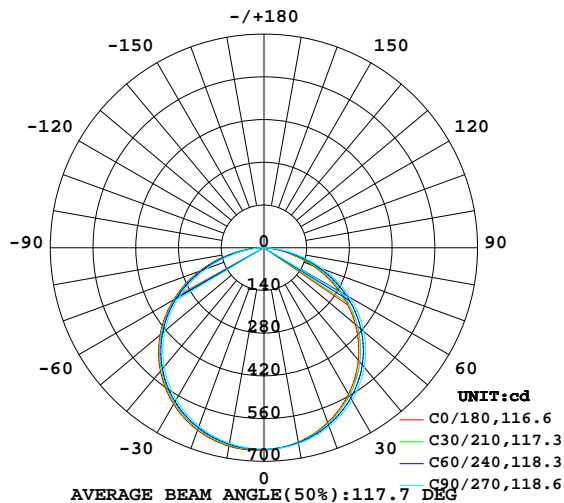


LUMINAIRE PHOTOMETRIC TEST REPORT

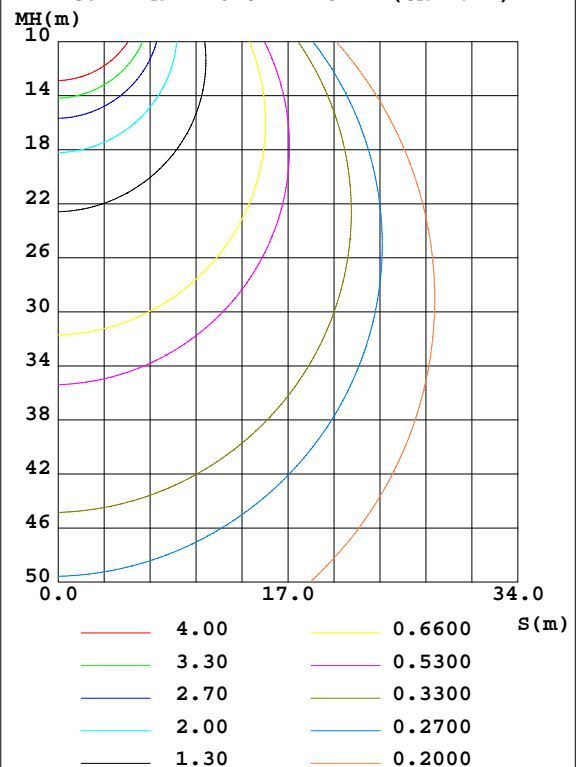
Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.90 lm/W			
2835 160LED	24(WCP)-HR-S-CV-HE	Imax(cd)	665.8	S/MH(C0/180)	1.32
NOMINAL POWER(W)	14.4	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	2026.0	η UP,DN(C0-180)	0.7,49.2
NOMINAL FLUX(lm)	2026.05	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,49.4
LAMPS INSIDE	1	η up(%)	1.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	DC 24	η down(%)	98.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

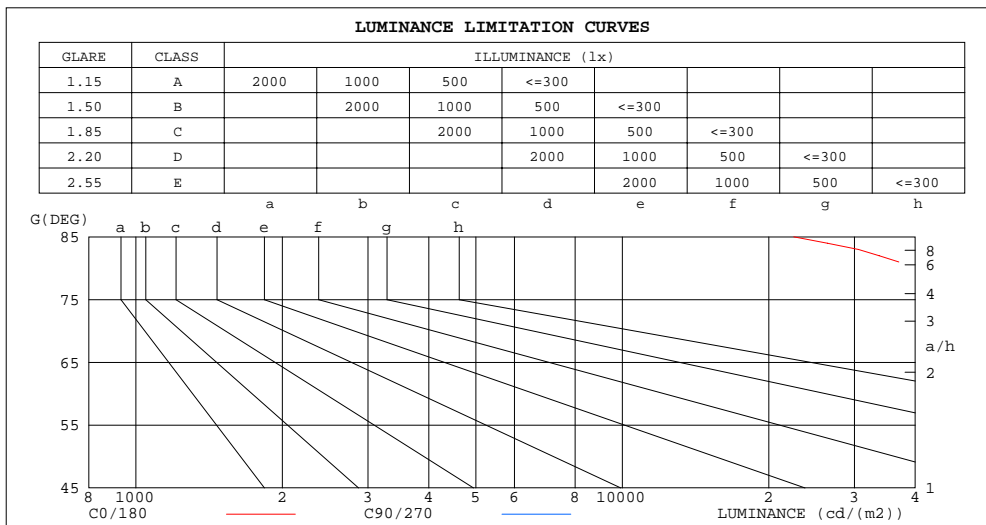
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	646.6	648.2	651.3	657.8	660.3	655.4	650.8	649.4	0- 10	62.73	62.73	3.1,3.1
20	609.7	615.7	623.3	632.5	636.3	630.0	622.5	616.1	10- 20	180.8	243.5	12,12
30	554.3	564.5	576.6	587.8	592.2	585.1	575.3	563.3	20- 30	277.3	520.8	25.7,25.7
40	480.9	494.7	511.1	523.4	528.0	520.5	509.4	489.1	30- 40	340.1	860.9	42.5,42.5
50	390.8	407.5	426.9	440.2	444.5	436.5	424.4	401.5	40- 50	359.9	1221	60.3,60.3
60	285.3	303.4	324.4	338.3	343.0	334.2	320.1	297.9	50- 60	332.2	1553	76.7,76.7
70	168.4	185.5	206.3	219.9	225.9	216.5	200.2	181.3	60- 70	257.7	1811	89.4,89.4
80	55.69	68.21	84.54	96.05	102.6	93.88	77.50	65.42	70- 80	147.5	1958	96.7,96.7
90	2.746	4.168	4.495	9.551	10.37	8.017	3.457	3.376	80- 90	39.67	1998	98.6,98.6
100	2.392	2.435	2.541	3.787	2.351	2.316	2.511	2.569	90-100	3.466	2001	98.8,98.8
110	3.223	3.254	3.299	3.370	2.859	3.095	3.350	3.413	100-110	3.083	2004	98.9,98.9
120	4.071	4.077	4.151	3.921	3.694	3.926	4.222	4.256	110-120	3.616	2008	99.1,99.1
130	4.924	4.942	5.005	4.761	4.524	4.772	5.067	5.105	120-130	4.003	2012	99.3,99.3
140	5.761	5.791	5.836	5.606	5.381	5.617	5.901	5.921	130-140	4.113	2016	99.5,99.5
150	6.530	6.554	6.642	6.412	6.215	6.394	6.642	6.682	140-150	3.847	2020	99.7,99.7
160	7.255	7.221	7.287	7.152	7.017	7.089	7.288	7.339	150-160	3.173	2023	99.9,99.9
170	7.823	7.745	7.804	7.783	7.704	7.680	7.805	7.861	160-170	2.120	2025	100,100
180	8.101	8.022	8.093	8.133	8.095	8.025	8.089	8.148	170-180	0.7556	2026	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	22518	50685
80	40086	60857
75	52878	69723
70	61552	75415
65	67373	78959
60	71317	81088
55	74068	82351
50	76002	83009
45	77394	83301

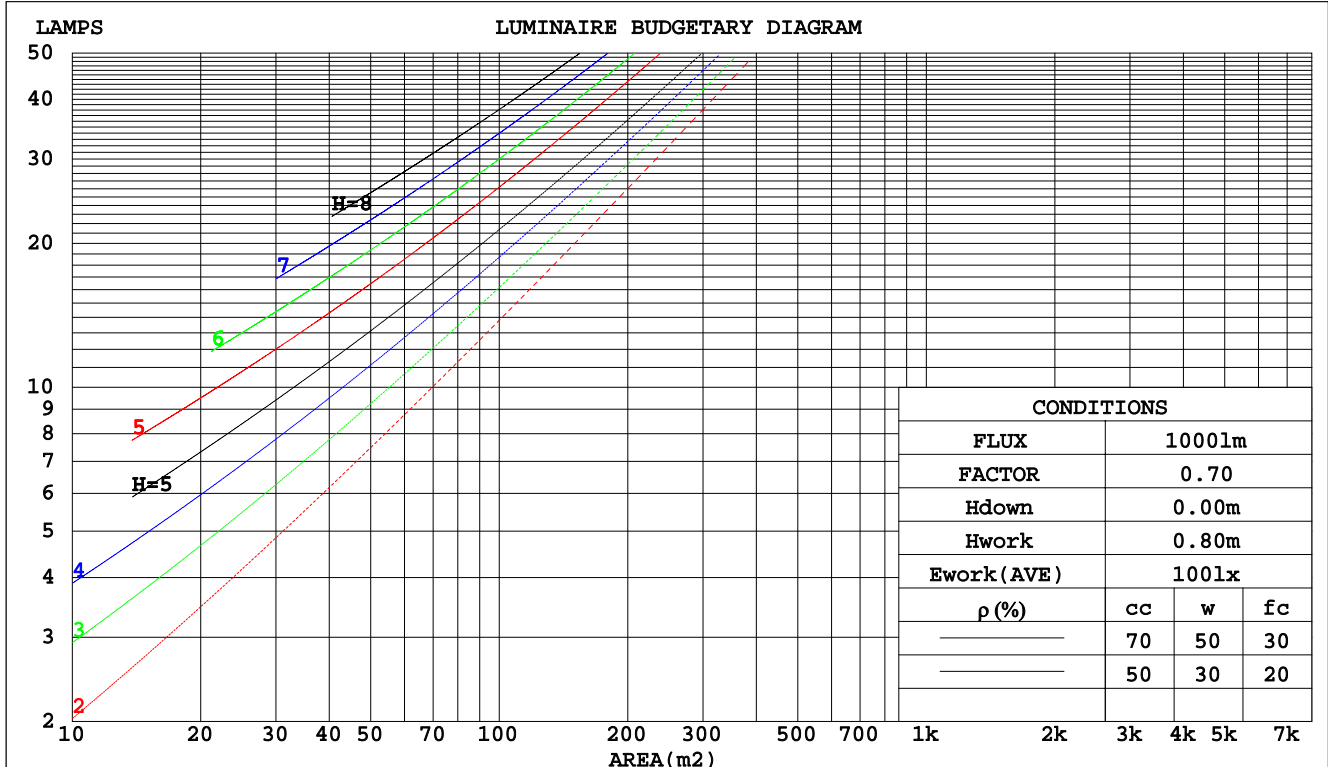
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.63	.56	.51	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.46	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.315	.179	.057	.307	.175	.056	.293	.168	.054	.280	.161	.052	.268	.155	.050		
2.0	.296	.162	.050	.289	.159	.049	.277	.154	.048	.265	.149	.047	.254	.144	.045		
3.0	.273	.145	.044	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.038	.228	.122	.037	.219	.119	.036		
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033		
6.0	.216	.108	.031	.211	.107	.031	.204	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.091	.026	.184	.090	.026	.177	.089	.025	.171	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.191	.167	.145	.164	.143	.125	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.184	.143	.108	.157	.123	.094	.108	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.176	.125	.085	.151	.108	.073	.104	.075	.051	.060	.044	.030	.019	.014	.010	
4.0	.168	.112	.069	.144	.097	.060	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.161	.102	.058	.138	.088	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.154	.093	.050	.132	.081	.043	.091	.057	.031	.053	.033	.018	.017	.011	.006	
7.0	.147	.086	.044	.126	.075	.038	.087	.053	.027	.051	.031	.016	.016	.010	.005	
8.0	.140	.081	.040	.121	.070	.034	.084	.049	.024	.049	.029	.015	.016	.009	.005	
9.0	.134	.076	.036	.116	.066	.031	.080	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.129	.071	.033	.111	.062	.029	.077	.044	.021	.045	.026	.012	.015	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm											
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g			
SPEC.:2835 160LED					DIM.: 1000*8*1MM			SERIAL No.:20190912005			
MFR.: EVERFINE					SUR.:1000*8mm			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	25.2	26.7	25.5	26.9	27.2	25.7	27.2	26.0	27.4	27.7	
	3H	26.6	28.0	26.9	28.2	28.5	27.3	28.7	27.6	29.0	29.2
	4H	27.1	28.4	27.4	28.7	29.0	27.9	29.3	28.3	29.5	29.8
	6H	27.3	28.6	27.7	28.9	29.2	28.3	29.6	28.7	29.9	30.2
	8H	27.4	28.6	27.7	28.9	29.2	28.5	29.7	28.8	30.0	30.3
	12H	27.4	28.5	27.7	28.8	29.2	28.5	29.7	28.9	30.0	30.4
4H	2H	25.8	27.2	26.2	27.5	27.7	26.2	27.6	26.6	27.8	28.1
	3H	27.4	28.6	27.8	28.9	29.2	28.0	29.2	28.4	29.5	29.8
	4H	28.0	29.1	28.4	29.4	29.8	28.7	29.8	29.1	30.2	30.5
	6H	28.3	29.3	28.8	29.7	30.1	29.3	30.2	29.7	30.6	31.0
	8H	28.4	29.3	28.9	29.7	30.1	29.5	30.3	29.9	30.7	31.2
	12H	28.4	29.3	28.9	29.7	30.1	29.6	30.4	30.0	30.8	31.2
8H	4H	28.3	29.1	28.7	29.5	29.9	28.9	29.8	29.4	30.2	30.6
	6H	28.7	29.5	29.2	29.9	30.3	29.6	30.3	30.1	30.8	31.2
	8H	28.9	29.5	29.3	30.0	30.4	29.8	30.5	30.3	30.9	31.4
	12H	28.9	29.5	29.4	29.9	30.5	30.0	30.6	30.5	31.0	31.6
12H	4H	28.3	29.1	28.7	29.5	29.9	28.9	29.7	29.4	30.1	30.6
	6H	28.8	29.4	29.3	29.9	30.4	29.6	30.3	30.1	30.7	31.2
	8H	28.9	29.5	29.4	30.0	30.5	29.9	30.4	30.4	30.9	31.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117, 2026 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.5$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

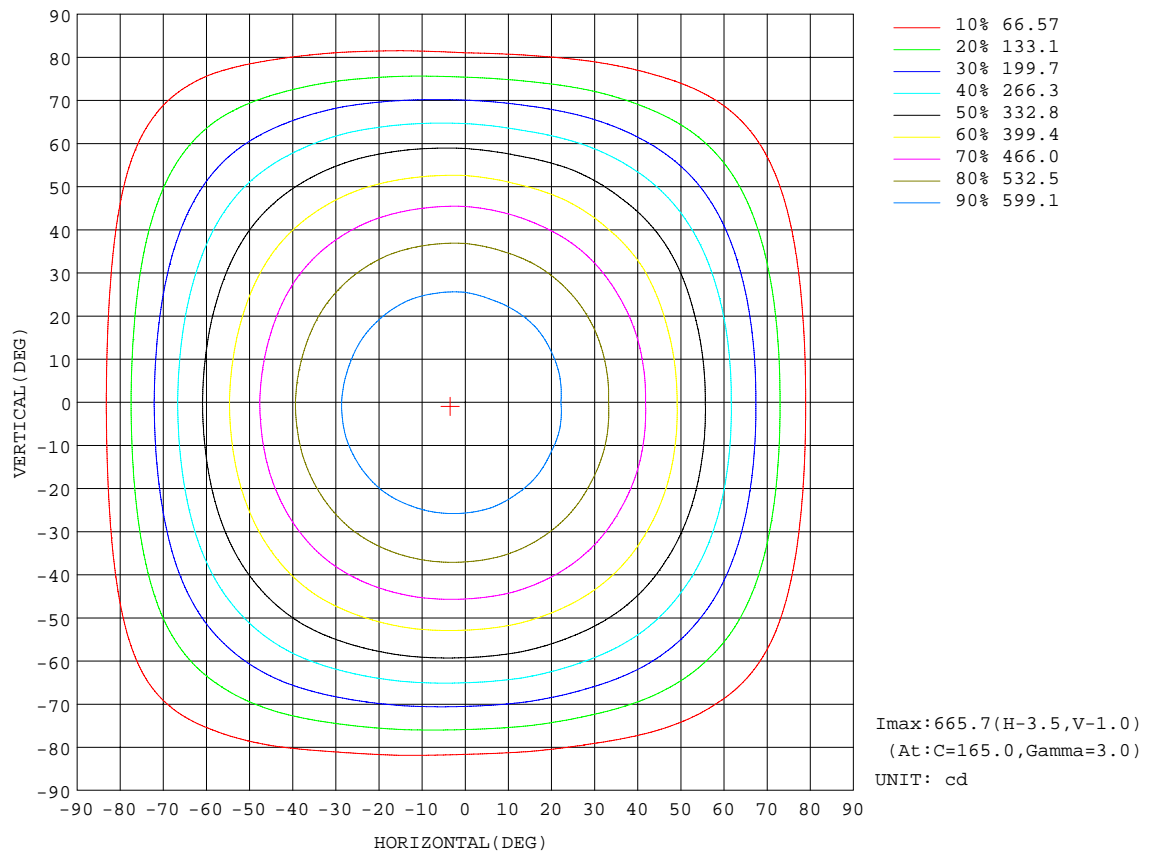
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	101	94	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
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:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



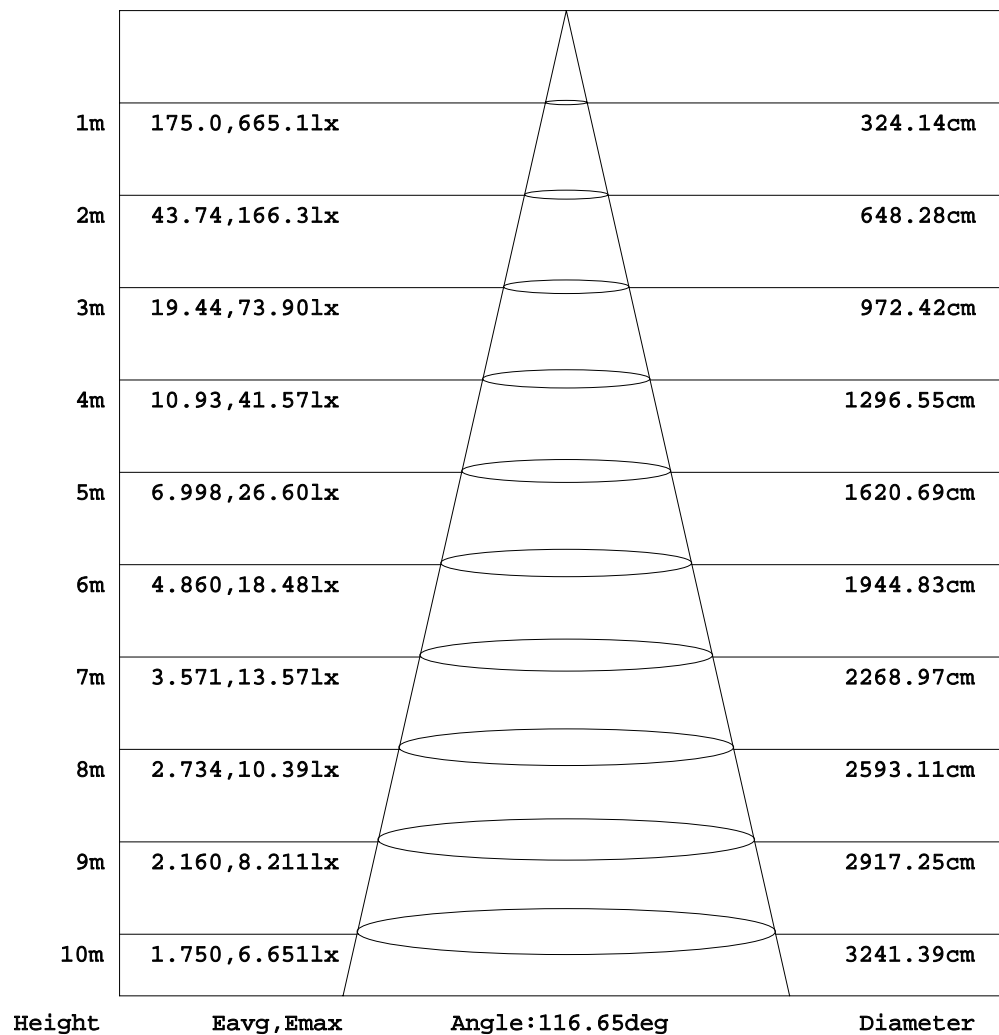
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Flux out:1522 lm



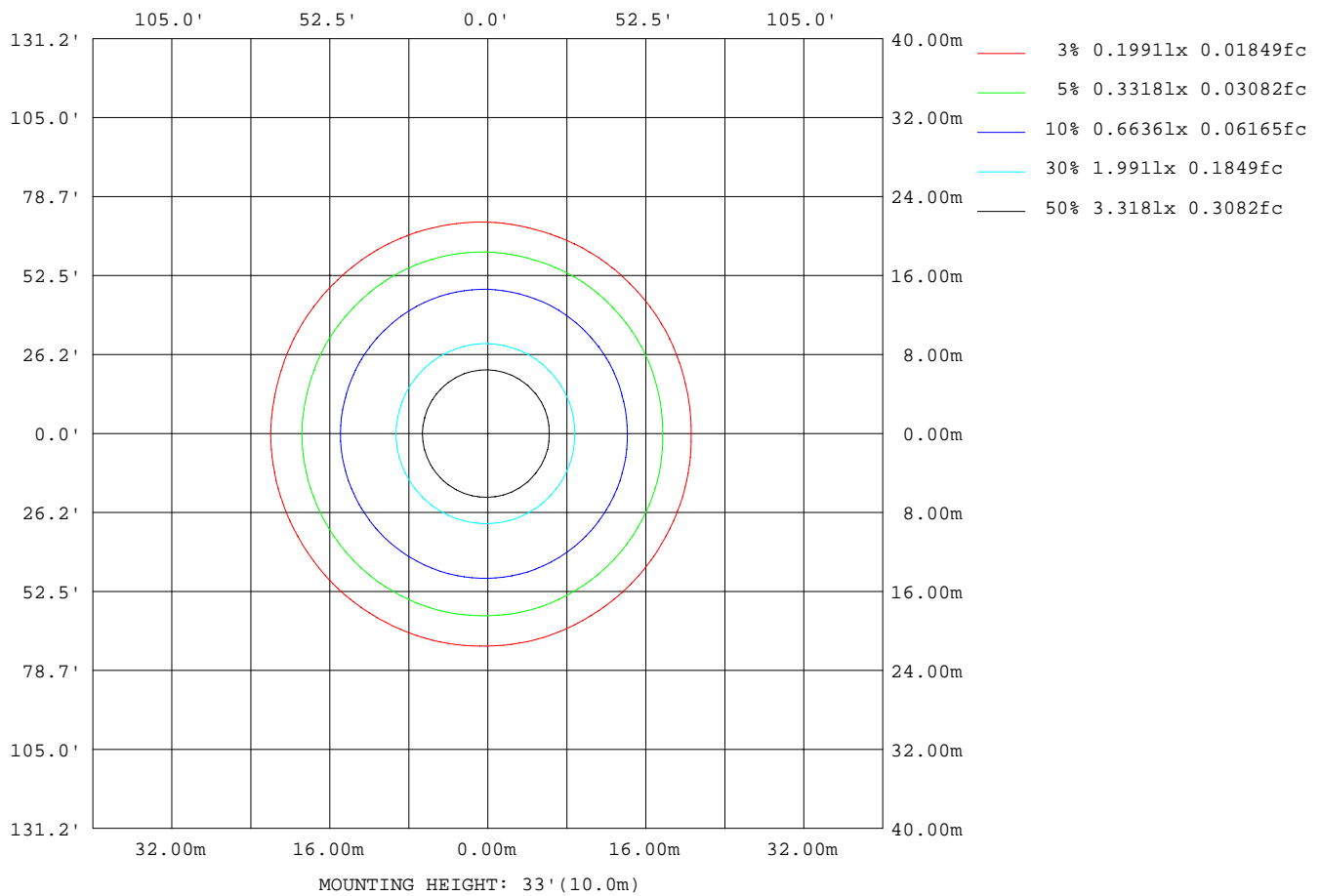
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 4.717m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

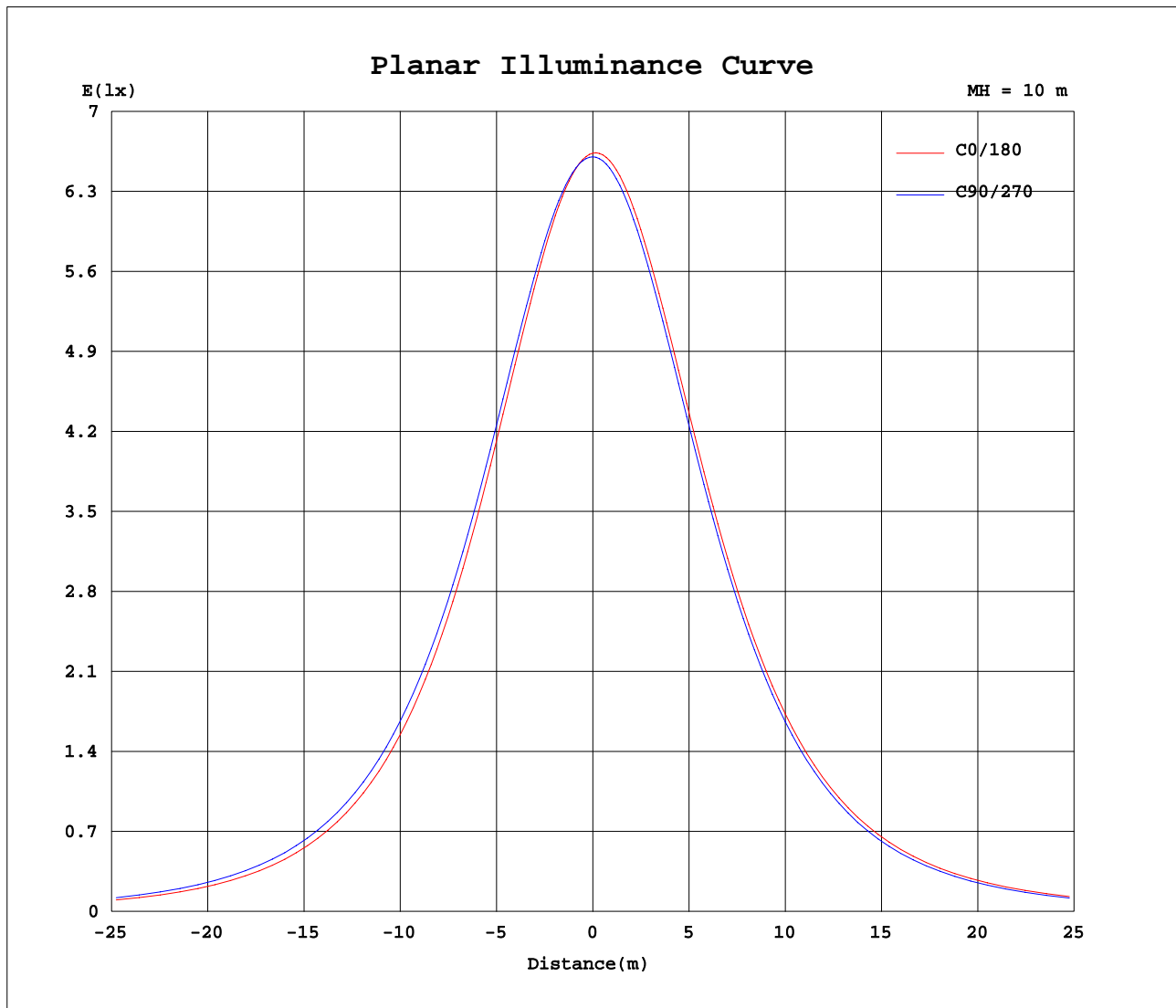
AvgL	cd/m2
L_0~180(65)av	75979
L_0~180(75)av	66036
L_0~180(85)av	45912
L_90~270(65)av	78168
L_90~270(75)av	68083
L_90~270(85)av	46107
L_45(65)av	77256
L_45(75)av	67458
L_45(85)av	47103

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2019-09-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 4.717m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	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	664	663	662	661	661	661	660	660	661	663	663	665	664	663	662	661	661	661	660
5	658	658	657	657	657	658	658	658	660	663	664	665	664	664	662	661	659	659	658
10	647	648	647	648	649	650	651	652	655	658	659	661	660	659	657	655	654	652	651
15	630	632	632	634	636	638	640	641	644	648	649	651	651	649	647	645	643	641	639
20	610	612	613	616	618	621	623	626	629	633	635	637	636	634	632	630	628	625	622
25	584	587	588	592	596	600	602	605	609	613	615	617	617	614	613	610	608	604	601
30	554	558	560	564	569	574	577	580	584	588	590	593	592	590	588	585	583	579	575
35	520	524	526	532	537	543	546	550	554	558	560	563	563	560	558	555	553	548	545
40	481	486	489	495	501	507	511	516	520	523	526	528	528	525	523	520	518	513	509
45	438	443	446	453	460	467	471	476	480	484	486	488	489	485	484	481	478	473	469
50	391	396	400	407	415	423	427	433	436	440	442	444	445	441	440	436	434	429	424
55	340	345	349	357	365	373	378	384	387	392	393	395	396	392	391	387	385	379	373
60	285	290	295	303	311	320	324	330	334	338	339	342	343	339	338	334	332	326	320
65	228	233	237	246	253	262	267	273	276	281	282	285	286	282	281	277	275	269	262
70	168	173	178	185	192	202	206	212	216	220	221	224	226	222	221	216	214	207	200
75	109	114	118	125	131	140	144	150	153	157	159	162	164	160	159	155	152	146	138
80	55.7	59.4	62.0	68.2	72.8	80.6	84.5	90.3	92.1	96.1	97.5	101	103	99.5	98.1	93.9	91.2	86.2	77.5
85	15.7	18.3	20.1	24.2	27.1	32.4	35.3	39.5	40.4	43.3	44.3	47.2	48.3	45.8	44.8	41.6	39.8	36.2	29.0
90	2.75	3.10	3.36	4.17	5.00	6.17	4.50	8.43	8.56	9.55	9.56	10.4	10.4	9.17	9.30	8.02	7.71	6.28	3.46
95	2.38	2.54	2.49	2.70	2.91	2.50	2.64	4.20	4.42	4.32	3.96	3.27	2.25	2.24	2.34	2.46	2.48	2.59	2.54
100	2.39	2.49	2.45	2.43	2.46	2.51	2.54	2.51	3.92	3.79	3.60	3.06	2.35	2.33	2.33	2.32	2.42	2.56	2.51
105	2.80	2.84	2.80	2.83	2.86	2.88	2.85	2.77	2.75	3.78	3.51	2.98	2.46	2.48	2.54	2.66	2.78	2.90	2.89
110	3.22	3.26	3.22	3.25	3.28	3.29	3.30	3.18	3.14	3.37	3.62	3.23	2.86	2.90	2.97	3.09	3.21	3.32	3.35
115	3.65	3.68	3.64	3.68	3.69	3.71	3.72	3.60	3.56	3.52	3.62	3.51	3.28	3.33	3.40	3.51	3.63	3.75	3.80
120	4.07	4.10	4.07	4.08	4.11	4.14	4.15	4.03	3.94	3.92	3.87	3.82	3.69	3.75	3.81	3.93	4.04	4.15	4.22
125	4.50	4.52	4.49	4.50	4.54	4.56	4.58	4.47	4.40	4.32	4.28	4.20	4.11	4.16	4.22	4.35	4.46	4.57	4.64
130	4.92	4.96	4.94	4.94	4.97	4.99	5.00	4.92	4.84	4.76	4.70	4.61	4.52	4.58	4.65	4.77	4.88	4.99	5.07
135	5.35	5.41	5.37	5.37	5.40	5.42	5.43	5.36	5.27	5.19	5.12	5.03	4.95	5.01	5.08	5.20	5.30	5.42	5.49
140	5.76	5.83	5.79	5.79	5.81	5.82	5.84	5.78	5.70	5.61	5.54	5.46	5.38	5.44	5.50	5.62	5.71	5.83	5.90
145	6.15	6.23	6.19	6.18	6.20	6.22	6.28	6.21	6.12	6.01	5.95	5.87	5.80	5.86	5.91	6.01	6.10	6.22	6.29
150	6.53	6.61	6.57	6.55	6.59	6.62	6.64	6.59	6.51	6.41	6.34	6.27	6.21	6.26	6.30	6.39	6.48	6.59	6.64
155	6.90	6.96	6.92	6.91	6.93	6.95	6.98	6.95	6.88	6.79	6.72	6.66	6.62	6.63	6.67	6.75	6.83	6.93	6.98
160	7.25	7.26	7.23	7.22	7.24	7.27	7.29	7.27	7.22	7.15	7.09	7.05	7.02	6.99	7.02	7.09	7.16	7.25	7.29
165	7.57	7.54	7.51	7.50	7.52	7.55	7.57	7.57	7.53	7.48	7.45	7.41	7.39	7.33	7.35	7.40	7.47	7.53	7.57
170	7.82	7.80	7.74	7.75	7.76	7.79	7.80	7.81	7.81	7.78	7.76	7.75	7.70	7.64	7.64	7.68	7.73	7.77	7.81
175	8.01	7.98	7.92	7.93	7.94	7.97	7.99	8.01	8.01	8.02	8.02	8.03	7.94	7.90	7.88	7.90	7.94	7.96	7.99
180	8.10	8.06	8.01	8.02	8.05	8.07	8.09	8.11	8.13	8.13	8.16	8.18	8.10	8.06	8.02	8.03	8.04	8.07	8.09

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6077A P:14.59W PF:1.000 Freq:0Hz Lamp Flux:2026.05x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 160LED	DIM.: 1000*8*1MM	SERIAL No.:20190912005
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	660	661	663	663	665														
5	656	657	659	658	659														
10	648	649	649	648	648														
15	636	635	635	633	633														
20	619	617	616	613	612														
25	597	594	592	589	587														
30	570	567	563	560	557														
35	539	535	530	526	523														
40	503	498	489	487	484														
45	462	454	447	443	438														
50	414	409	402	399	391														
55	365	361	351	347	341														
60	311	306	298	294	287														
65	253	247	241	236	230														
70	193	189	181	177	171														
75	132	128	122	118	112														
80	74.7	71.2	65.4	62.0	58.3														
85	28.4	26.1	22.3	20.4	17.4														
90	4.13	3.88	3.38	3.17	2.96														
95	2.43	2.38	2.34	2.49	2.56														
100	2.61	2.56	2.57	2.59	2.61														
105	2.99	2.99	2.99	2.98	3.03														
110	3.41	3.42	3.41	3.40	3.45														
115	3.82	3.83	3.84	3.84	3.87														
120	4.24	4.24	4.26	4.26	4.30														
125	4.65	4.66	4.68	4.69	4.72														
130	5.07	5.08	5.10	5.11	5.15														
135	5.49	5.48	5.53	5.53	5.58														
140	5.91	5.89	5.92	5.95	6.00														
145	6.30	6.28	6.31	6.33	6.41														
150	6.66	6.66	6.68	6.70	6.79														
155	7.00	7.00	7.02	7.05	7.11														
160	7.31	7.32	7.34	7.37	7.39														
165	7.59	7.60	7.62	7.65	7.67														
170	7.83	7.84	7.86	7.89	7.91														
175	8.01	8.03	8.05	8.08	8.09														
180	8.11	8.12	8.15	8.15	8.17														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks: