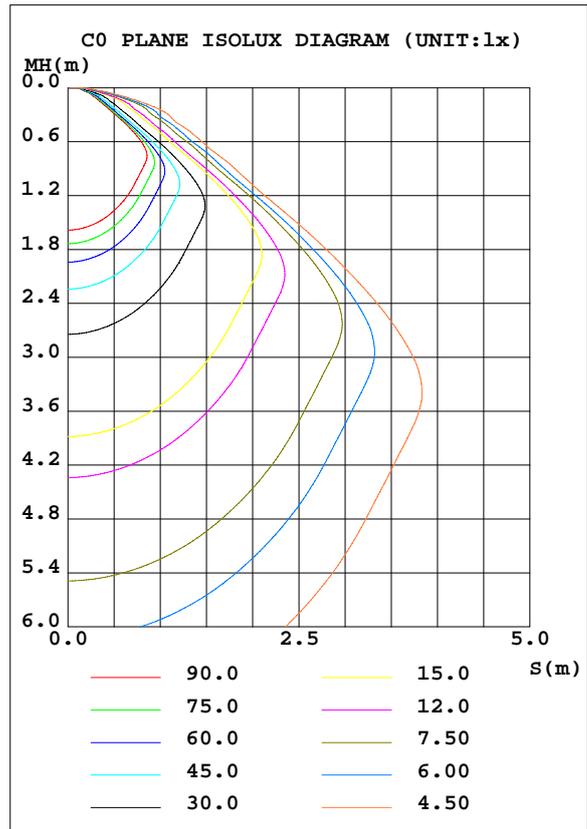
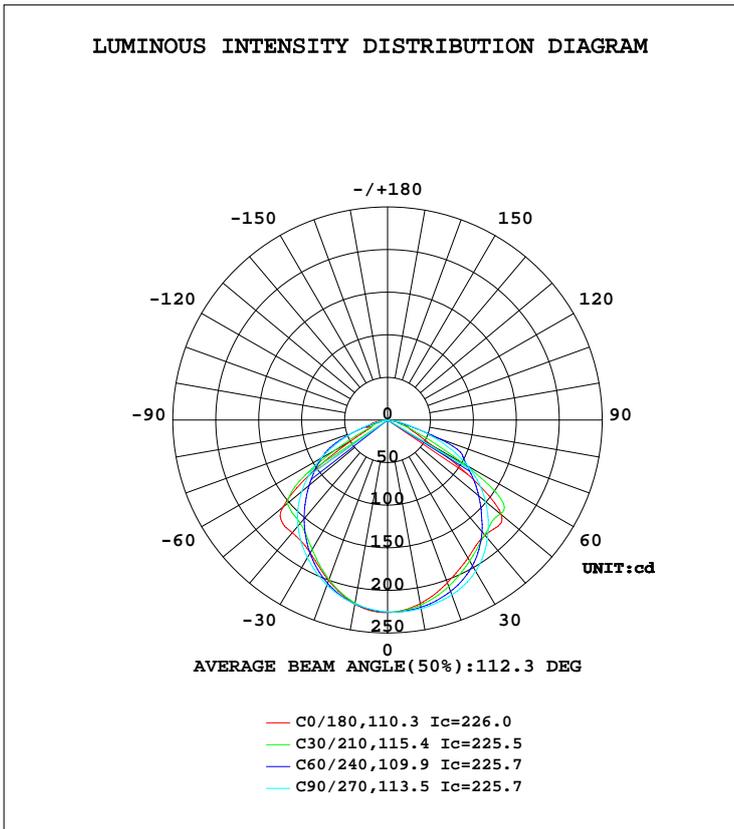


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	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				Eff: 73.51 lm/W
MODEL	2700K	I _{max} (cd)	226.0	S/MH(C0/180)	1.20	
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	1.24	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	593.45	η UP, DN(C0-180)	0.0,52.2	
NOMINAL FLUX(lm)	593.447	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,47.8	
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	218.8	221.9	224.7	221.6	219.3	218.4	219.1	218.0	0- 10	21.26	21.26	3.58,3.58
20	203.3	211.2	218.4	208.3	200.3	200.7	206.2	202.3	10- 20	60.41	81.66	13.8,13.8
30	187.1	193.8	205.1	187.7	180.2	175.7	186.6	180.5	20- 30	90.87	172.5	29.1,29.1
40	176.6	172.4	181.0	165.0	172.7	150.3	162.4	157.2	30- 40	110.8	283.3	47.7,47.7
50	172.9	150.0	149.1	152.2	158.9	134.4	130.4	137.1	40- 50	122.1	405.5	68.3,68.3
60	59.99	128.3	107.9	110.4	49.64	95.73	89.06	108.7	50- 60	108.7	514.1	86.6,86.6
70	25.73	33.19	53.76	26.77	24.99	23.57	41.79	24.83	60- 70	55.95	570.1	96.1,96.1
80	12.01	5.456	10.51	4.258	13.99	2.875	6.943	3.605	70- 80	19.98	590.1	99.4,99.4
90	0.0053	0	0	0.1555	0	0	0	0	80- 90	3.380	593.4	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0026	593.4	100,100
110	0	0	0	0	0	0	0	0	100-110	0	593.4	100,100
120	0	0	0	0	0	0	0	0	110-120	0	593.4	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0011	593.4	100,100
140	0	0	0	0	0	0	0	0	130-140	0	593.4	100,100
150	0	0	0	0	0	0	0	0	140-150	0	593.4	100,100
160	0	0	0	0	0	0	0	0	150-160	0	593.4	100,100
170	0	0	0	0	0	0	0	0	160-170	0	593.4	100,100
180	0	0	0	0	0	0	0	0	170-180	0	593.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 343.48 lm

%lum = 57.9%
 %lamp = 57.9%

Conical surface Flux(120deg): 514.13 lm

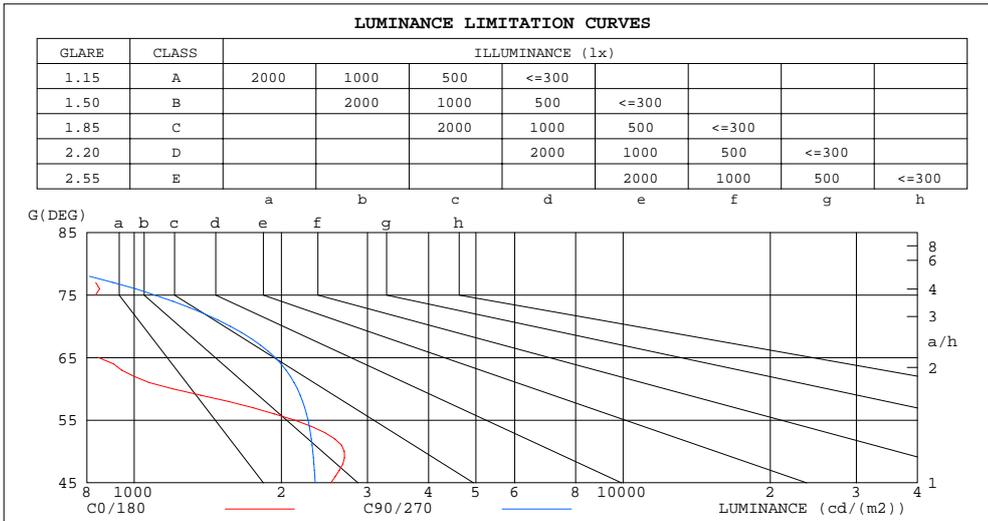
%lum = 86.6%
 %lamp = 86.6%

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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	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	545	0
80	692	605
75	834	1100
70	752	1572
65	845	1943
60	1200	2157
55	2129	2268
50	2690	2319
45	2526	2345

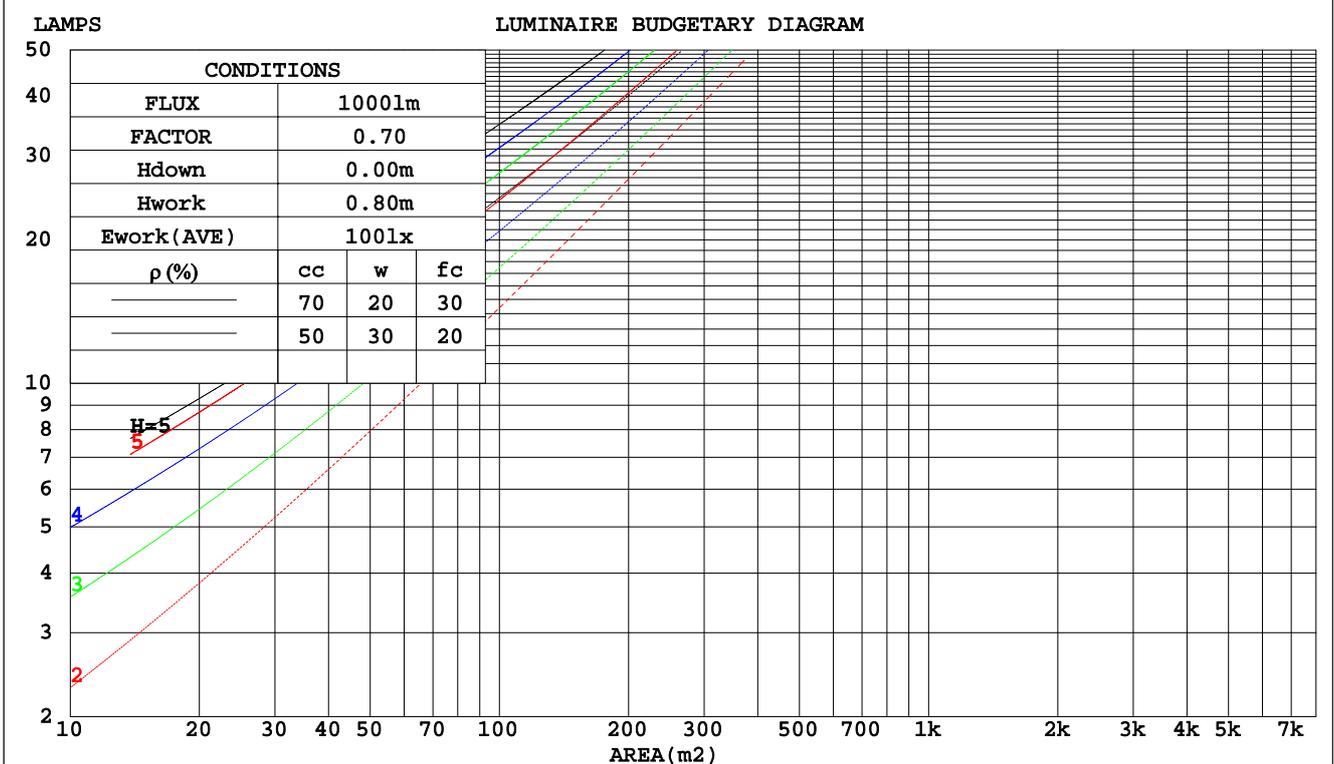
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Q
 Test Date:2024-04-15

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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	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																
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	.97	.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	.65	.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	.44	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.34	.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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	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	.273	.155	.049	.266	.152	.048	.253	.145	.046	.241	.139	.045	.230	.133	.043	
2.0	.266	.146	.045	.259	.143	.044	.248	.138	.043	.237	.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	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.088	.025	.172	.086	.025	.167	.085	.024	.162	.083	.024	
9.0	.170	.082	.023	.168	.082	.023	.162	.080	.023	.158	.079	.023	.153	.078	.022	
10.0	.161	.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	.048	.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	.115	.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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm										
NAME: 2835-72D-120V-2700K					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	17.6	19.0	17.8	19.2	19.4	17.8	19.3	18.1	19.5	19.7
3H	17.7	19.1	18.0	19.3	19.5	19.0	20.3	19.3	20.6	20.8
4H	17.9	19.1	18.2	19.4	19.6	19.2	20.5	19.6	20.8	21.0
6H	18.0	19.2	18.3	19.5	19.7	19.3	20.5	19.6	20.8	21.0
8H	18.0	19.2	18.4	19.4	19.7	19.3	20.4	19.6	20.7	21.0
12H	18.0	19.1	18.4	19.4	19.7	19.2	20.3	19.6	20.6	20.9
4H 2H	18.1	19.4	18.5	19.7	19.9	18.5	19.8	18.8	20.0	20.3
3H	18.3	19.4	18.7	19.7	20.0	19.8	20.9	20.1	21.2	21.5
4H	18.5	19.5	18.9	19.8	20.1	20.1	21.1	20.5	21.4	21.8
6H	18.7	19.6	19.1	19.9	20.3	20.2	21.1	20.6	21.5	21.8
8H	18.8	19.6	19.2	19.9	20.3	20.2	21.0	20.6	21.4	21.8
12H	18.8	19.5	19.2	19.9	20.3	20.2	20.9	20.6	21.3	21.7
8H 4H	18.5	19.3	18.9	19.7	20.1	20.0	20.9	20.5	21.2	21.6
6H	18.8	19.5	19.2	19.9	20.3	20.2	20.9	20.6	21.3	21.7
8H	18.9	19.5	19.4	19.9	20.4	20.2	20.8	20.7	21.2	21.7
12H	19.0	19.5	19.5	19.9	20.4	20.2	20.7	20.6	21.1	21.6
12H 4H	18.5	19.2	18.9	19.6	20.0	20.0	20.8	20.4	21.1	21.5
6H	18.8	19.4	19.2	19.8	20.2	20.2	20.8	20.6	21.2	21.6
8H	18.9	19.4	19.4	19.8	20.3	20.2	20.7	20.7	21.1	21.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				
1.5H	+ 1.4 / - 1.9					+ 0.3 / - 0.4				
2.0H	+ 1.5 / - 2.7					+ 0.7 / - 0.6				

CIE Pub.117, 593.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.8)
 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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

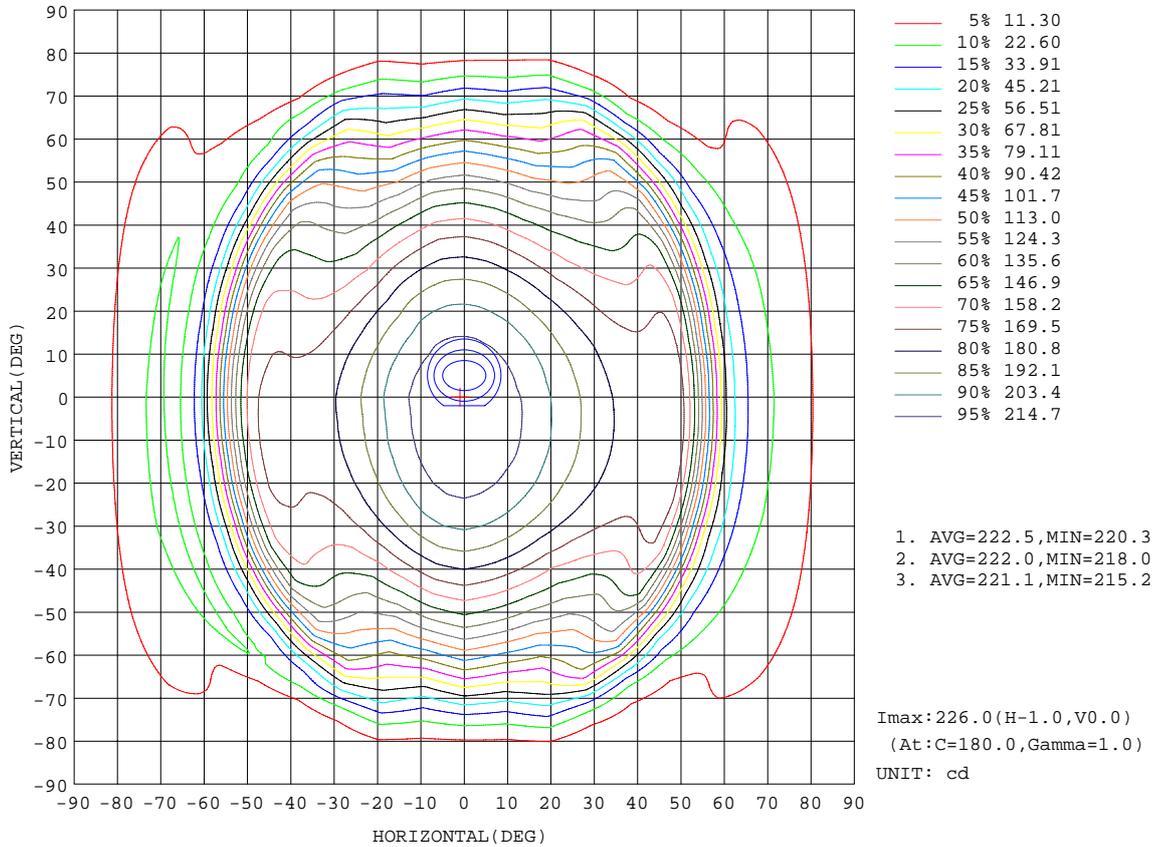
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	58	47	40	57	46	40	33
0.80	69	58	51	68	58	51	67	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	89	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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

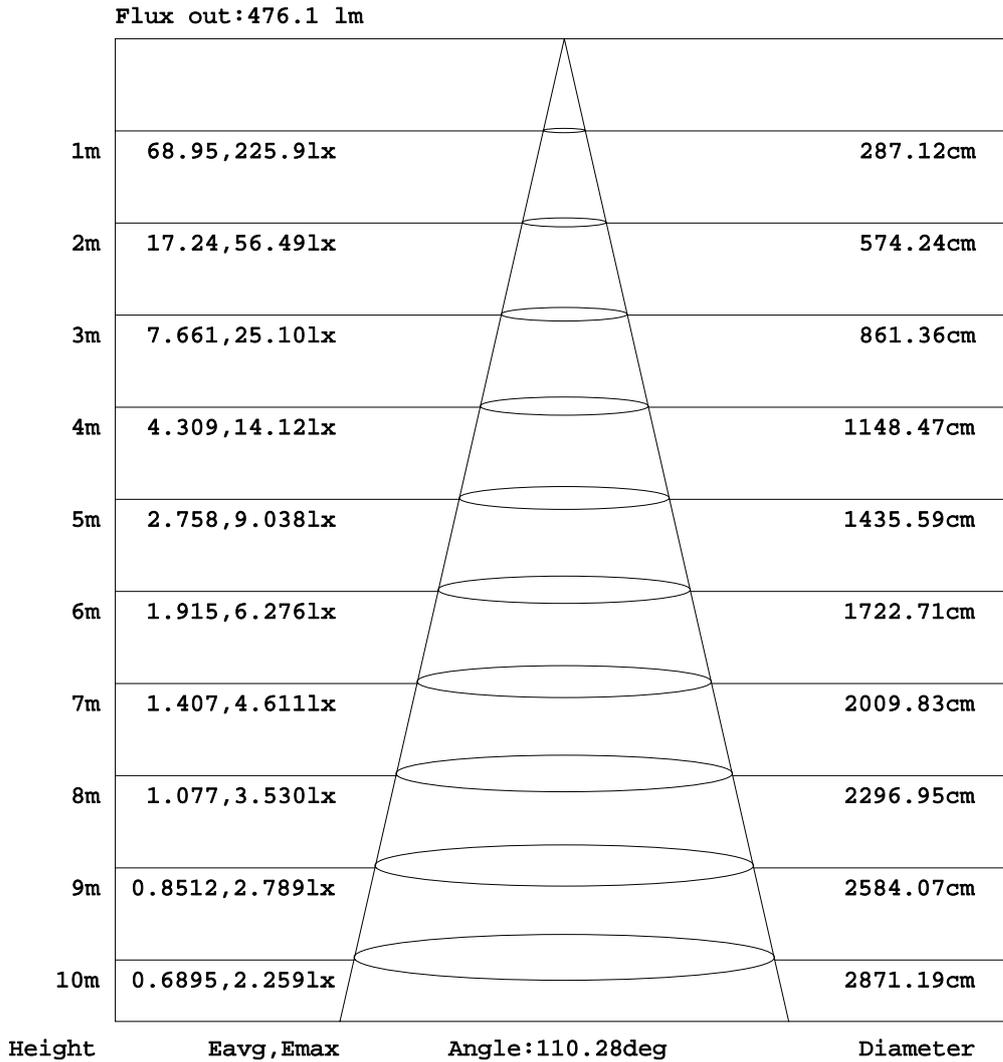


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Q
 Test Date: 2024-04-15

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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:



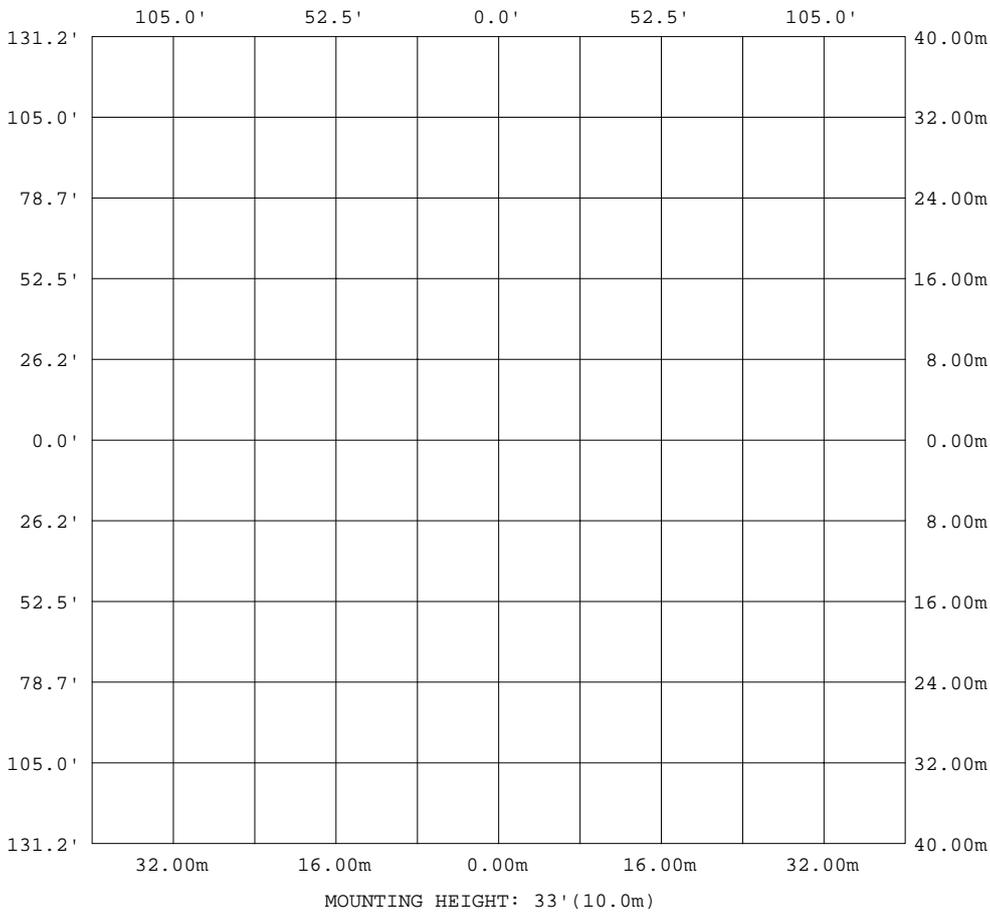
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	TYPE:LED Strip Light	WEIGHT:
SPEC.:600MM*12MM	DIM.: 600MM*12MM	SERIAL No.:
MFR.: ESTAR	SUR.:600MM*12MM	Shielding Angle:

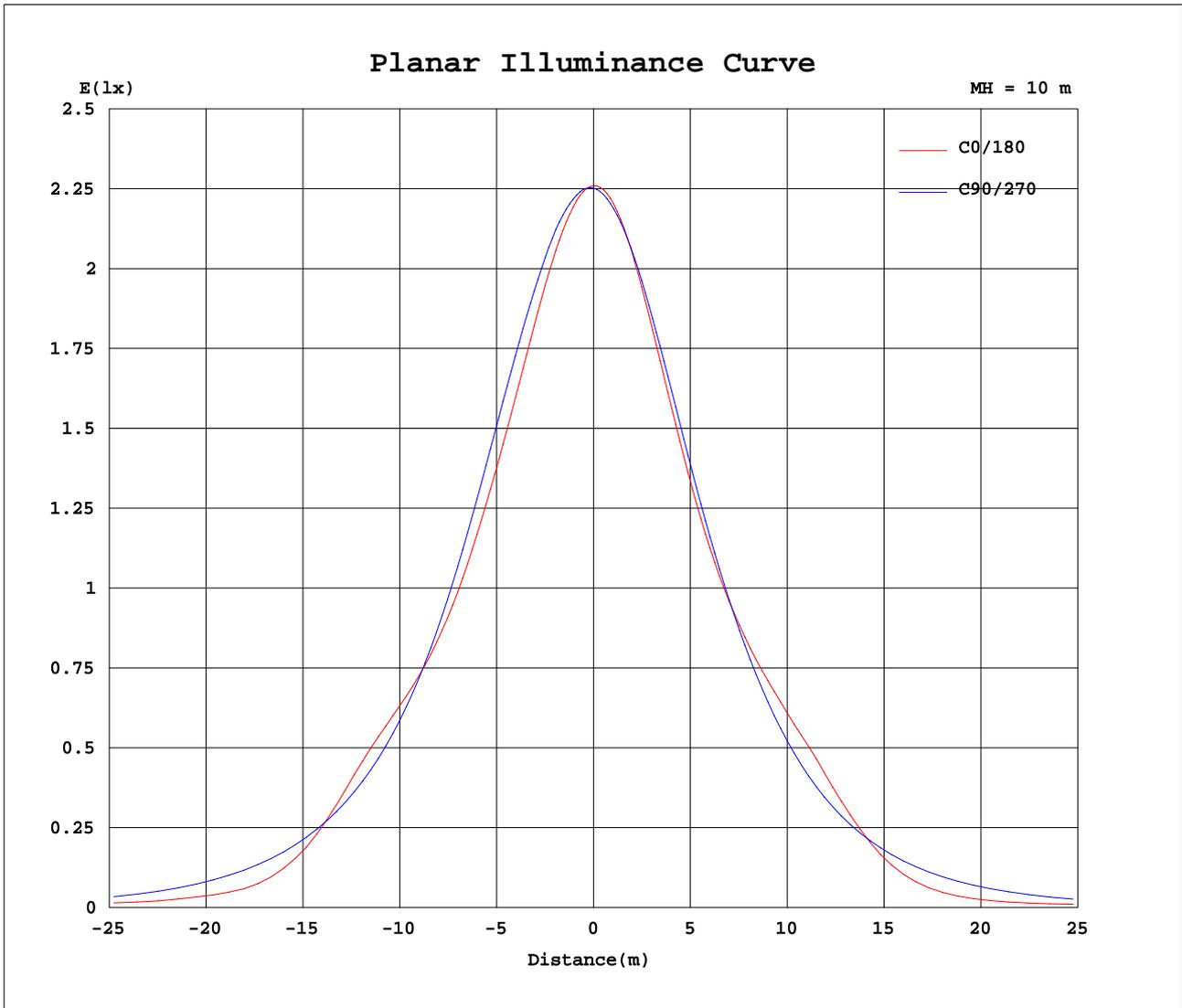
AvgL	cd/m2
L_0~180(65)av	701
L_0~180(75)av	818
L_0~180(85)av	500
L_90~270(65)av	1746
L_90~270(75)av	962
L_90~270(85)av	0
L_45(65)av	1513
L_45(75)av	332
L_45(85)av	173

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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	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	226	226	226	226	225	225	225	225	225	225	225	225	225	225	225	225	225	225	225	226
5	224	224	224	224	225	225	225	225	225	226	226	225	225	225	225	224	224	224	225	
10	219	219	220	221	221	222	223	224	224	225	225	224	223	222	221	220	219	219	219	
15	212	213	214	215	217	219	219	221	222	222	222	221	219	217	215	213	211	211	211	
20	203	204	206	208	210	212	214	216	218	218	218	216	213	210	207	204	202	200	200	
25	195	196	198	200	202	205	207	210	212	213	212	210	205	201	197	194	191	190	190	
30	187	188	190	191	193	195	198	201	203	205	204	200	195	190	186	183	182	180	180	
35	180	181	182	183	183	184	186	189	192	194	193	188	182	177	175	174	175	175	174	
40	177	178	177	176	173	171	171	175	178	181	179	172	166	164	166	169	172	173	173	
45	179	179	177	171	164	158	155	158	162	166	162	155	150	153	161	169	172	173	172	
50	173	177	179	172	156	144	139	140	145	149	144	136	134	145	159	167	166	161	159	
55	122	131	146	161	157	134	122	120	125	130	123	115	122	139	148	139	121	111	108	
60	60.0	66.4	78.5	101	127	129	107	98.6	102	108	97.8	93.6	108	120	101	77.2	58.9	50.8	49.6	
65	35.7	38.2	40.5	47.8	65.2	96.2	96.0	76.7	76.2	82.1	70.5	73.6	88.2	71.8	44.2	31.4	25.9	24.2	23.5	
70	25.7	26.4	25.3	24.7	26.1	40.3	64.7	57.8	50.1	53.8	44.5	54.3	51.4	31.1	22.5	22.4	24.6	25.7	25.0	
75	21.6	21.3	17.5	12.1	9.86	12.4	23.6	34.9	27.0	28.5	24.2	31.0	19.0	10.6	8.98	11.5	17.3	21.1	20.8	
80	12.0	12.8	13.1	11.1	6.31	4.60	6.57	13.5	10.6	10.5	10.0	12.1	5.92	3.52	5.00	10.4	13.8	14.6	14.0	
85	4.75	5.16	5.05	4.64	3.32	0.66	0.01	1.81	0.57	0.00	0.71	1.78	0.37	1.04	3.70	5.76	5.73	4.46	3.97	
90	0.01	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.79	0.01	0.00	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	0.13	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:119.71V I:0.0713A P:8.0727W PF:0.9462 Freq:59.98Hz Lamp Flux:593.447x1 lm		
NAME: 2835-72D-120V-2700K	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	226	226	226	225	225	225	225	225	225	225	225	225	225	225	225	225	225		
5	224	224	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223		
10	219	218	218	218	218	219	219	219	219	219	219	219	218	218	218	218	218		
15	210	210	210	210	211	213	213	214	214	213	212	212	211	211	211	211	211		
20	200	199	199	200	201	204	205	206	206	206	204	204	203	202	202	202	202		
25	189	188	187	188	189	193	195	197	197	196	195	193	192	192	192	193	194		
30	179	177	176	175	176	180	184	186	187	185	183	181	180	181	182	184	185		
35	172	169	165	163	162	166	171	175	175	173	170	168	168	170	172	175	178		
40	170	165	158	152	149	151	156	162	162	160	156	155	155	159	164	169	174		
45	170	164	156	146	137	135	139	146	148	145	141	140	144	150	158	168	175		
50	158	157	152	141	128	119	120	128	130	127	123	125	131	143	158	167	170		
55	109	116	125	129	118	104	99.1	107	111	107	104	109	122	140	142	132	122		
60	50.1	57.7	70.9	91.0	100	88.6	77.4	83.3	89.1	84.4	83.2	94.5	112	106	85.5	69.7	60.6		
65	23.2	24.7	28.9	41.7	61.8	70.2	57.1	58.1	65.4	61.1	64.2	81.6	75.1	52.4	39.7	36.0	34.8		
70	23.4	20.6	18.7	19.6	27.5	42.3	39.4	35.3	41.8	39.1	46.5	48.9	29.2	20.4	19.2	20.9	23.6		
75	18.4	13.4	8.18	6.88	8.78	16.9	22.1	17.9	21.3	20.8	25.5	17.9	9.18	7.61	9.51	14.5	19.3		
80	13.1	11.3	7.29	3.12	2.63	5.32	8.56	6.28	6.94	7.64	8.87	4.62	2.77	4.44	8.80	11.0	11.5		
85	4.12	4.99	4.07	1.97	0.00	0.00	0.32	0.00	0.00	0.00	0.19	0.00	0.00	2.06	3.22	3.87	4.38		
90	0.00	0.03	0.29	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		
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: