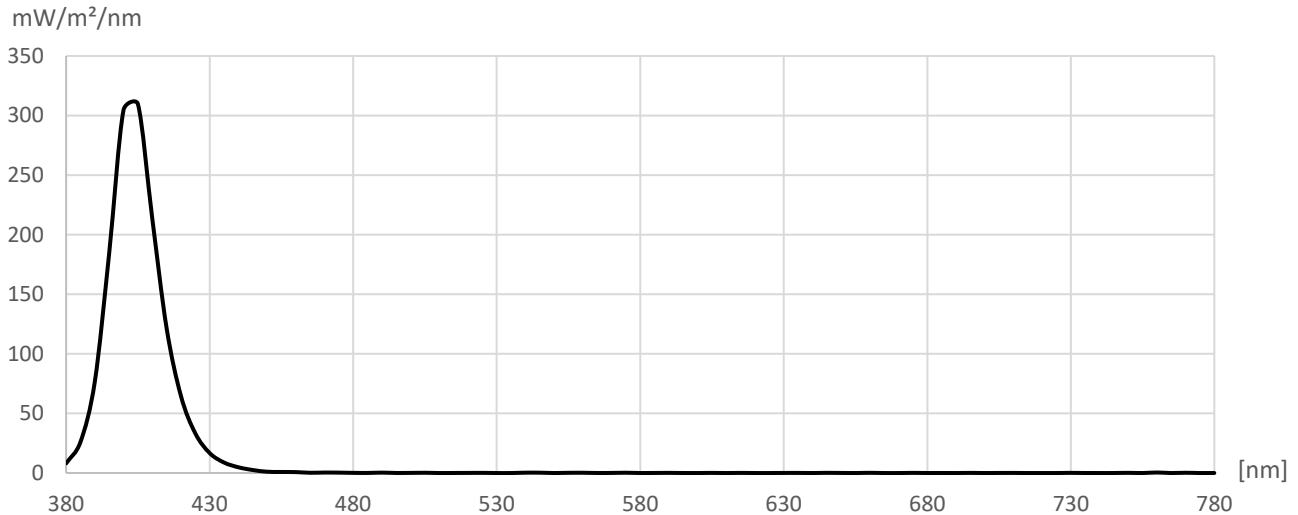


# Measurement Protocol

évoralign

Manufacturer: Évoralign  
 Type: Ultraviolet LED Strip Light  
 Model: UV

Measurement file: UV.CSV  
 Date of measurement: 16.10.2023  
 Time of measurement: 11:36:30



R1 = -	Ra = -	Illuminance	14.20 lx	CIE1931
R2 = -	Re = -	Ee	6.923 W/m <sup>2</sup>	x = 0.1726
R3 = -	GAI = -	LER	2.1 lm/W	y = 0.0118
R4 = -				
R5 = -	TLCI = 0.0	Correlated Color Temperature (CCT)	> 50000	CIE1976
R6 = -		Duv	-	u' = 0.2468
R7 = -	PPFD			v' = 0.0381
R8 = -	[μmol/m <sup>2</sup> s]	Saturation	0.00 %	
R9 = -	16.08			CIE1960
R10 = -		Dominant wavelength	#N/A	u = 0.2468
R11 = -		Peak wavelength	403 nm	v = 0.0254
R12 = -				
R13 = -		Flicker frequency	% < 1.0	TM30
R14 = -		Percent Flicker	< 1.0	Rf = -
R15 = -		Flicker index	% < 1.0	Rg = -

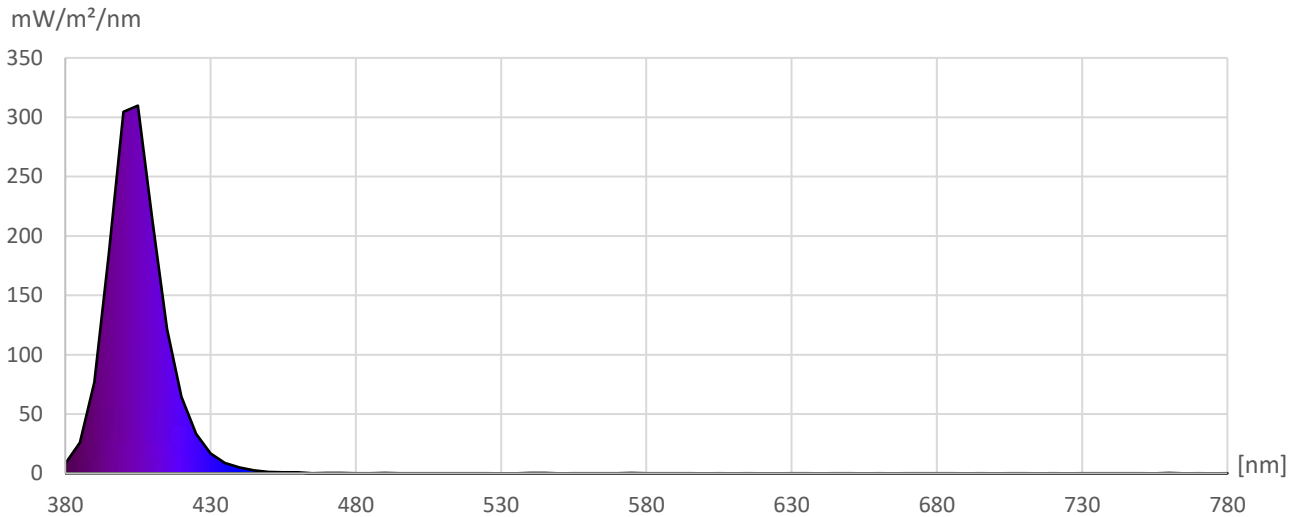
[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm
380	8.09	440	4.84	500	0.10	560	0.21	620	0.00	680	0.01	740	0.00
385	26.00	445	2.52	505	0.21	565	0.04	625	0.00	685	0.04	745	0.01
390	76.62	450	1.08	510	0.00	570	0.07	630	0.07	690	0.00	750	0.15
395	184.39	455	0.88	515	0.05	575	0.23	635	0.09	695	0.10	755	0.00
400	304.57	460	0.78	520	0.08	580	0.01	640	0.00	700	0.00	760	0.43
405	309.78	465	0.23	525	0.13	585	0.05	645	0.14	705	0.06	765	0.00
410	213.95	470	0.39	530	0.00	590	0.12	650	0.07	710	0.08	770	0.21
415	121.76	475	0.33	535	0.00	595	0.01	655	0.00	715	0.00	775	0.00
420	64.67	480	0.13	540	0.28	600	0.00	660	0.16	720	0.00	780	0.02
425	33.30	485	0.07	545	0.28	605	0.10	665	0.00	725	0.00		
430	16.76	490	0.34	550	0.00	610	0.00	670	0.00	730	0.13		
435	8.83	495	0.05	555	0.18	615	0.11	675	0.12	735	0.03		

# Measurement Protocol

évoralignt

Manufacturer: Évoralight  
 Type: Ultraviolet LED Strip Light  
 Model: UV

Measurement file: UV.CSV  
 Date of measurement: 16.10.2023  
 Time of measurement: 11:36:30



[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm
380	8.09	535	0.00	690	0.00								
385	26.00	540	0.28	695	0.10								
390	76.62	545	0.28	700	0.00								
395	184.39	550	0.00	705	0.06								
400	304.57	555	0.18	710	0.08								
405	309.78	560	0.21	715	0.00								
410	213.95	565	0.04	720	0.00								
415	121.76	570	0.07	725	0.00								
420	64.67	575	0.23	730	0.13								
425	33.30	580	0.01	735	0.03								
430	16.76	585	0.05	740	0.00								
435	8.83	590	0.12	745	0.01								
440	4.84	595	0.01	750	0.15								
445	2.52	600	0.00	755	0.00								
450	1.08	605	0.10	760	0.43								
455	0.88	610	0.00	765	0.00								
460	0.78	615	0.11	770	0.21								
465	0.23	620	0.00	775	0.00								
470	0.39	625	0.00	780	0.02								
475	0.33	630	0.07										
480	0.13	635	0.09										
485	0.07	640	0.00										
490	0.34	645	0.14										
495	0.05	650	0.07										
500	0.10	655	0.00										
505	0.21	660	0.16										
510	0.00	665	0.00										
515	0.05	670	0.00										
520	0.08	675	0.12										
525	0.13	680	0.01										
530	0.00	685	0.04										

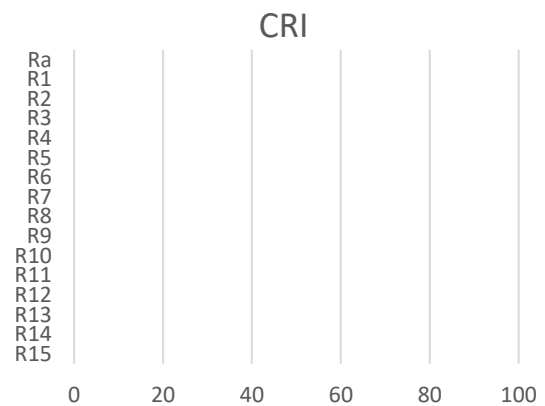
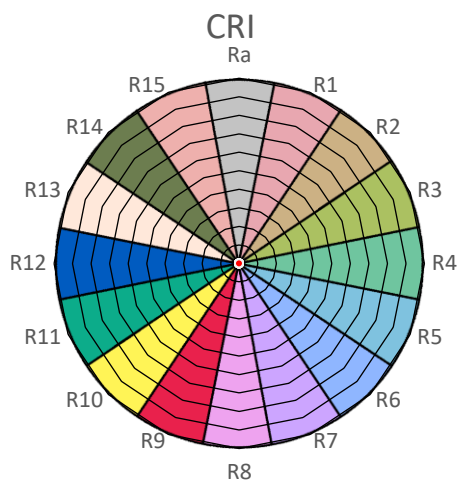
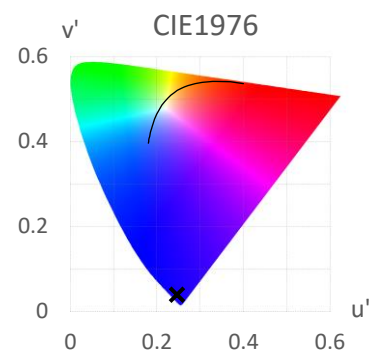
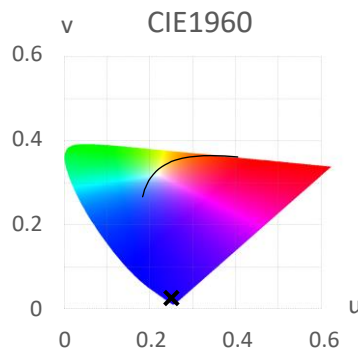
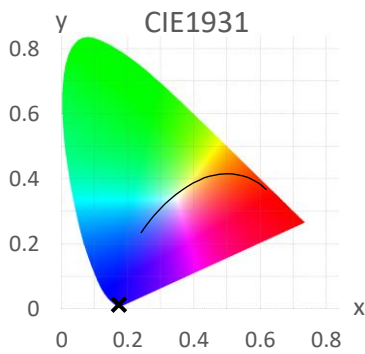
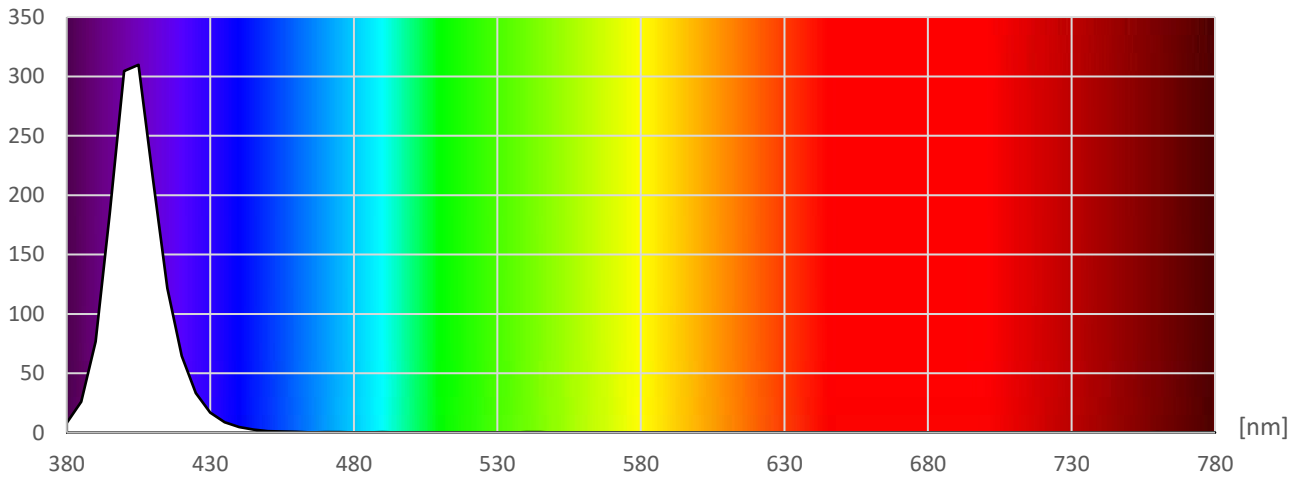
# Measurement Protocol

évoralign

Manufacturer: Évoralign  
Type: Ultraviolet LED Strip Light  
Model: UV

Measurement file: UV.CSV  
Date of measurement: 16.10.2023  
Time of measurement: 11:36:30

mW/m<sup>2</sup>/nm

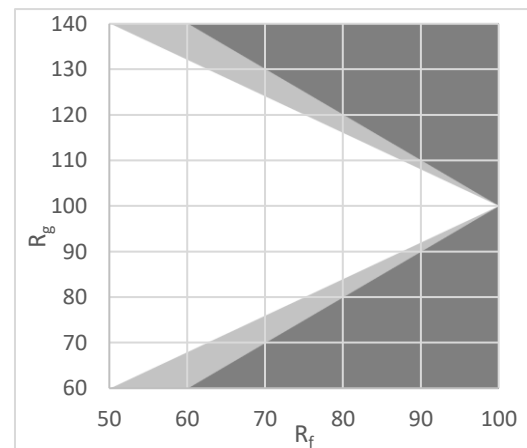
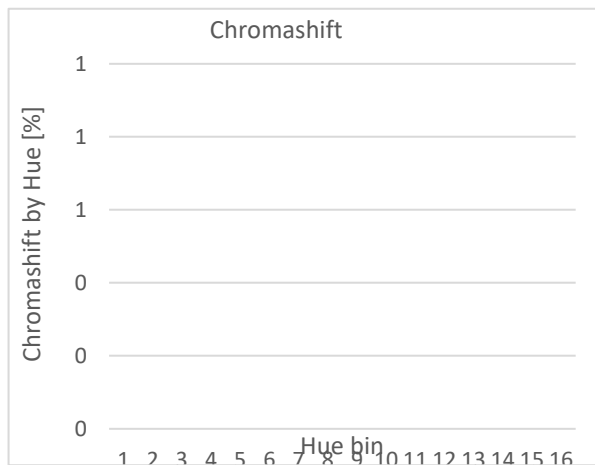
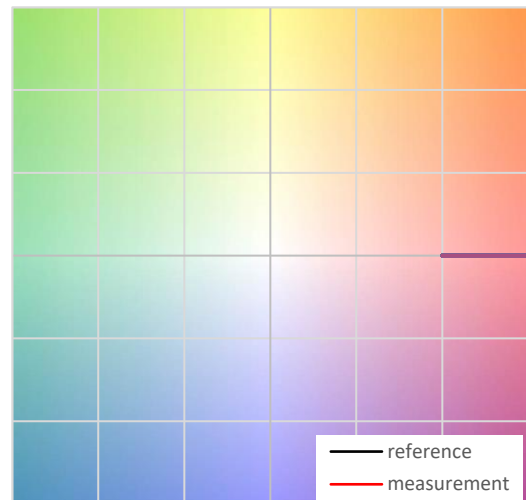
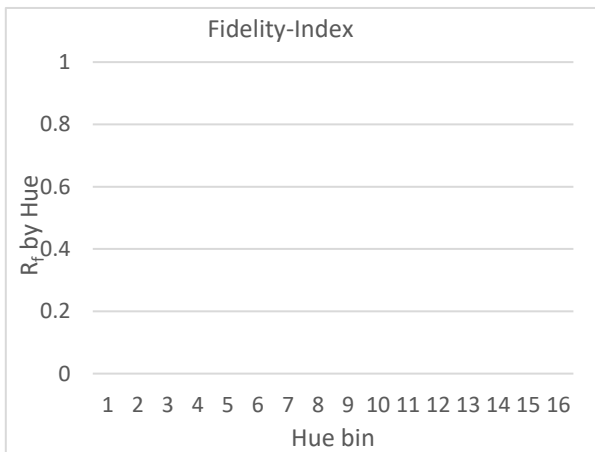
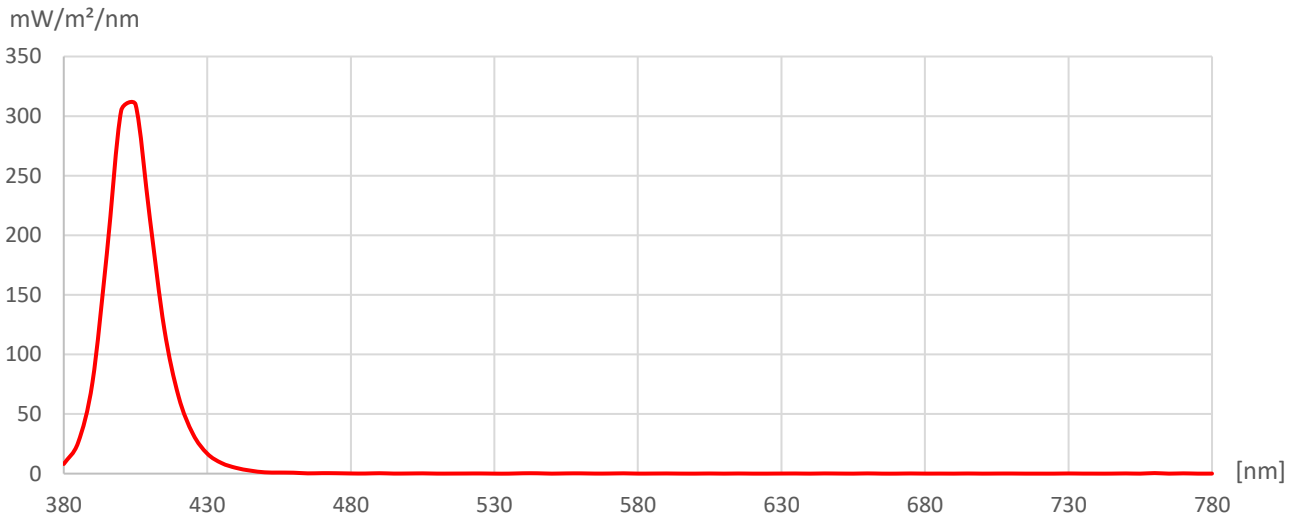


# Measurement Protocol

évoralign

Manufacturer: Évoralign  
Type: Ultraviolet LED Strip Light  
Model: UV

Measurement file: UV.CSV  
Date of measurement: 16.10.2023  
Time of measurement: 11:36:30

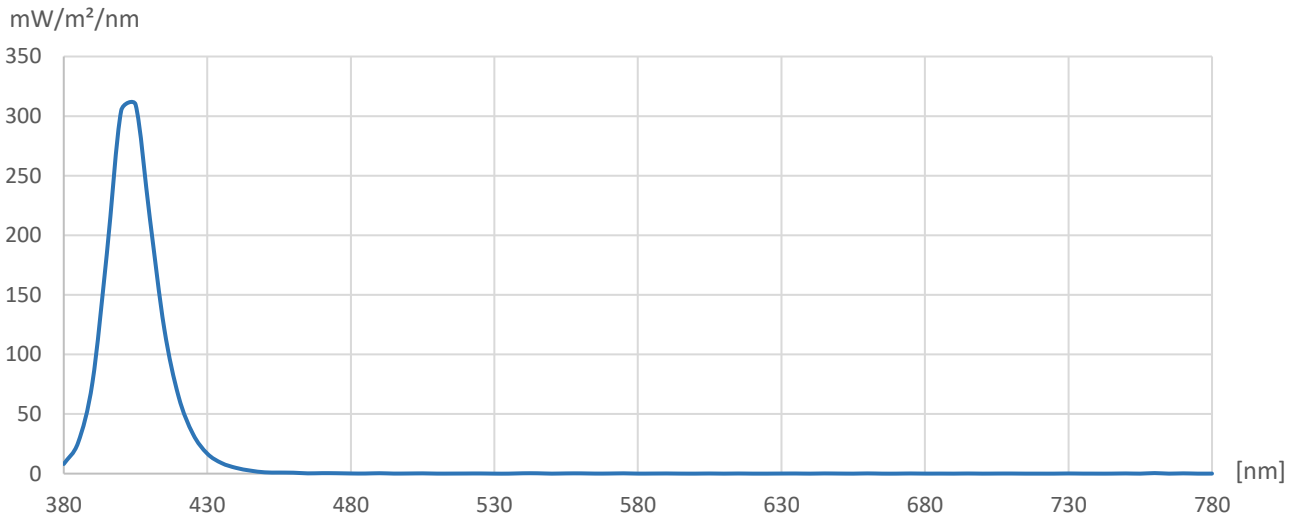


# Measurement Protocol

évoralignt

Manufacturer: Évoralignt  
 Type: Ultraviolet LED Strip Light  
 Model: UV

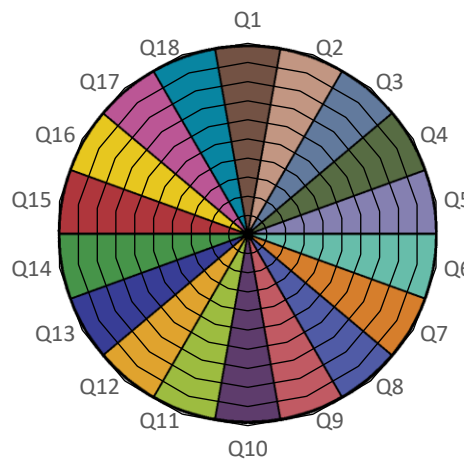
Measurement file: UV.CSV  
 Date of measurement: 16.10.2023  
 Time of measurement: 11:36:30



correlated color temperature (CCT) > 50000  
 TLCI 0

Referencec Spectrum Daylight

	Lightness	Chroma	Hue
R	0	0	0
R/Y	0	0	0
Y	0	0	0
Y/G	0	0	0
G	0	0	0
G/C	0	0	0
C	0	0	0
C/B	0	0	0
B	0	0	0
B/M	0	0	0
M	0	0	0
M/R	0	0	0

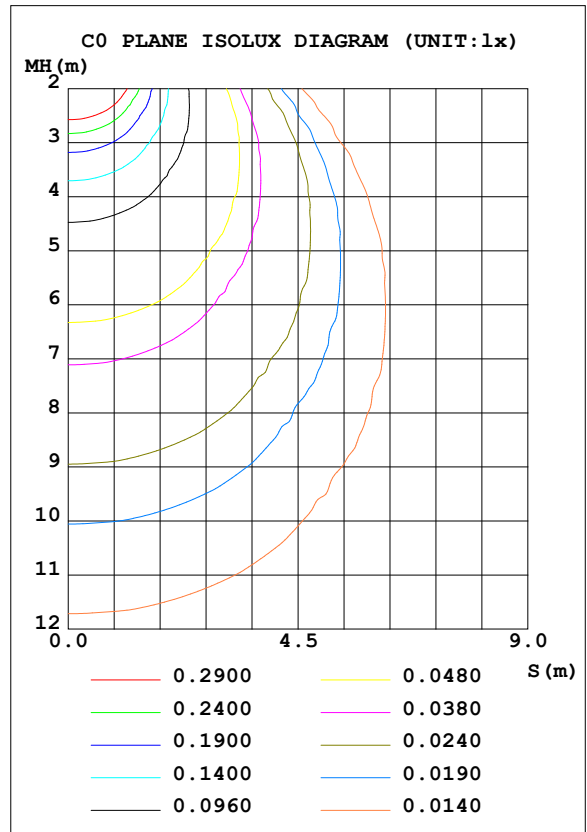
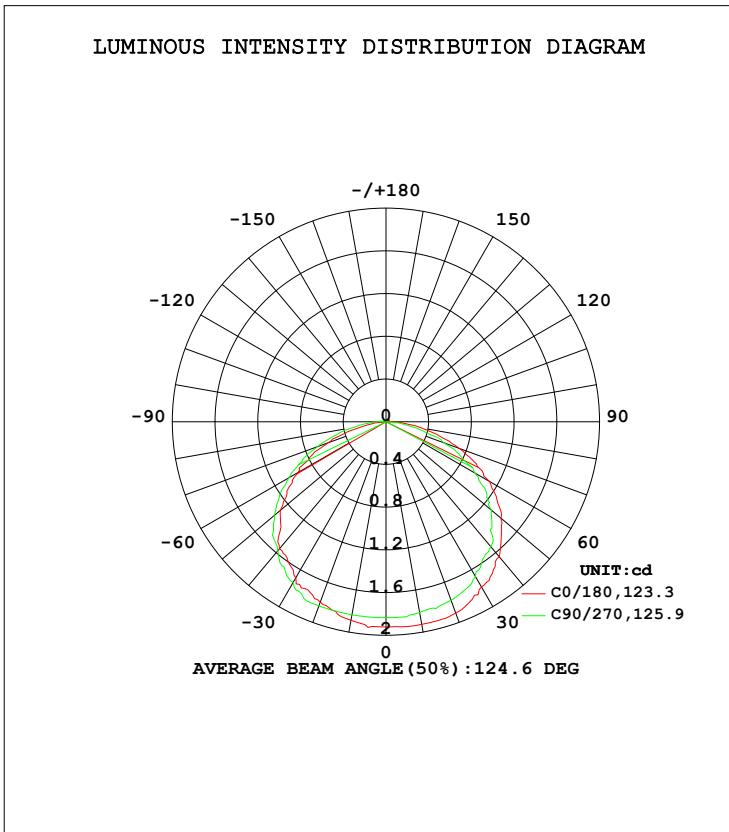


Test Colour	Value	Test Colour	Value	Test Colour	Value
Q1 Dark skin	65535	Q7 Orange	65535	Q13 Blue	65535
Q2 Light skin	65535	Q8 Purplish blue	65535	Q14 Green	65535
Q3 Blue sky	65535	Q9 Moderate red	65535	Q15 Red	65535
Q4 Foliage	65535	Q10 Purple	65535	Q16 Yellow	65535
Q5 Blue flower	65535	Q11 Yellow green	65535	Q17 Magenta	65535
Q6 Bluish green	65535	Q12 Orange yellow	65535	Q18 Cyan	65535

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralight	SUR.: 0.01*1	Shielding Angle: 120

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	1.933	S/MH (C0/180)	1.30
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.40
RATED VOLTAGE (V)		TOTAL FLUX (lm)	6.3026	η UP, DN (C0-180)	0.8, 49.7
NOMINAL FLUX (lm)	6.30033	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9, 48.6
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	98.3	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Test Date: 2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity: 65.0%  
 Test Distance: 8.700m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

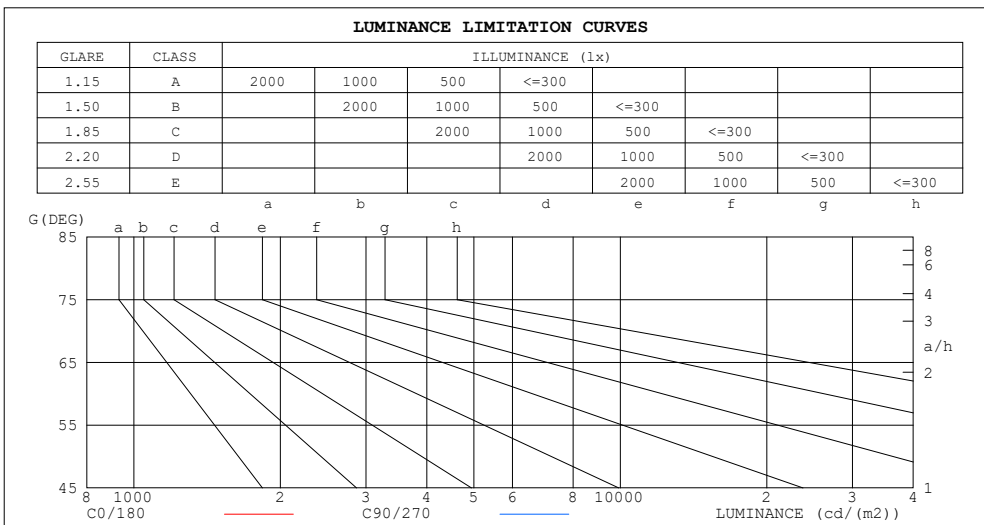
$\gamma$	C0	C90	C180	C270				$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1.926	1.813	1.888	1.835				0- 10	0.1788	0.1788	2.84,2.84
20	1.907	1.778	1.798	1.835				10- 20	0.5238	0.7026	11.1,11.2
30	1.786	1.675	1.687	1.737				20- 30	0.8263	1.529	24.3,24.3
40	1.650	1.527	1.552	1.577				30- 40	1.033	2.562	40.6,40.7
50	1.405	1.293	1.293	1.367				40- 50	1.126	3.688	58.5,58.5
60	1.121	0.9604	0.9481	1.047				50- 60	1.058	4.746	75.3,75.3
70	0.7272	0.5786	0.5784	0.6777				60- 70	0.8308	5.577	88.5,88.5
80	0.3451	0.2214	0.1721	0.3205				70- 80	0.4756	6.053	96,96.1
90	0.0497	0.0123	0.0123	0.0864				80- 90	0.1430	6.196	98.3,98.3
100	0.0246	0.0123	0.0123	0.0246				90-100	0.0284	6.224	98.8,98.8
110	0.0246	0.0123	0.0123	0.0246				100-110	0.0195	6.244	99.1,99.1
120	0.0123	0.0123	0.0123	0.0123				110-120	0.0141	6.258	99.3,99.3
130	0.0248	0.0123	0.0123	0.0123				120-130	0.0117	6.270	99.5,99.5
140	0.0246	0.0123	0.0123	0.0123				130-140	0.0119	6.281	99.7,99.7
150	0.0246	0.0123	0.0123	0.0123				140-150	0.0097	6.291	99.8,99.9
160	0.0246	0	0.0123	0.0123				150-160	0.0066	6.298	99.9,100
170	0.0246	0	0.0123	0.0246				160-170	0.0037	6.301	100,100
180	0.0123	0.0123	0.0123	0				170-180	0.0012	6.303	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	198	98
80	199	127
75	200	147
70	213	169
65	222	184
60	224	192
55	221	200
50	219	201
45	216	199

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

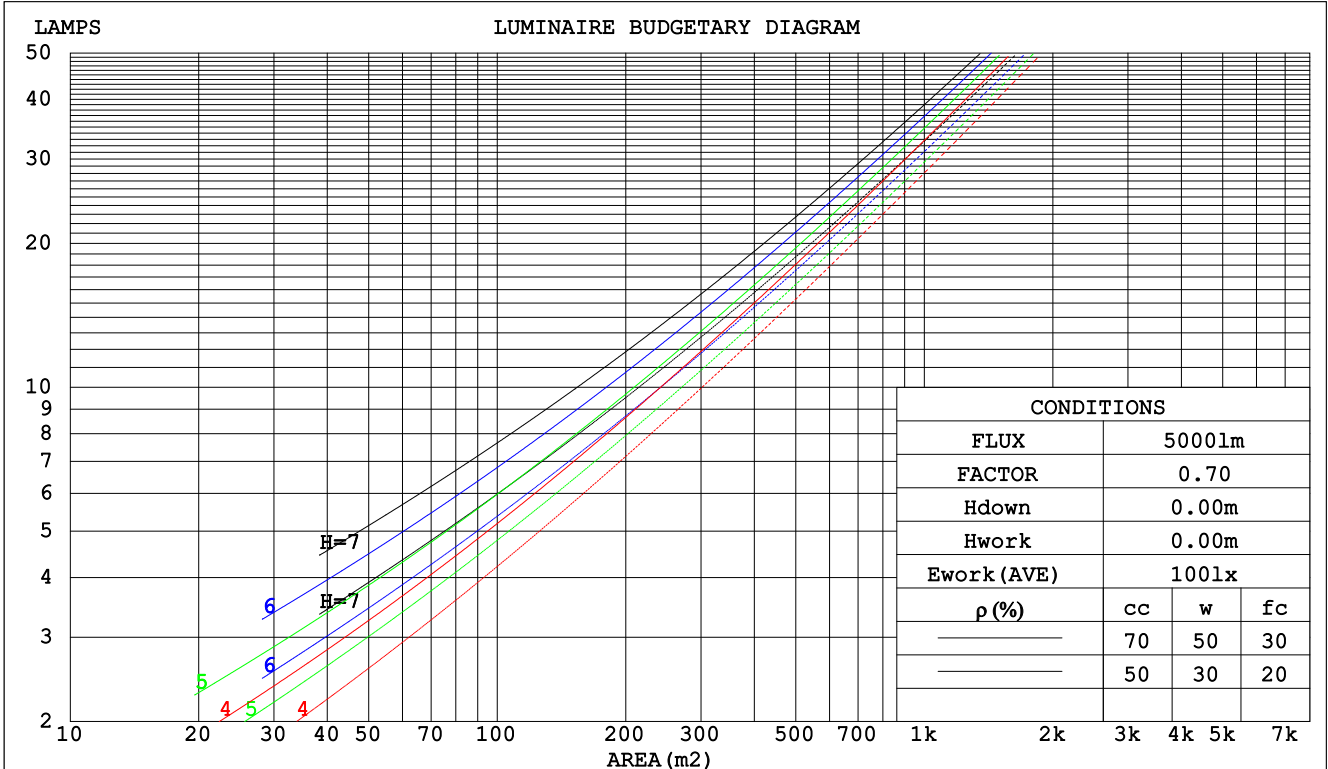
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

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	.98
1.0	1.03	.98	.94	1.00	.96	.93	.96	.92	.89	.92	.89	.86	.88	.86	.83	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.59	.53	.67	.59	.52	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.43	.40
6.0	.55	.45	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.49	.40	.34	.48	.40	.34	.47	.39	.34	.45	.38	.33	.44	.37	.33	.31
8.0	.45	.36	.30	.44	.36	.30	.43	.35	.30	.41	.34	.30	.40	.34	.29	.27
9.0	.41	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.24
10.0	.38	.30	.24	.37	.30	.24	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

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	.322	.183	.058	.314	.179	.057	.300	.172	.055	.287	.165	.053	.275	.159	.051	
2.0	.301	.165	.051	.294	.162	.050	.282	.157	.049	.270	.152	.047	.259	.147	.046	
3.0	.278	.148	.044	.272	.146	.044	.261	.141	.043	.250	.137	.042	.240	.133	.041	
4.0	.256	.133	.039	.250	.131	.039	.240	.127	.038	.231	.124	.037	.222	.121	.037	
5.0	.236	.120	.035	.231	.119	.035	.222	.116	.034	.214	.113	.034	.206	.110	.033	
6.0	.218	.109	.031	.214	.108	.031	.206	.106	.031	.198	.103	.030	.191	.101	.030	
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.185	.095	.028	.179	.093	.027	
8.0	.189	.092	.026	.186	.091	.026	.179	.090	.026	.173	.088	.025	.167	.086	.025	
9.0	.177	.086	.024	.174	.085	.024	.168	.083	.024	.163	.081	.023	.157	.080	.023	
10.0	.166	.080	.022	.163	.079	.022	.158	.077	.022	.153	.076	.022	.148	.075	.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	.203	.203	.203	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.194	.169	.147	.166	.145	.126	.114	.100	.087	.065	.058	.051	.021	.019	.016	
2.0	.187	.145	.110	.160	.125	.095	.110	.086	.066	.063	.050	.039	.020	.016	.013	
3.0	.179	.128	.086	.154	.110	.075	.105	.076	.053	.061	.045	.031	.020	.014	.010	
4.0	.172	.114	.071	.147	.099	.061	.101	.069	.043	.059	.040	.026	.019	.013	.008	
5.0	.164	.104	.060	.141	.090	.052	.097	.063	.037	.056	.037	.022	.018	.012	.007	
6.0	.157	.096	.052	.135	.083	.045	.093	.058	.032	.054	.034	.019	.017	.011	.006	
7.0	.150	.089	.046	.129	.077	.040	.089	.054	.028	.052	.032	.017	.017	.010	.006	
8.0	.144	.083	.042	.124	.072	.036	.086	.051	.026	.050	.030	.015	.016	.010	.005	
9.0	.138	.078	.038	.119	.068	.033	.082	.048	.024	.048	.028	.014	.015	.009	.005	
10.0	.132	.074	.036	.114	.064	.031	.079	.045	.022	.046	.027	.013	.015	.009	.004	

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm										
NAME: ULTRAVIOLET					TYPE: LED Strip			WEIGHT:		
SPEC.: 9.8W					DIM.: 1000*10*2 (MM)			SERIAL No.: 001		
MFR.: Évoralignt					SUR.: 0.01*1			Shielding Angle: 120		
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	25.4	27.0	25.7	27.2	27.4	24.9	26.5	25.2	26.7	26.9
3H	27.1	28.6	27.5	28.8	29.1	26.4	27.9	26.8	28.1	28.4
4H	27.8	29.2	28.2	29.5	29.8	27.0	28.4	27.4	28.6	28.9
6H	28.4	29.7	28.7	30.0	30.3	27.3	28.6	27.7	28.9	29.2
8H	28.6	29.8	29.0	30.2	30.5	27.4	28.7	27.8	29.0	29.3
12H	28.7	29.9	29.1	30.3	30.6	27.5	28.7	27.9	29.0	29.4
4H 2H	26.0	27.4	26.3	27.6	27.9	25.6	27.0	26.0	27.3	27.6
3H	27.9	29.1	28.3	29.4	29.8	27.3	28.5	27.7	28.9	29.2
4H	28.7	29.8	29.1	30.2	30.5	28.0	29.1	28.4	29.4	29.8
6H	29.4	30.4	29.8	30.7	31.1	28.5	29.4	28.9	29.8	30.2
8H	29.7	30.6	30.1	31.0	31.4	28.6	29.5	29.0	29.9	30.3
12H	29.9	30.7	30.3	31.1	31.6	28.7	29.5	29.2	30.0	30.4
8H 4H	29.0	29.8	29.4	30.2	30.7	28.3	29.2	28.8	29.6	30.0
6H	29.8	30.5	30.3	31.0	31.4	28.9	29.7	29.4	30.1	30.6
8H	30.2	30.8	30.7	31.3	31.8	29.1	29.8	29.6	30.3	30.8
12H	30.5	31.0	31.0	31.5	32.0	29.3	29.9	29.8	30.4	30.9
12H 4H	29.0	29.8	29.4	30.2	30.6	28.3	29.2	28.8	29.6	30.0
6H	29.8	30.5	30.3	30.9	31.4	29.0	29.7	29.5	30.1	30.6
8H	30.3	30.8	30.8	31.3	31.8	29.3	29.9	29.8	30.3	30.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.2				
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 6.300 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -17.6)  
 Area: 0.01 m2

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

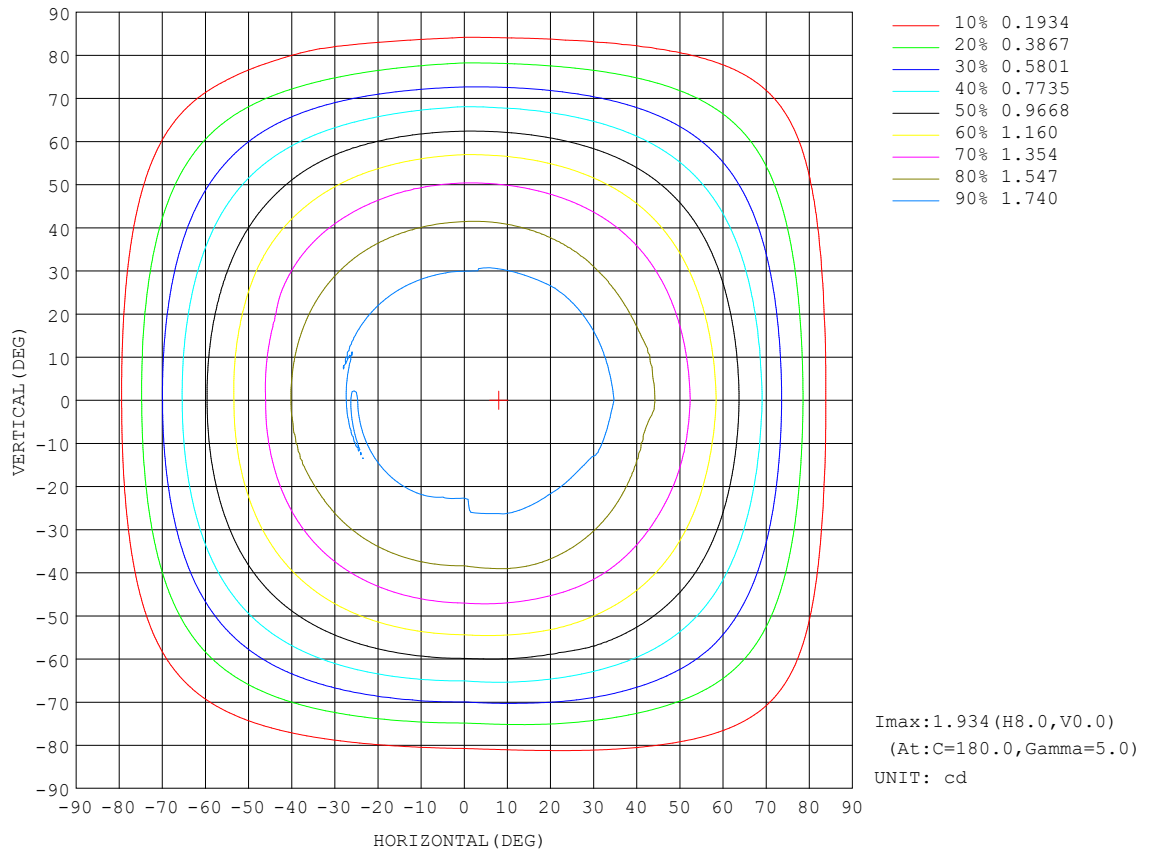
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	55	43	36	54	43	36	53	42	36	29
0.80	65	53	46	64	53	45	62	52	45	38
1.00	74	62	55	72	62	54	70	63	54	46
1.25	81	70	63	79	69	62	77	68	61	53
1.50	86	76	68	84	75	68	81	73	67	59
2.00	93	84	78	91	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	103	97	93	98	94	90	80
5.00	108	103	98	105	100	97	100	97	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

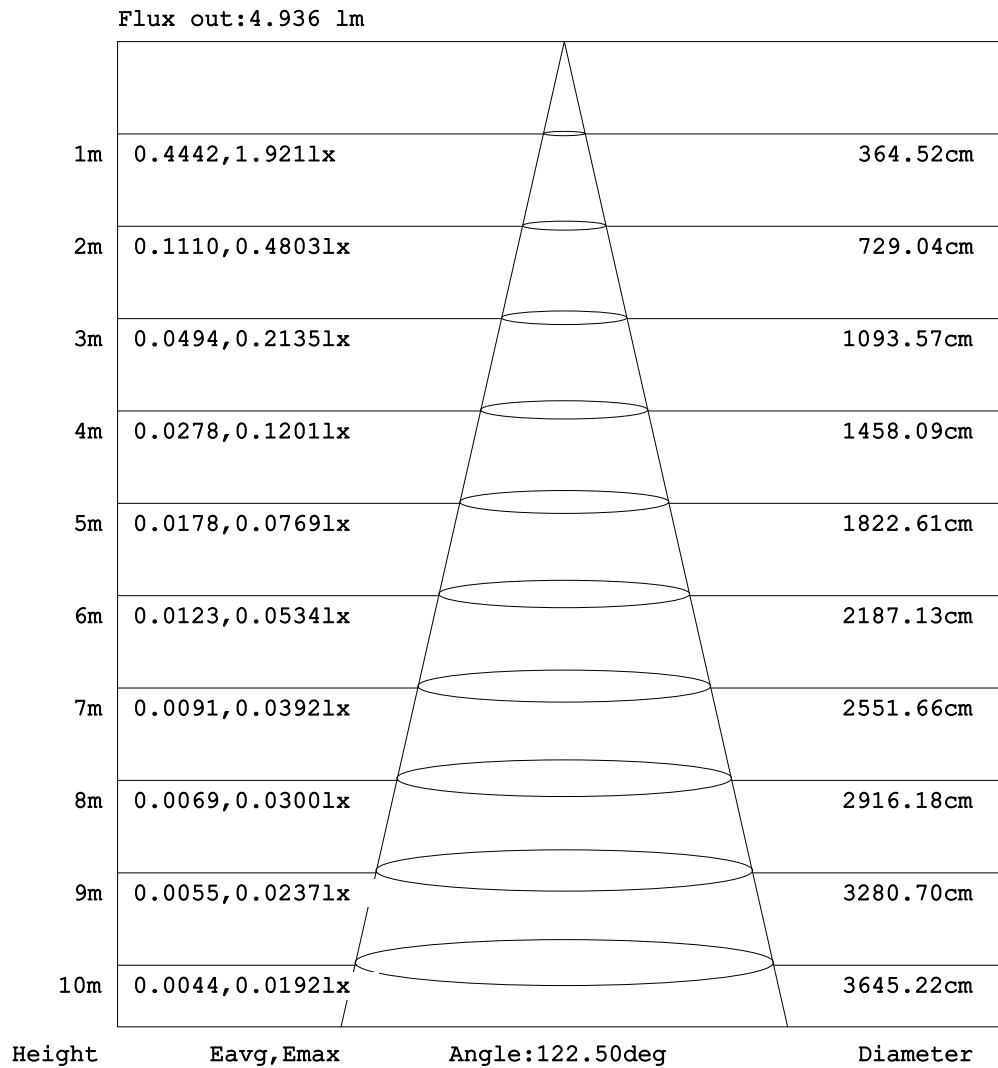


C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120



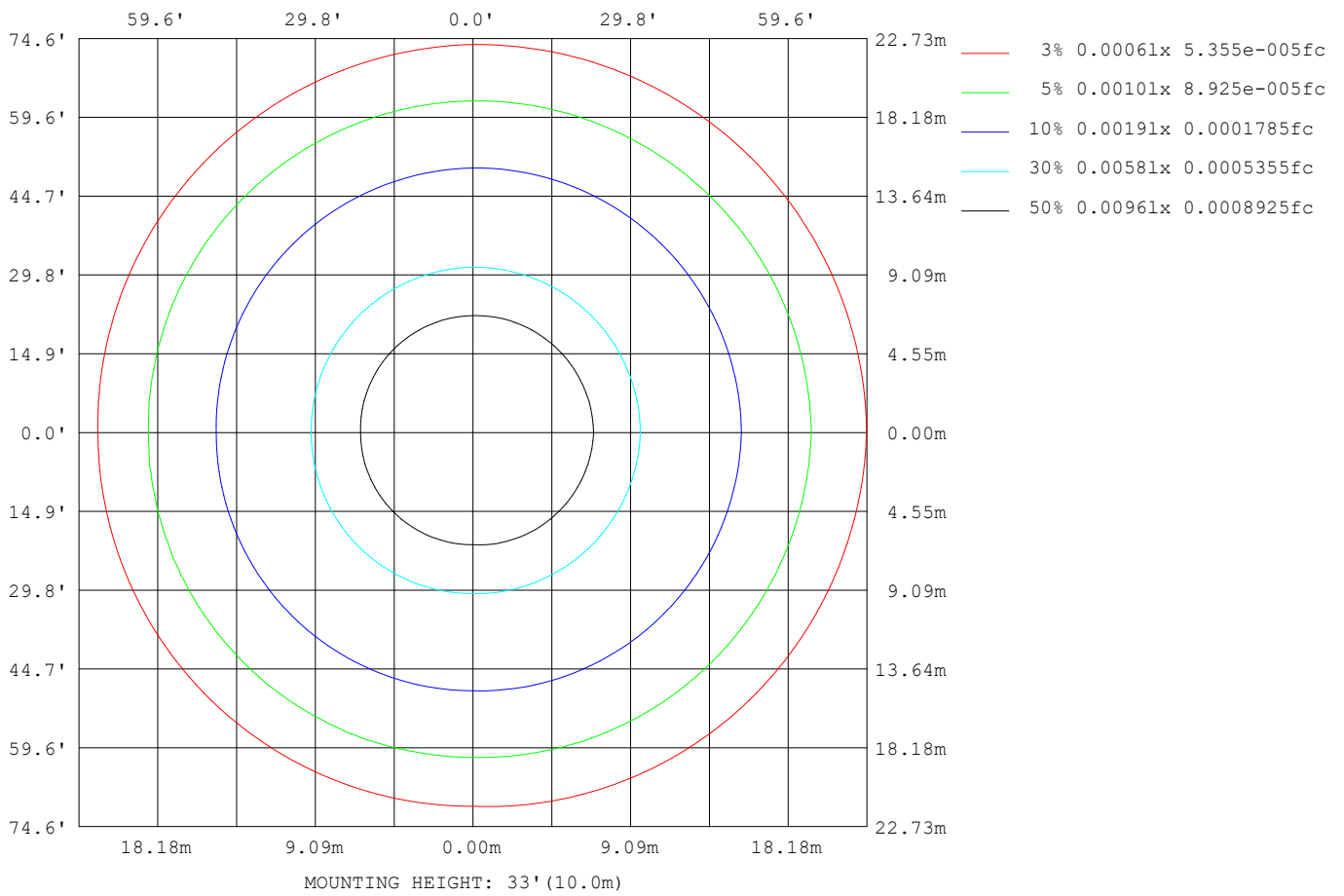
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

AvgL	cd/m2
L_0~180 (65) av	204
L_0~180 (75) av	174
L_0~180 (85) av	113
L_90~270 (65) av	194
L_90~270 (75) av	169
L_90~270 (85) av	148
L_45 (65) av	197
L_45 (75) av	169
L_45 (85) av	130

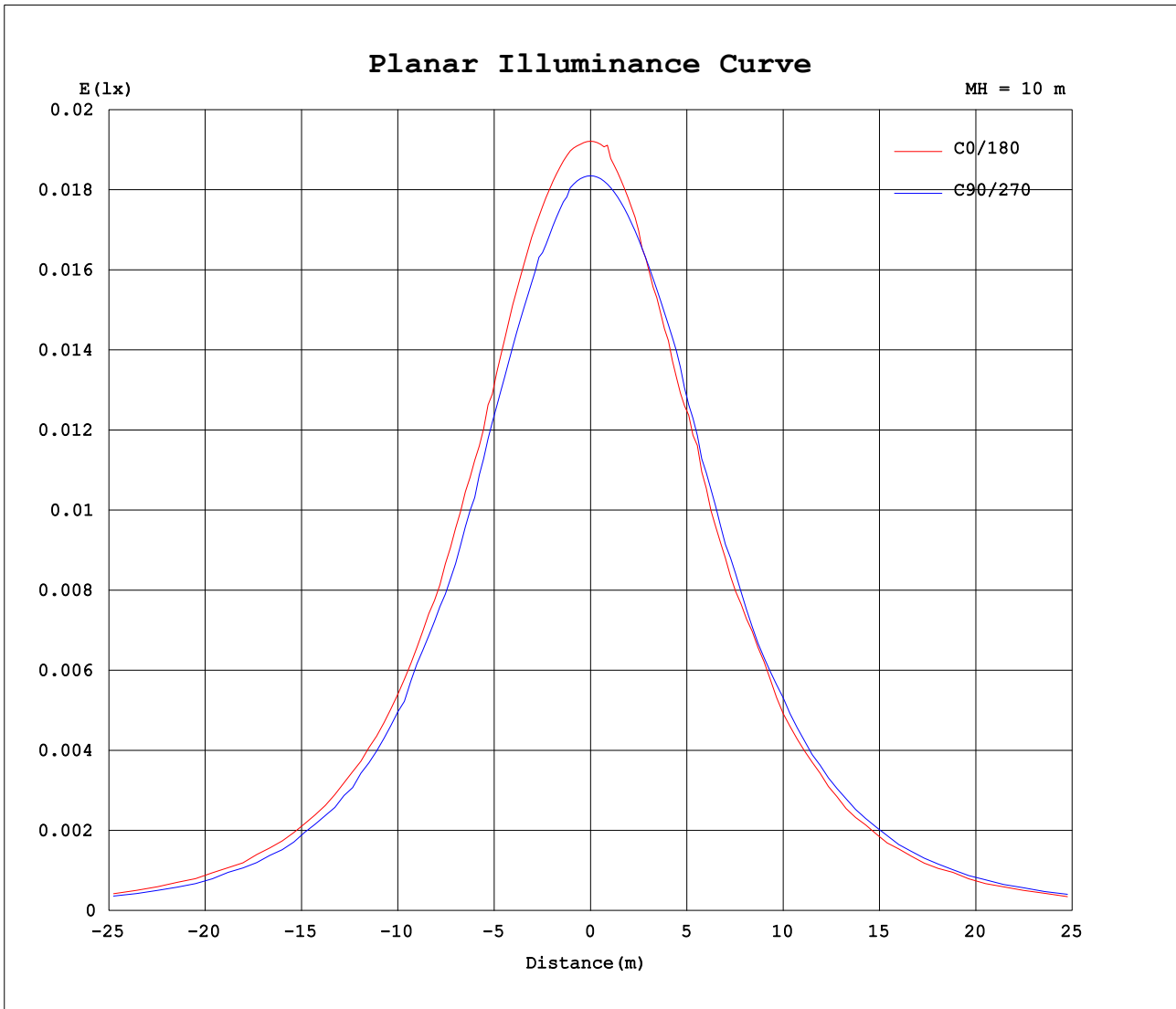
Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:



Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.003V I:0.3989A P:9.5748W PF:1.0000 Freq:0Hz Lamp Flux:6.30033x1 lm		
NAME: ULTRAVIOLET	TYPE: LED Strip	WEIGHT:
SPEC.: 9.8W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralight	SUR.: 0.01*1	Shielding Angle: 120

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	90	180	270															
0	1.92	1.84	1.92	1.84															
5	1.93	1.84	1.93	1.84															
10	1.93	1.81	1.89	1.84															
15	1.92	1.81	1.84	1.84															
20	1.91	1.78	1.80	1.84															
25	1.86	1.74	1.74	1.82															
30	1.79	1.67	1.69	1.74															
35	1.74	1.58	1.60	1.66															
40	1.65	1.53	1.55	1.58															
45	1.53	1.40	1.39	1.50															
50	1.40	1.29	1.29	1.37															
55	1.27	1.15	1.13	1.22															
60	1.12	0.96	0.95	1.05															
65	0.94	0.78	0.79	0.86															
70	0.73	0.58	0.58	0.68															
75	0.52	0.38	0.38	0.49															
80	0.35	0.22	0.17	0.32															
85	0.17	0.09	0.02	0.17															
90	0.05	0.01	0.01	0.09															
95	0.02	0.01	0.01	0.06															
100	0.02	0.01	0.01	0.02															
105	0.02	0.01	0.01	0.02															
110	0.02	0.01	0.01	0.02															
115	0.01	0.01	0.01	0.01															
120	0.01	0.01	0.01	0.01															
125	0.01	0.01	0.01	0.01															
130	0.02	0.01	0.01	0.01															
135	0.02	0.01	0.01	0.01															
140	0.02	0.01	0.01	0.01															
145	0.02	0.01	0.01	0.01															
150	0.02	0.01	0.01	0.01															
155	0.02	0.00	0.01	0.01															
160	0.02	0.00	0.01	0.01															
165	0.02	0.00	0.01	0.01															
170	0.02	0.00	0.01	0.02															
175	0.01	0.00	0.01	0.01															
180	0.01	0.01	0.01	0.00															

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Test Date:2024-01-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity:65.0%  
 Test Distance:8.700m [K=1.0000]  
 Remarks: