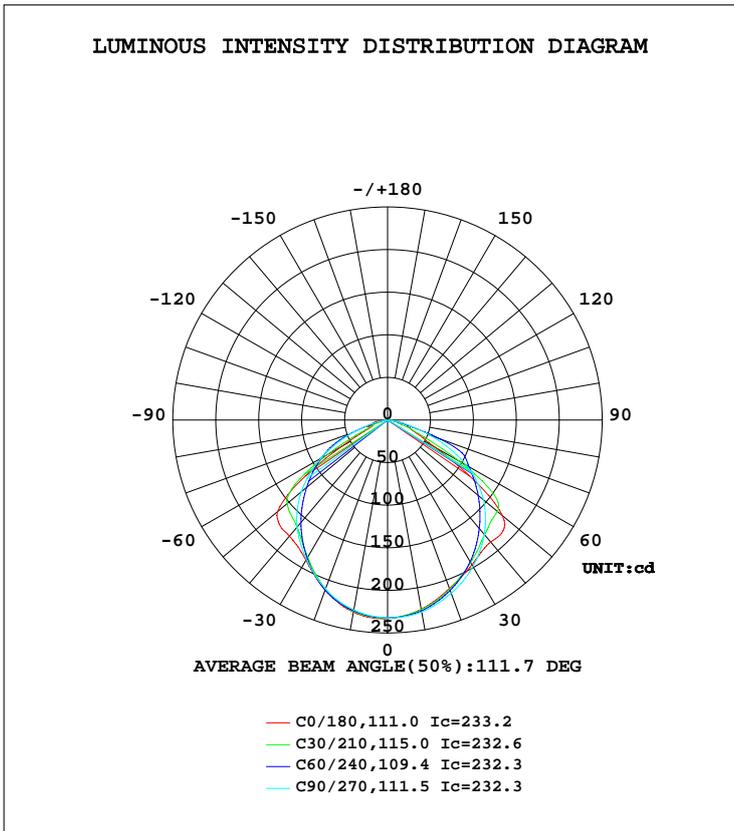


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	3000K	Imax(cd)	233.2	S/MH(C0/180)	1.23
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	605.36	η UP, DN(C0-180)	0.0,51.4
NOMINAL FLUX(lm)	605.363	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,48.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [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	225.5	226.6	228.7	229.2	228.9	227.7	226.3	224.8	0- 10	21.93	21.93	3.62,3.62
20	210.5	211.7	216.5	214.1	212.2	211.7	211.0	208.6	10- 20	62.19	84.11	13.9,13.9
30	196.5	191.4	198.7	190.4	190.1	185.5	188.9	186.3	20- 30	93.03	177.1	29.3,29.3
40	186.9	169.4	175.2	164.3	177.9	156.7	163.9	162.7	30- 40	112.6	289.8	47.9,47.9
50	174.7	148.6	145.9	147.1	167.2	135.8	131.2	142.6	40- 50	123.4	413.1	68.2,68.2
60	63.16	124.6	105.7	112.2	60.98	99.25	89.43	110.5	50- 60	110.1	523.3	86.4,86.4
70	28.15	33.69	52.94	27.43	19.91	24.66	41.81	26.02	60- 70	57.72	581.0	96,96
80	13.53	5.930	10.75	3.996	14.48	3.120	6.863	4.789	70- 80	20.58	601.6	99.4,99.4
90	0.1039	0.0003	0	0.0793	0	0	0	0	80- 90	3.759	605.4	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0065	605.4	100,100
110	0	0	0	0	0	0	0	0	100-110	0	605.4	100,100
120	0	0	0	0	0	0	0	0	110-120	0	605.4	100,100
130	0	0	0	0	0	0	0	0	120-130	0	605.4	100,100
140	0	0	0	0	0	0	0	0	130-140	0	605.4	100,100
150	0	0	0	0	0	0	0	0	140-150	0	605.4	100,100
160	0	0	0	0	0	0	0	0	150-160	0	605.4	100,100
170	0	0	0	0	0	0	0	0	160-170	0	605.4	100,100
180	0	0	0	0	0	0	0	0	170-180	0	605.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 350.67 lm

%lum = 57.9%
 %lamp = 57.9%

Conical surface Flux(120deg): 523.29 lm

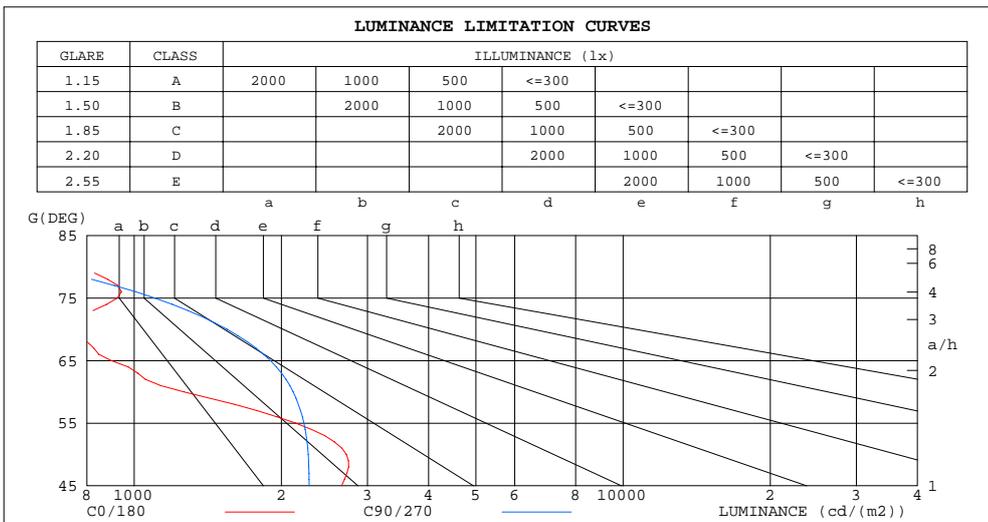
%lum = 86.4%
 %lamp = 86.4%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	646	0
80	779	619
75	923	1100
70	823	1548
65	898	1900
60	1263	2114
55	2140	2224
50	2718	2269
45	2656	2281

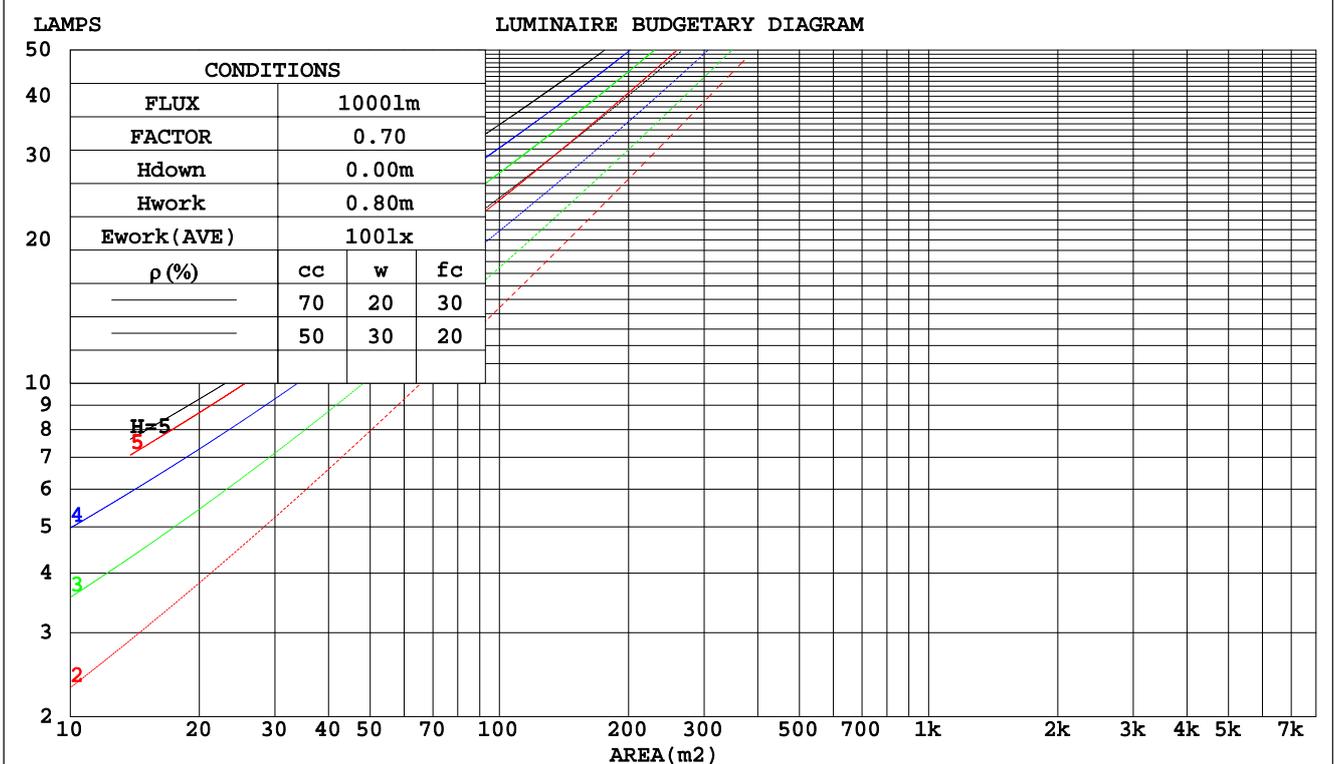
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	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																0
pfc	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	1.06	1.02	.99	1.04	1.00	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.82	.91	.86	.81	.88	.83	.79	.85	.81	.77	.82	.78	.75	.73
3.0	.82	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.73	.68	.64	.62
4.0	.73	.65	.58	.72	.64	.58	.69	.63	.57	.67	.61	.56	.65	.60	.56	.54
5.0	.65	.57	.50	.64	.56	.50	.62	.55	.50	.60	.54	.49	.58	.53	.49	.46
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.43	.55	.48	.43	.53	.47	.43	.41
7.0	.53	.45	.39	.53	.45	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.35	.47	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	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	.274	.156	.049	.267	.152	.048	.254	.146	.046	.242	.139	.045	.231	.134	.043	
2.0	.266	.146	.045	.260	.143	.044	.248	.138	.043	.238	.133	.042	.228	.129	.041	
3.0	.251	.134	.040	.246	.132	.040	.236	.128	.039	.226	.124	.038	.218	.120	.037	
4.0	.235	.122	.036	.231	.121	.036	.222	.118	.035	.213	.115	.035	.206	.112	.034	
5.0	.220	.112	.032	.216	.111	.032	.208	.108	.032	.200	.106	.031	.193	.103	.031	
6.0	.206	.103	.030	.202	.102	.029	.195	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.193	.095	.027	.189	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.088	.025	.172	.086	.025	.167	.084	.024	.162	.083	.024	
9.0	.170	.082	.023	.167	.082	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.145	.073	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.137	.152	.134	.118	.104	.092	.082	.060	.053	.047	.019	.017	.015	
2.0	.169	.132	.101	.145	.114	.087	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.161	.114	.077	.138	.098	.067	.095	.068	.047	.055	.040	.028	.018	.013	.009	
4.0	.153	.101	.060	.132	.087	.052	.091	.061	.037	.052	.036	.022	.017	.012	.007	
5.0	.146	.090	.049	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm										
NAME: 2835-72D-120V-3000K					TYPE:LED Strip Light			WEIGHT:		
SPEC.:600MM*12MM					DIM.: 600MM*12MM			SERIAL No.:		
MFR.: ESTAR					SUR.:600MM*12MM			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	17.3	18.8	17.6	19.0	19.2	17.6	19.1	17.9	19.3	19.5
3H	17.5	18.9	17.8	19.1	19.3	18.8	20.2	19.1	20.4	20.6
4H	17.7	19.0	18.0	19.2	19.5	19.1	20.4	19.4	20.6	20.9
6H	17.9	19.1	18.2	19.3	19.6	19.2	20.3	19.5	20.6	20.9
8H	17.9	19.0	18.2	19.3	19.6	19.1	20.3	19.5	20.6	20.8
12H	17.9	19.0	18.3	19.3	19.6	19.1	20.2	19.4	20.5	20.8
4H 2H	17.9	19.2	18.2	19.4	19.7	18.3	19.6	18.6	19.8	20.1
3H	18.1	19.2	18.5	19.5	19.8	19.6	20.7	20.0	21.0	21.3
4H	18.3	19.3	18.7	19.6	20.0	20.0	21.0	20.4	21.3	21.6
6H	18.6	19.5	19.0	19.8	20.2	20.1	21.0	20.5	21.4	21.7
8H	18.7	19.5	19.1	19.8	20.2	20.1	20.9	20.5	21.3	21.7
12H	18.7	19.4	19.1	19.8	20.2	20.1	20.8	20.5	21.2	21.6
8H 4H	18.3	19.2	18.8	19.5	19.9	19.9	20.7	20.3	21.1	21.5
6H	18.7	19.4	19.1	19.8	20.2	20.1	20.8	20.5	21.2	21.6
8H	18.8	19.4	19.3	19.8	20.3	20.1	20.7	20.6	21.1	21.6
12H	18.9	19.4	19.4	19.9	20.3	20.1	20.6	20.6	21.0	21.5
12H 4H	18.3	19.1	18.7	19.4	19.8	19.9	20.6	20.3	21.0	21.4
6H	18.7	19.3	19.1	19.7	20.1	20.1	20.7	20.5	21.1	21.5
8H	18.8	19.3	19.3	19.8	20.2	20.1	20.6	20.6	21.0	21.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 1.1 / - 1.6					+ 0.3 / - 0.3				
2.0H	+ 1.5 / - 2.3					+ 0.8 / - 0.8				

CIE Pub.117, 605.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.7)
 Area: 0.1 m2

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

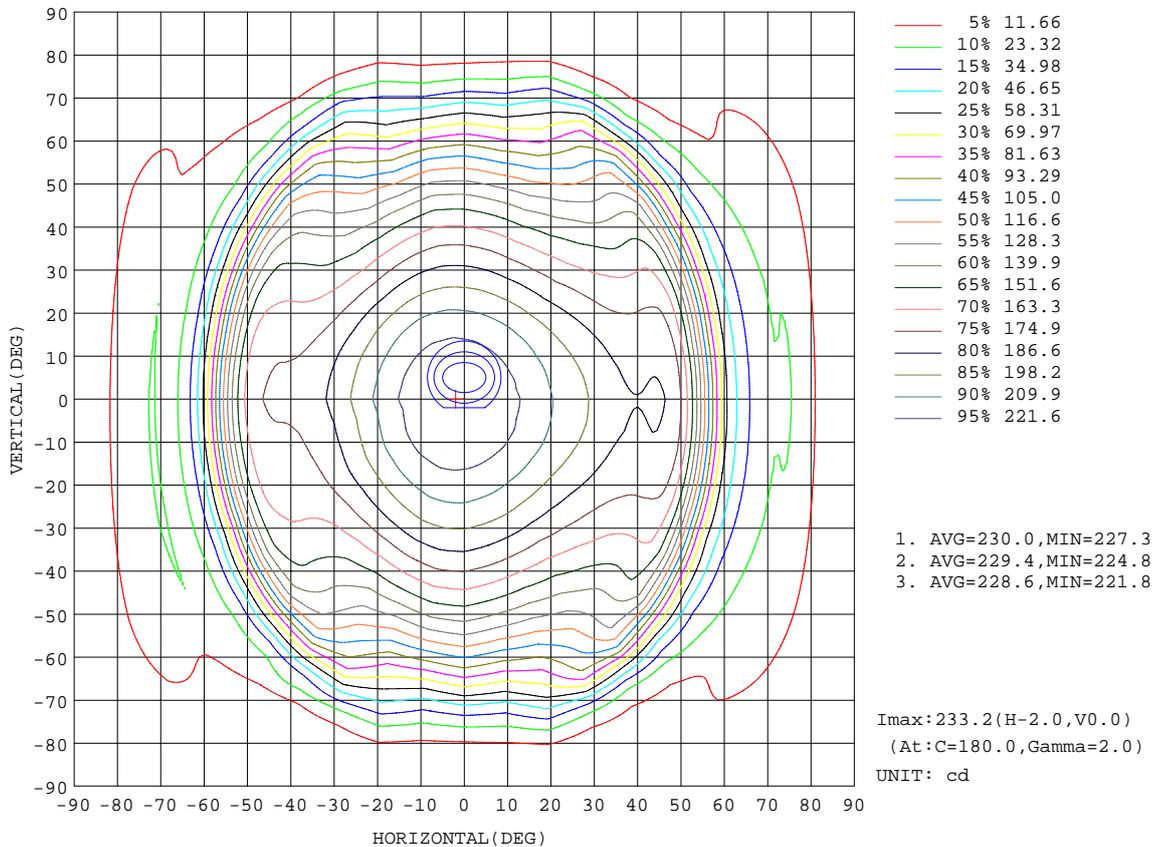
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	47	40	58	47	40	57	46	40	34
0.80	69	58	51	68	58	51	67	57	50	44
1.00	78	68	61	77	67	61	75	69	60	53
1.25	86	76	69	84	75	69	82	74	68	61
1.50	91	82	75	89	81	75	86	79	74	67
2.00	97	90	84	96	89	83	92	86	82	74
2.50	101	94	88	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	98	94	90	82
4.00	108	103	98	105	101	97	101	98	94	86
5.00	110	105	102	107	104	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Q
Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:



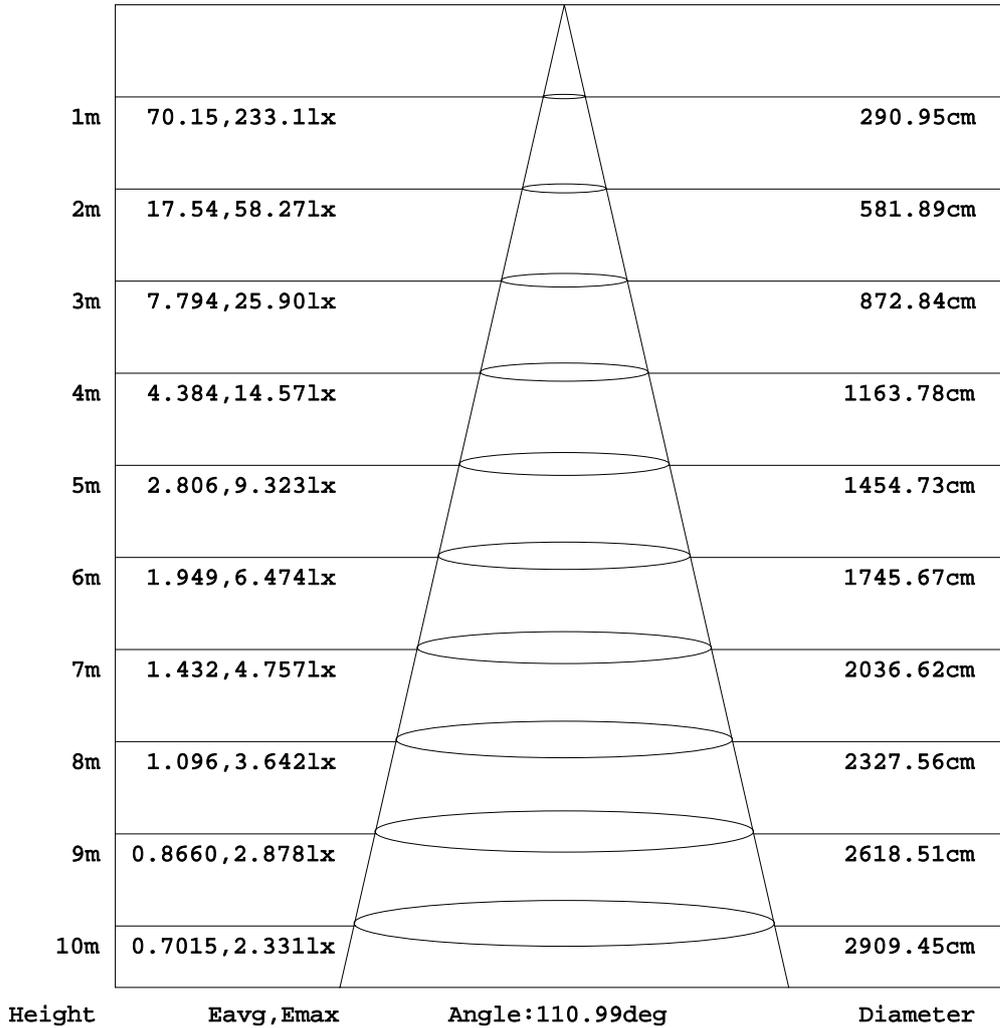
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Q
 Test Date: 2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

Flux out:484.4 lm



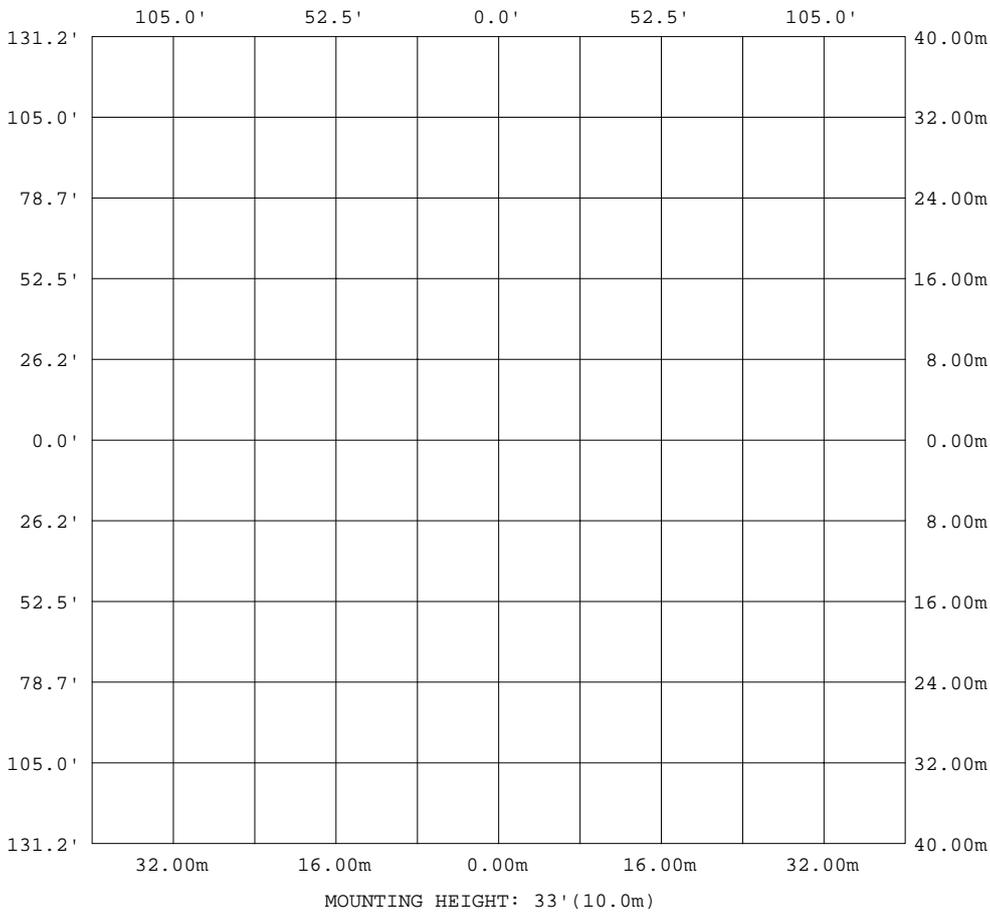
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

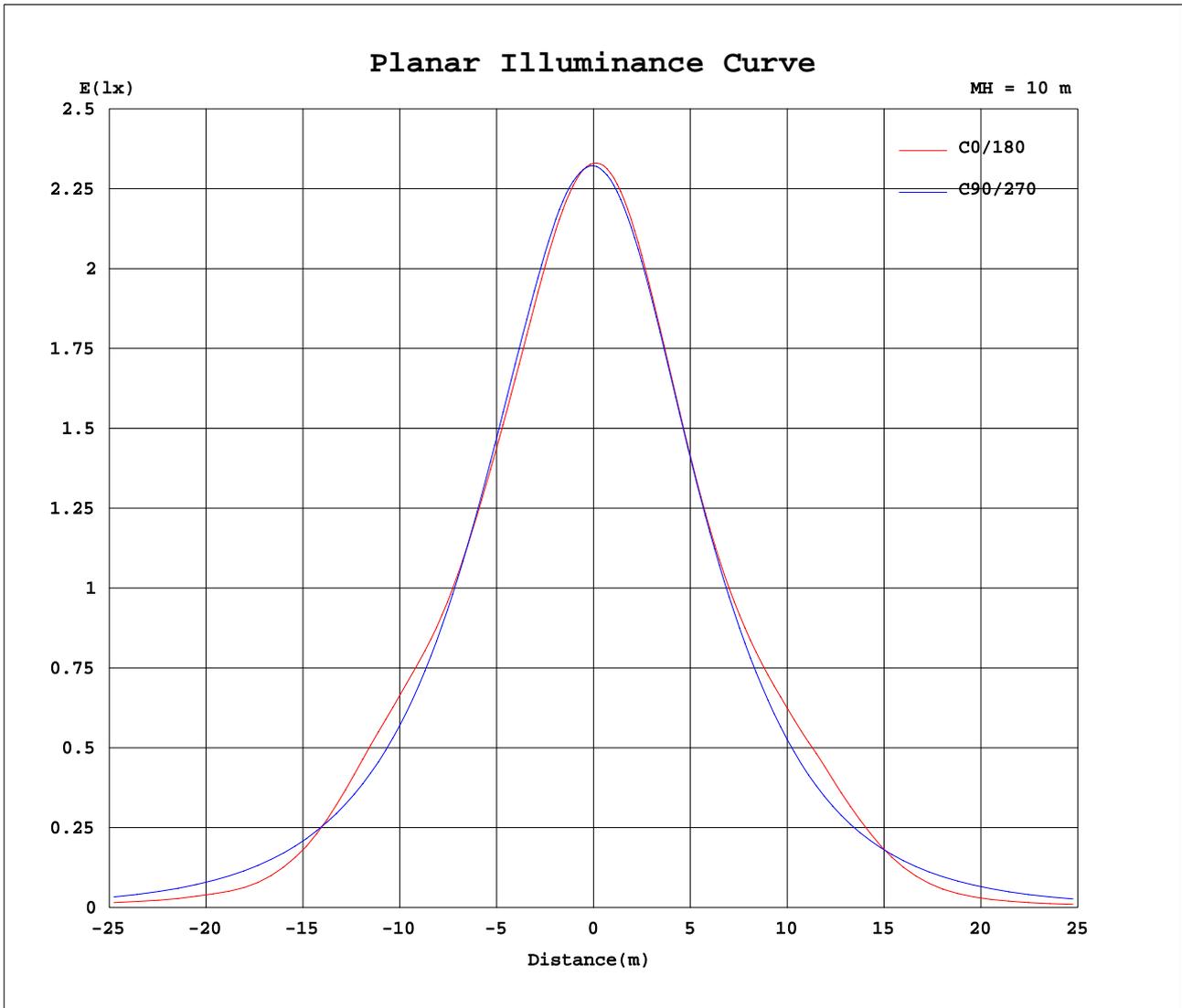
AvgL	cd/m2
L_0~180(65)av	765
L_0~180(75)av	816
L_0~180(85)av	650
L_90~270(65)av	1728
L_90~270(75)av	959
L_90~270(85)av	0
L_45(65)av	1583
L_45(75)av	369
L_45(85)av	184

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Q
Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Q
Test Date: 2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	233	233	233	232	232	232	232	232	232	232	232	232	232	232	232	232	232	232	233
5	231	230	230	230	230	231	231	231	231	231	232	232	232	232	232	232	232	232	233
10	226	225	225	226	226	227	227	228	228	229	229	229	229	229	229	229	228	228	229
15	218	218	219	219	220	221	221	222	223	223	224	224	224	224	223	222	221	220	222
20	211	211	211	211	211	212	213	214	215	216	217	217	216	215	213	213	211	210	212
25	203	203	203	202	202	202	203	205	207	208	209	208	206	204	202	201	200	199	201
30	196	196	195	193	192	191	192	195	197	199	199	197	194	191	189	189	188	187	190
35	190	189	187	184	181	180	180	182	185	188	188	185	181	178	177	178	178	179	182
40	187	185	181	176	171	168	166	168	172	175	175	171	166	164	165	169	172	174	178
45	188	186	179	170	161	156	152	153	157	161	160	155	150	151	157	165	170	172	177
50	175	176	174	167	154	144	138	137	141	146	144	137	134	142	152	161	164	164	167
55	123	129	138	150	151	135	123	119	122	128	124	117	120	134	143	140	128	125	123
60	63.2	67.7	76.3	95.7	120	129	109	99.2	99.4	106	99.7	94.8	105	118	106	85.7	67.6	61.9	61.0
65	37.9	39.1	40.3	47.1	64.3	95.2	98.7	79.3	74.7	80.3	72.4	73.2	86.3	76.9	50.9	35.9	28.5	27.1	26.7
70	28.1	27.7	25.7	25.0	26.9	40.5	65.5	60.5	49.9	52.9	45.9	52.9	52.7	33.2	21.7	19.1	19.5	20.1	19.9
75	23.9	22.5	17.8	12.5	10.6	13.2	24.1	36.6	27.7	28.5	25.1	31.3	21.1	11.8	9.21	10.4	14.6	18.4	18.3
80	13.5	13.8	13.3	11.5	6.75	5.11	7.21	14.3	11.6	10.8	10.5	12.8	6.74	3.76	4.24	8.80	12.9	15.1	14.5
85	5.63	5.64	5.08	4.86	3.84	1.01	0.39	2.31	1.18	0.00	0.64	2.04	0.65	0.83	3.01	5.28	6.69	6.45	5.69
90	0.10	0.26	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.80	0.87	0.39	0.00
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	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	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
125	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
130	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
135	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
140	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
145	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
150	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
155	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
160	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
165	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
170	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
175	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
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: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.68V I:0.0713A P:8.0724W PF:0.9456 Freq:59.98Hz Lamp Flux:605.363x1 lm		
NAME: 2835-72D-120V-3000K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	233	233	232	232	232	232	232	232	232	232	232	232	232	232	232	232	232		
5	232	232	232	232	231	231	231	231	230	230	230	230	230	230	230	230	230		
10	229	228	228	228	228	227	227	227	226	226	226	225	225	225	225	225	225		
15	221	221	221	221	221	221	221	221	220	220	219	218	218	218	217	218	218		
20	211	211	211	212	212	212	212	212	211	210	209	209	209	209	209	209	210		
25	200	200	199	199	200	201	201	201	200	199	198	198	197	198	200	201	202		
30	189	188	186	186	186	187	189	190	189	188	186	185	185	188	190	193	195		
35	180	177	174	171	170	173	176	178	177	175	172	171	172	176	181	185	188		
40	176	171	164	158	155	157	161	165	164	161	158	158	160	165	172	179	184		
45	174	168	159	149	141	140	144	149	149	146	142	144	149	156	166	178	185		
50	165	161	153	142	130	123	125	131	131	127	125	129	136	149	163	171	173		
55	123	127	132	130	119	106	103	110	111	107	106	113	127	143	141	132	124		
60	61.2	68.6	80.2	97.5	101	89.0	80.4	86.6	89.4	84.9	86.1	98.6	115	106	85.1	72.0	64.3		
65	26.4	28.5	33.7	47.9	66.4	70.2	58.8	61.1	65.7	62.1	67.5	85.0	75.5	53.9	41.3	38.4	37.9		
70	19.2	17.6	17.1	19.8	29.5	44.1	40.0	37.4	41.8	40.4	49.3	50.1	30.0	22.1	21.0	23.6	26.9		
75	16.3	11.7	8.11	7.50	10.2	18.7	22.6	19.0	21.1	21.8	27.0	18.4	10.4	9.01	11.2	17.1	22.7		
80	13.3	10.4	6.27	3.12	3.12	6.21	9.05	6.79	6.86	8.36	9.41	5.31	3.78	5.80	10.2	12.3	13.4		
85	5.52	5.32	3.69	1.61	0.11	0.16	0.53	0.00	0.00	0.00	0.38	0.00	0.27	2.86	3.95	4.82	5.71		
90	0.00	0.36	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.35		
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		
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		
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		
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	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00		
120	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		
125	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		
130	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		
135	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		
140	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		
145	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		
150	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		
155	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		
160	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		
165	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		
170	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		
175	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		
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		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks: