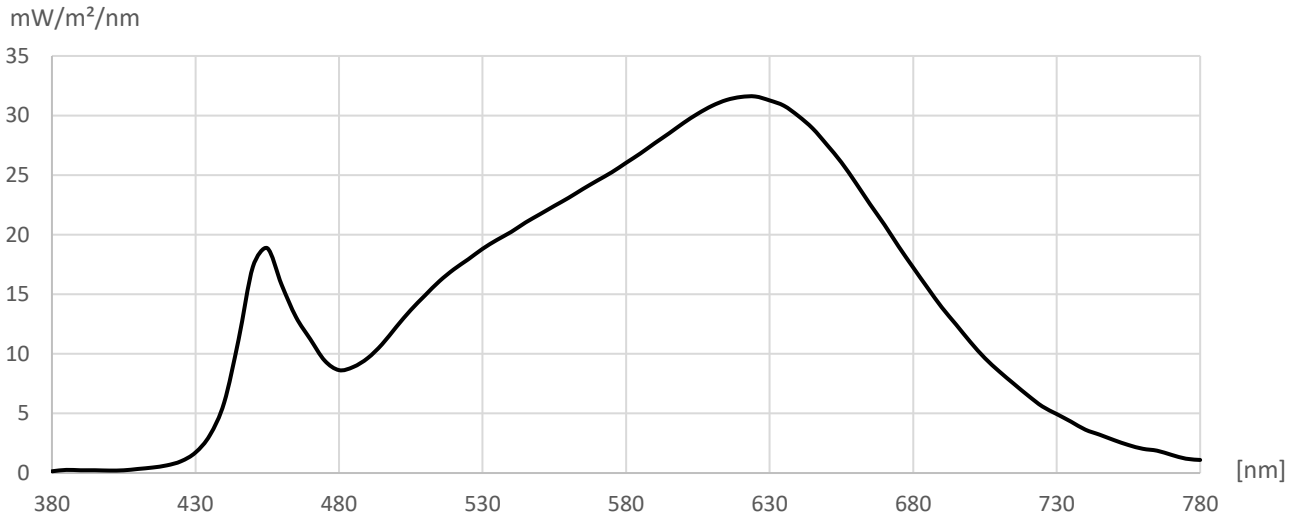


Measurement Protocol

évoralignt

Manufacturer: Evoralight
 Type: LED Strip Light 300 LM/FT
 Model: VL30-30K

Measurement file: VL30-30K.CSV
 Date of measurement: 28.11.2023
 Time of measurement: 17:30:49



R1 = 93.2	Ra = 92.9	Illuminance	1,655.17 lx	CIE1931
R2 = 96.7	Re = 90.0	Ee	5.770 W/m ²	x = 0.4269
R3 = 97.9	GAI = 60.6	LER	286.9 lm/W	y = 0.3995
R4 = 92.0				
R5 = 92.3	TLCI = 94.0	Correlated Color Temperature (CCT)	3,120 K	CIE1976
R6 = 94.9		Duv	-0.0003	u' = 0.2460
R7 = 92.6	PPFD			v' = 0.5181
R8 = 83.8	[μmol/m ² s]	Saturation	47.80 %	
R9 = 63.9	26.34			CIE1960
R10 = 90.8		Dominant wavelength	582 nm	u = 0.2460
R11 = 92.0		Peak wavelength	623 nm	v = 0.3454
R12 = 77.6				
R13 = 94.3		Flicker frequency	% < 1.0	TM30
R14 = 98.4		Percent Flicker	< 1.0	Rf = 89.9
R15 = 90.1		Flicker index	% < 1.0	Rg = 98.7

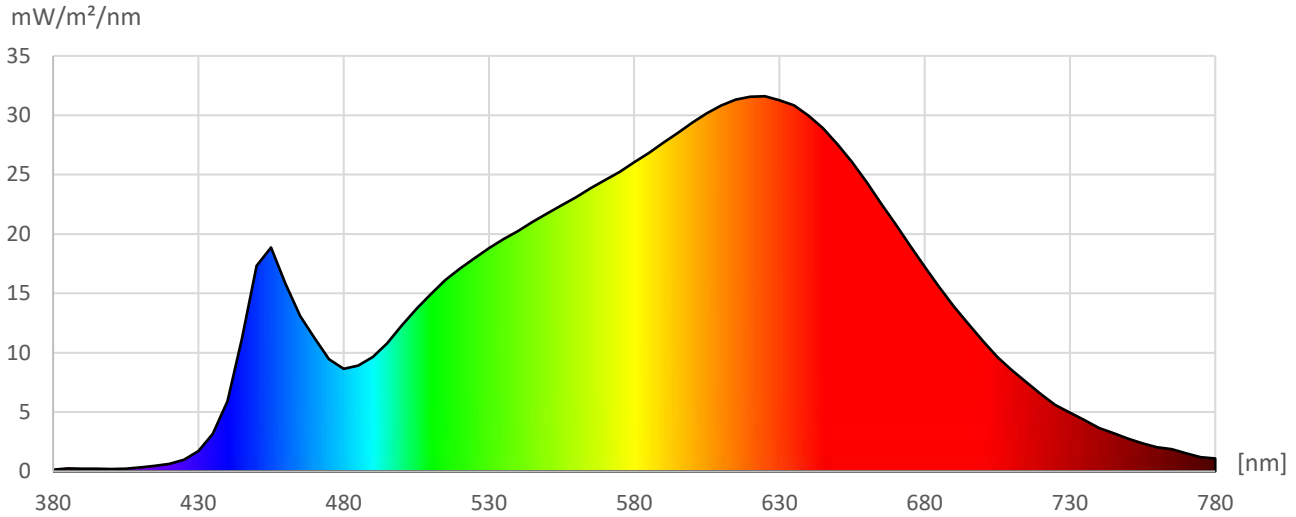
[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm
380	0.15	440	5.91	500	12.27	560	23.10	620	31.56	680	17.25	740	3.64
385	0.26	445	11.17	505	13.68	565	23.84	625	31.60	685	15.55	745	3.21
390	0.23	450	17.31	510	14.91	570	24.55	630	31.27	690	13.90	750	2.76
395	0.23	455	18.87	515	16.10	575	25.23	635	30.82	695	12.45	755	2.35
400	0.21	460	15.80	520	17.09	580	26.03	640	29.96	700	10.98	760	2.03
405	0.23	465	13.10	525	17.93	585	26.82	645	28.92	705	9.64	765	1.87
410	0.34	470	11.23	530	18.81	590	27.68	650	27.54	710	8.53	770	1.52
415	0.46	475	9.44	535	19.56	595	28.51	655	26.07	715	7.50	775	1.20
420	0.64	480	8.63	540	20.23	600	29.37	660	24.36	720	6.51	780	1.10
425	0.99	485	8.90	545	21.03	605	30.16	665	22.56	725	5.59		
430	1.72	490	9.64	550	21.72	610	30.82	670	20.84	730	4.95		
435	3.17	495	10.80	555	22.42	615	31.30	675	18.99	735	4.31		

Measurement Protocol

évoralign

Manufacturer: Evoralight
 Type: LED Strip Light 300 LM/FT
 Model: VL30-30K

Measurement file: VL30-30K.CSV
 Date of measurement: 28.11.2023
 Time of measurement: 17:30:49



[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	0.15	535	19.56	690	13.90								
385	0.26	540	20.23	695	12.45								
390	0.23	545	21.03	700	10.98								
395	0.23	550	21.72	705	9.64								
400	0.21	555	22.42	710	8.53								
405	0.23	560	23.10	715	7.50								
410	0.34	565	23.84	720	6.51								
415	0.46	570	24.55	725	5.59								
420	0.64	575	25.23	730	4.95								
425	0.99	580	26.03	735	4.31								
430	1.72	585	26.82	740	3.64								
435	3.17	590	27.68	745	3.21								
440	5.91	595	28.51	750	2.76								
445	11.17	600	29.37	755	2.35								
450	17.31	605	30.16	760	2.03								
455	18.87	610	30.82	765	1.87								
460	15.80	615	31.30	770	1.52								
465	13.10	620	31.56	775	1.20								
470	11.23	625	31.60	780	1.10								
475	9.44	630	31.27										
480	8.63	635	30.82										
485	8.90	640	29.96										
490	9.64	645	28.92										
495	10.80	650	27.54										
500	12.27	655	26.07										
505	13.68	660	24.36										
510	14.91	665	22.56										
515	16.10	670	20.84										
520	17.09	675	18.99										
525	17.93	680	17.25										
530	18.81	685	15.55										

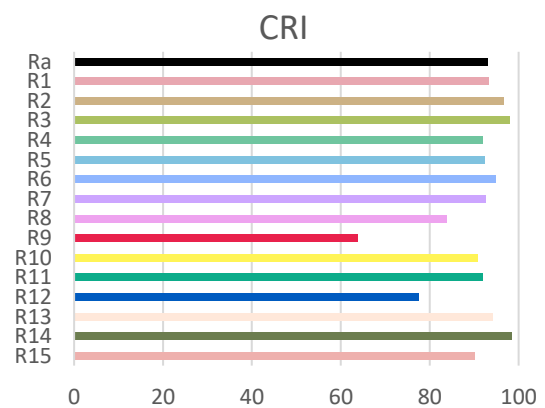
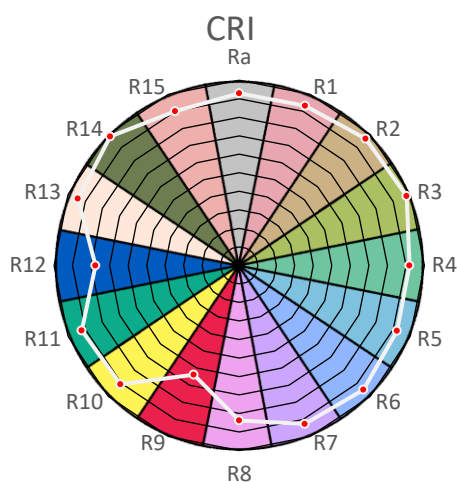
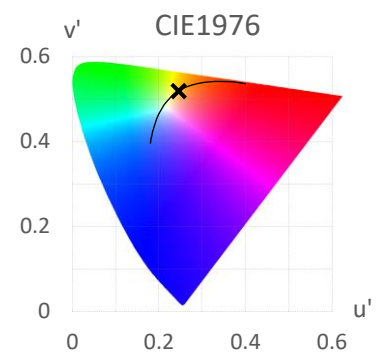
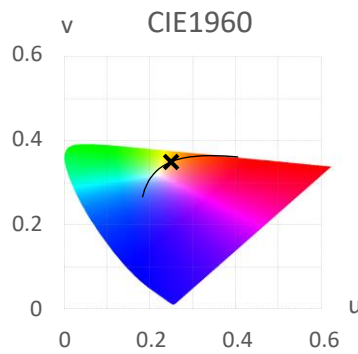
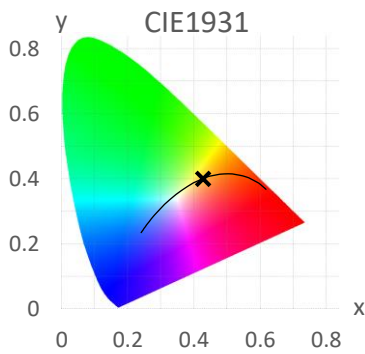
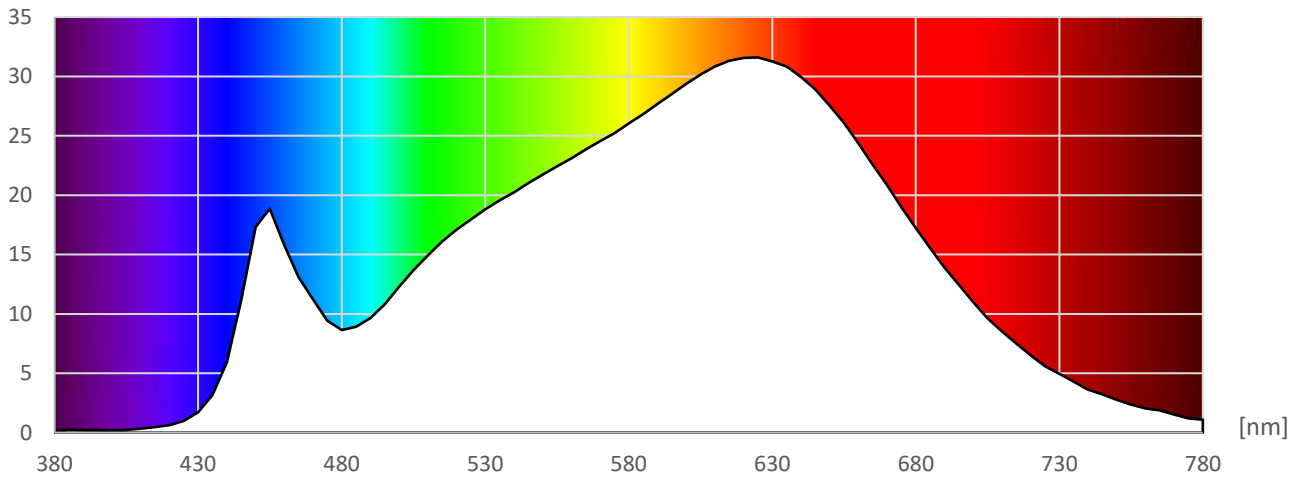
Measurement Protocol

évoralignt

Manufacturer: Evoralight
Type: LED Strip Light 300 LM/FT
Model: VL30-30K

Measurement file: VL30-30K.CSV
Date of measurement: 28.11.2023
Time of measurement: 17:30:49

mW/m²/nm

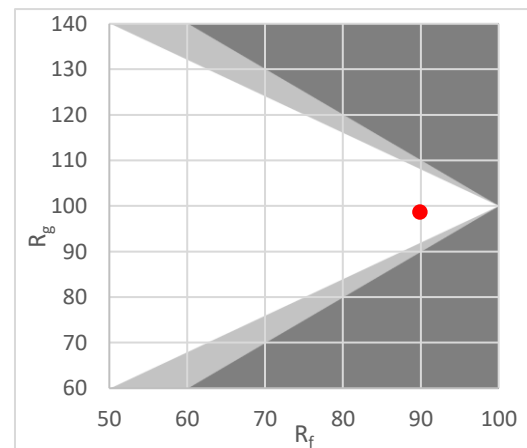
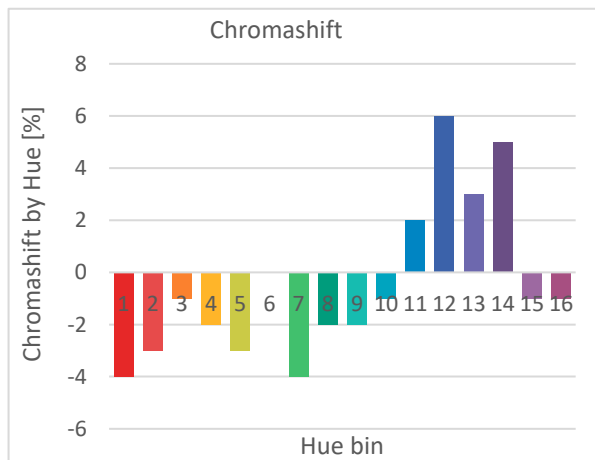
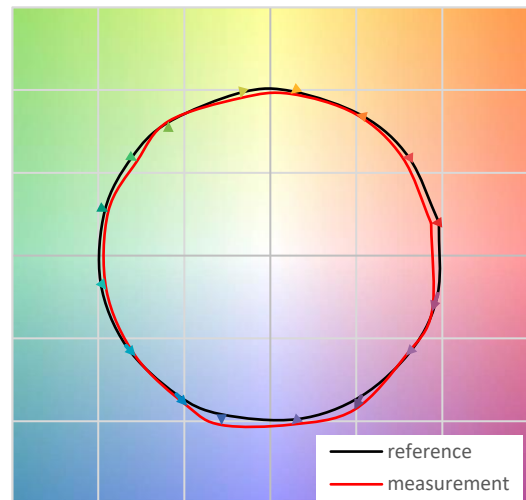
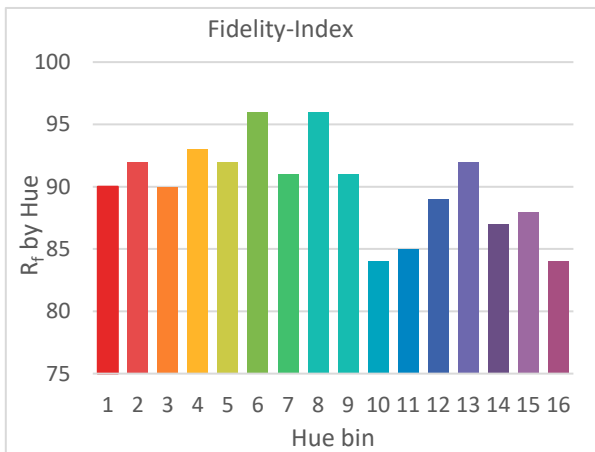
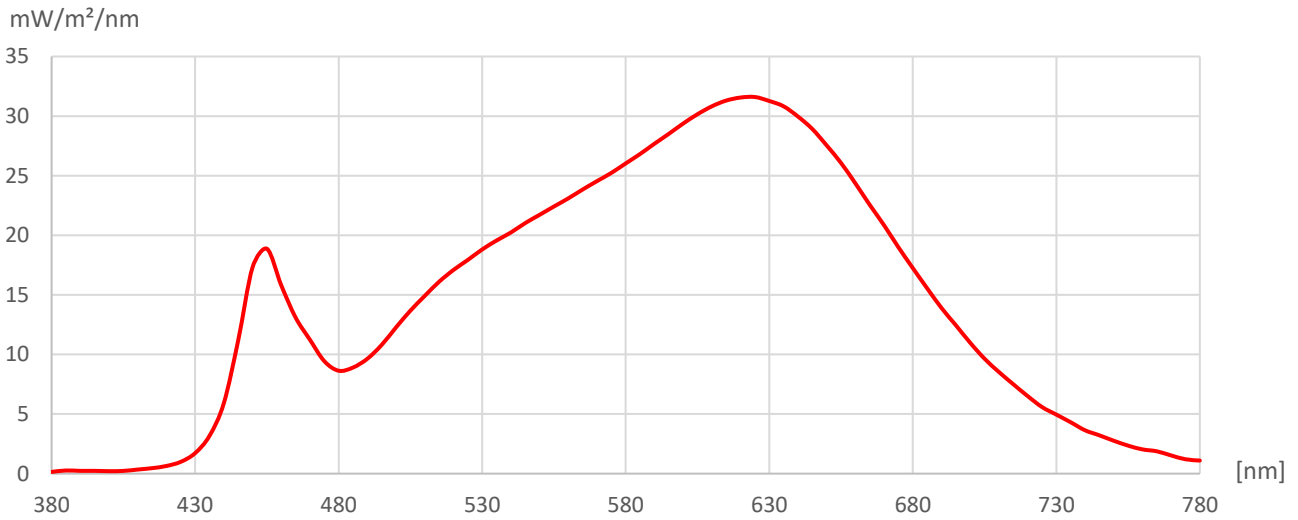


Measurement Protocol

évoralign

Manufacturer: Evoralight
 Type: LED Strip Light 300 LM/FT
 Model: VL30-30K

Measurement file: VL30-30K.CSV
 Date of measurement: 28.11.2023
 Time of measurement: 17:30:49

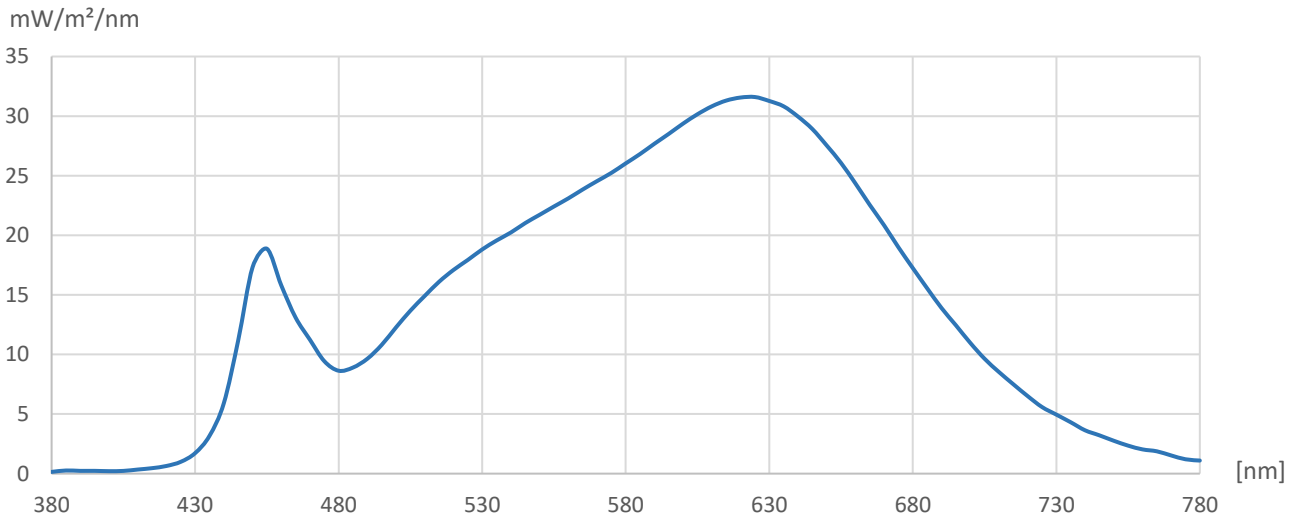


Measurement Protocol

évoralign

Manufacturer: Evoralight
 Type: LED Strip Light 300 LM/FT
 Model: VL30-30K

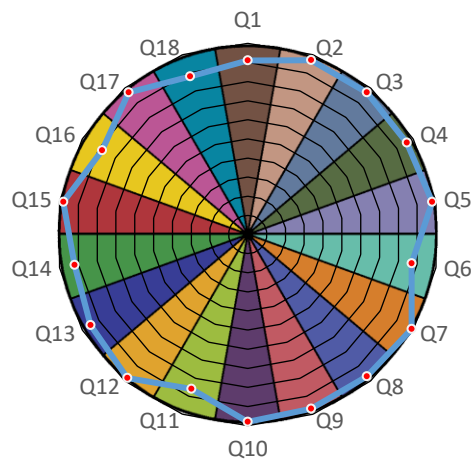
Measurement file: VL30-30K.CSV
 Date of measurement: 28.11.2023
 Time of measurement: 17:30:49



correlated color temperature (CCT) 3,120 K
 TLCI 94

Referencec Spectrum Plank

	Lightness	Chroma	Hue
R	1	0	0
R/Y	0	0	-1
Y	0	0	-1
Y/G	0	0	-1
G	0	0	0
G/C	0	0	0
C	0	0	0
C/B	0	0	-1
B	0	-1	-1
B/M	1	0	2
M	1	0	2
M/R	1	0	2

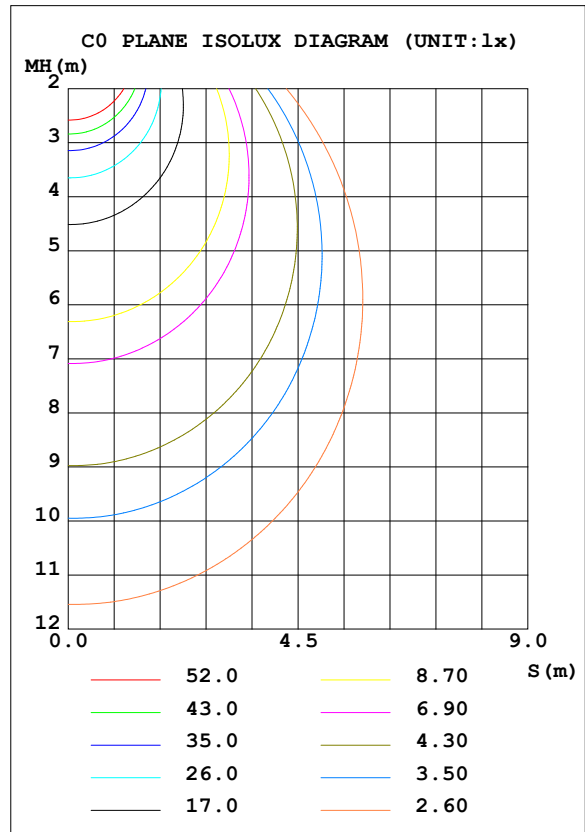
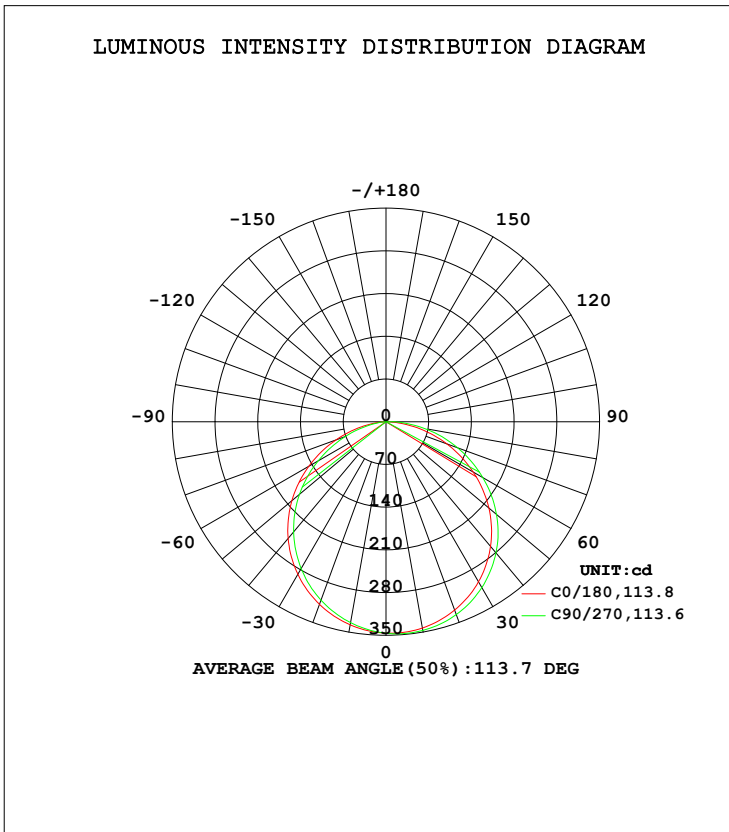


Test Colour	Value	Test Colour	Value	Test Colour	Value
Q1 Dark skin	91	Q7 Orange	99	Q13 Blue	95
Q2 Light skin	97	Q8 Purplish blue	97	Q14 Green	92
Q3 Blue sky	97	Q9 Moderate red	97	Q15 Red	98
Q4 Foliage	96	Q10 Purple	98	Q16 Yellow	88
Q5 Blue flower	98	Q11 Yellow green	86	Q17 Magenta	97
Q6 Bluish green	87	Q12 Orange yellow	98	Q18 Cyan	88

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	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)	348.3	S/MH (C0/180)	1.24
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1014.6	η UP, DN (C0-180)	0.3, 54.2
NOMINAL FLUX (lm)	1014.54	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 45.2
LAMPS INSIDE	1	η up (%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2023-11-07

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:

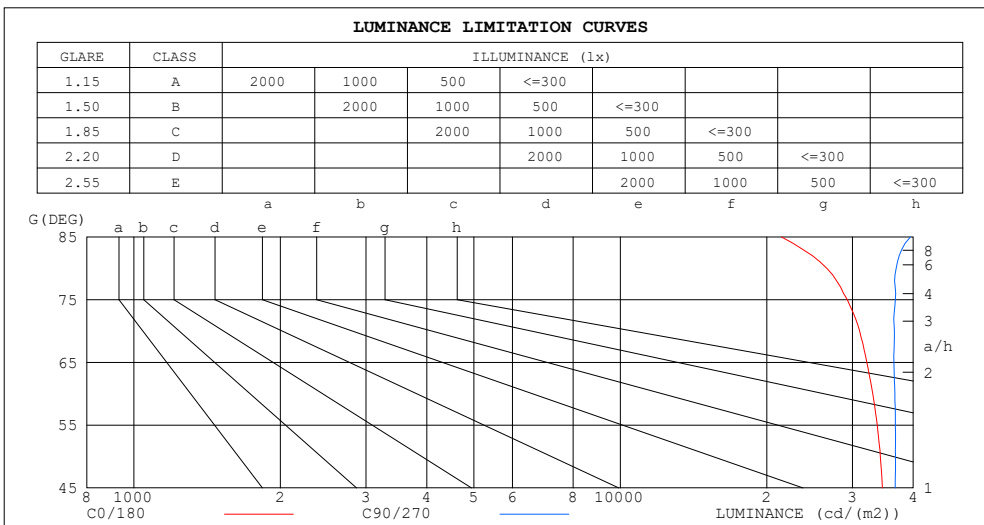
γ	C0	C90	C180	C270				γ	Φ zone	Φ total	%lum,lamp
10	343.2	347.2	338.0	334.3				0- 10	32.80	32.80	3.23,3.23
20	328.6	336.3	318.5	311.3				10- 20	94.15	126.9	12.5,12.5
30	303.0	313.9	288.7	277.9				20- 30	143.4	270.3	26.6,26.6
40	266.6	280.4	249.5	235.5				30- 40	174.0	444.3	43.8,43.8
50	220.1	236.4	201.4	185.1				40- 50	181.6	625.9	61.7,61.7
60	165.2	183.3	146.1	128.5				50- 60	164.4	790.3	77.9,77.9
70	106.2	125.1	87.46	71.17				60- 70	125.3	915.6	90.2,90.2
80	46.14	64.07	32.10	20.44				70- 80	72.33	987.9	97.4,97.4
90	1.727	10.32	0.3325	0.7413				80- 90	20.79	1009	99.4,99.4
100	0.3488	0.3697	0.4926	0.4513				90-100	0.9693	1010	99.5,99.5
110	0.5295	0.4927	0.7268	0.5788				100-110	0.5121	1010	99.6,99.6
120	0.7510	0.6777	0.9485	0.8125				110-120	0.6819	1011	99.6,99.6
130	0.9480	0.8870	1.146	1.022				120-130	0.8041	1012	99.7,99.7
140	1.143	1.109	1.330	1.194				130-140	0.8509	1013	99.8,99.8
150	1.306	1.293	1.478	1.347				140-150	0.7996	1013	99.9,99.9
160	1.416	1.478	1.577	1.478				150-160	0.6551	1014	99.9,99.9
170	1.519	1.604	1.595	1.552				160-170	0.4334	1014	100,100
180	1.601	1.613	1.589	1.601				170-180	0.1510	1015	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-11-07

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:

LUMINANCE LIMITATION CURVES

Test:U:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	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	21450	39464
80	26570	36895
75	29274	36767
70	31044	36581
65	32126	36502
60	33036	36665
55	33751	36756
50	34240	36775
45	34583	36741

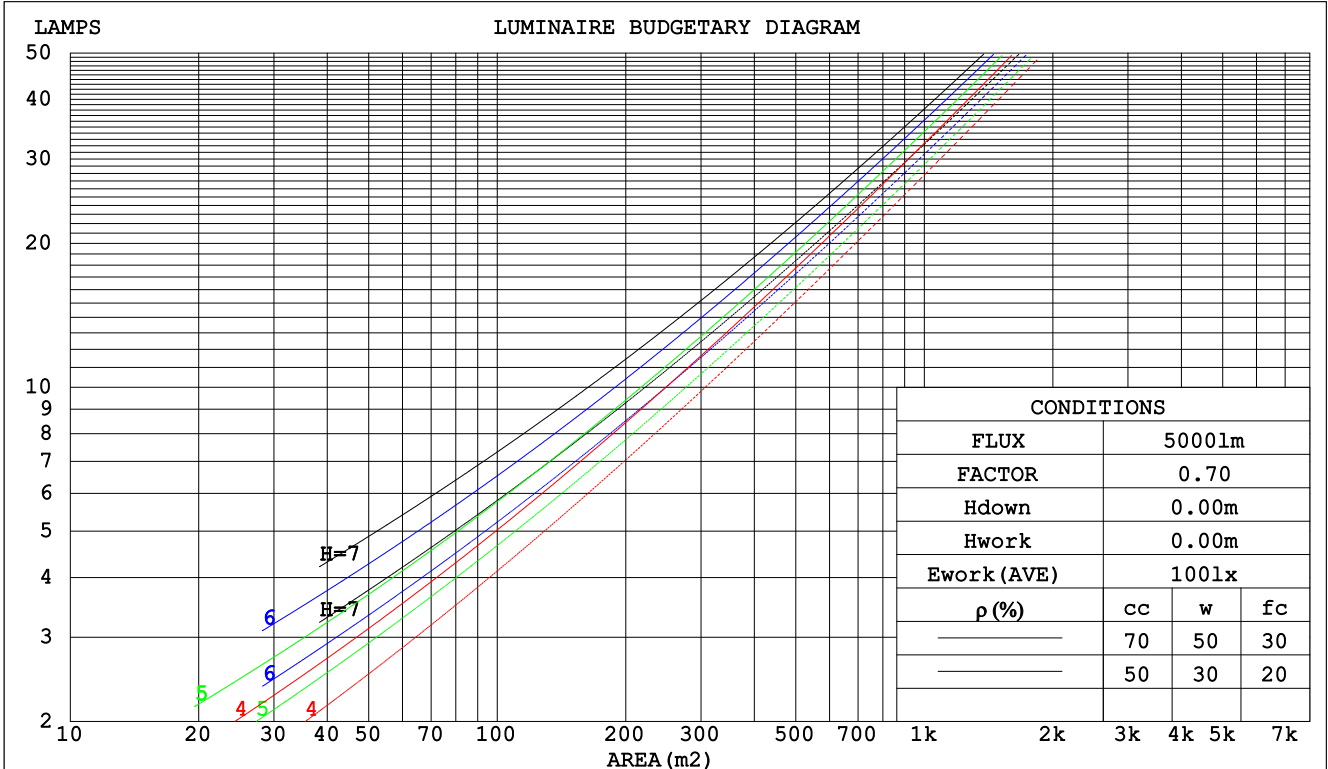
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-11-07

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.99
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm								
NAME: VL30-30K			TYPE: LED Strip			WEIGHT:		
SPEC.: 11.4W			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	.313	.178	.056	.306	.174	.055	.292	.167	.053	.279	.161	.052	.268	.155	.050	
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.048	.264	.148	.046	.254	.144	.045	
3.0	.271	.144	.043	.266	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.211	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.075	.021	.148	.074	.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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.185	.161	.139	.158	.138	.119	.108	.095	.082	.062	.055	.048	.020	.018	.016	
2.0	.177	.136	.102	.152	.117	.088	.104	.081	.062	.060	.047	.036	.019	.015	.012	
3.0	.169	.119	.079	.145	.102	.068	.100	.071	.048	.058	.042	.028	.018	.013	.009	
4.0	.162	.106	.063	.139	.091	.054	.095	.064	.038	.055	.037	.023	.018	.012	.007	
5.0	.154	.095	.052	.132	.082	.045	.091	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.147	.087	.044	.126	.075	.038	.087	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.140	.080	.038	.121	.069	.033	.083	.049	.023	.048	.029	.014	.016	.009	.005	
8.0	.134	.074	.033	.115	.064	.029	.080	.045	.021	.046	.027	.012	.015	.009	.004	
9.0	.128	.069	.030	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.105	.056	.024	.073	.040	.017	.043	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm										
NAME: VL30-30K			TYPE: LED Strip			WEIGHT:				
SPEC.: 11.4W			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	25.3	26.9	25.6	27.1	27.3	25.7	27.2	26.0	27.5	27.7
3H	27.0	28.4	27.3	28.6	28.9	27.5	28.9	27.8	29.2	29.4
4H	27.6	28.9	27.9	29.2	29.5	28.3	29.6	28.6	29.9	30.2
6H	28.1	29.4	28.4	29.6	29.9	29.0	30.2	29.3	30.5	30.8
8H	28.2	29.5	28.6	29.7	30.1	29.2	30.4	29.6	30.7	31.0
12H	28.3	29.5	28.7	29.8	30.1	29.4	30.6	29.8	30.9	31.2
4H 2H	26.1	27.4	26.4	27.7	27.9	26.3	27.7	26.7	27.9	28.2
3H	27.9	29.0	28.2	29.3	29.7	28.3	29.5	28.7	29.8	30.1
4H	28.7	29.7	29.0	30.1	30.4	29.3	30.3	29.6	30.7	31.0
6H	29.3	30.2	29.7	30.6	31.0	30.1	31.0	30.5	31.4	31.8
8H	29.5	30.4	29.9	30.7	31.1	30.4	31.3	30.8	31.7	32.1
12H	29.6	30.4	30.0	30.8	31.2	30.7	31.5	31.1	31.9	32.3
8H 4H	29.0	29.9	29.4	30.3	30.7	29.5	30.4	30.0	30.8	31.2
6H	29.8	30.5	30.3	31.0	31.4	30.5	31.3	31.0	31.7	32.1
8H	30.1	30.8	30.6	31.2	31.7	31.0	31.6	31.4	32.1	32.5
12H	30.3	30.9	30.8	31.3	31.8	31.4	31.9	31.8	32.4	32.9
12H 4H	29.1	29.9	29.5	30.3	30.7	29.6	30.4	30.0	30.8	31.2
6H	29.9	30.6	30.4	31.0	31.5	30.6	31.2	31.1	31.7	32.1
8H	30.3	30.8	30.7	31.3	31.8	31.1	31.6	31.6	32.1	32.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117, 1015 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.1)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Test Date:2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

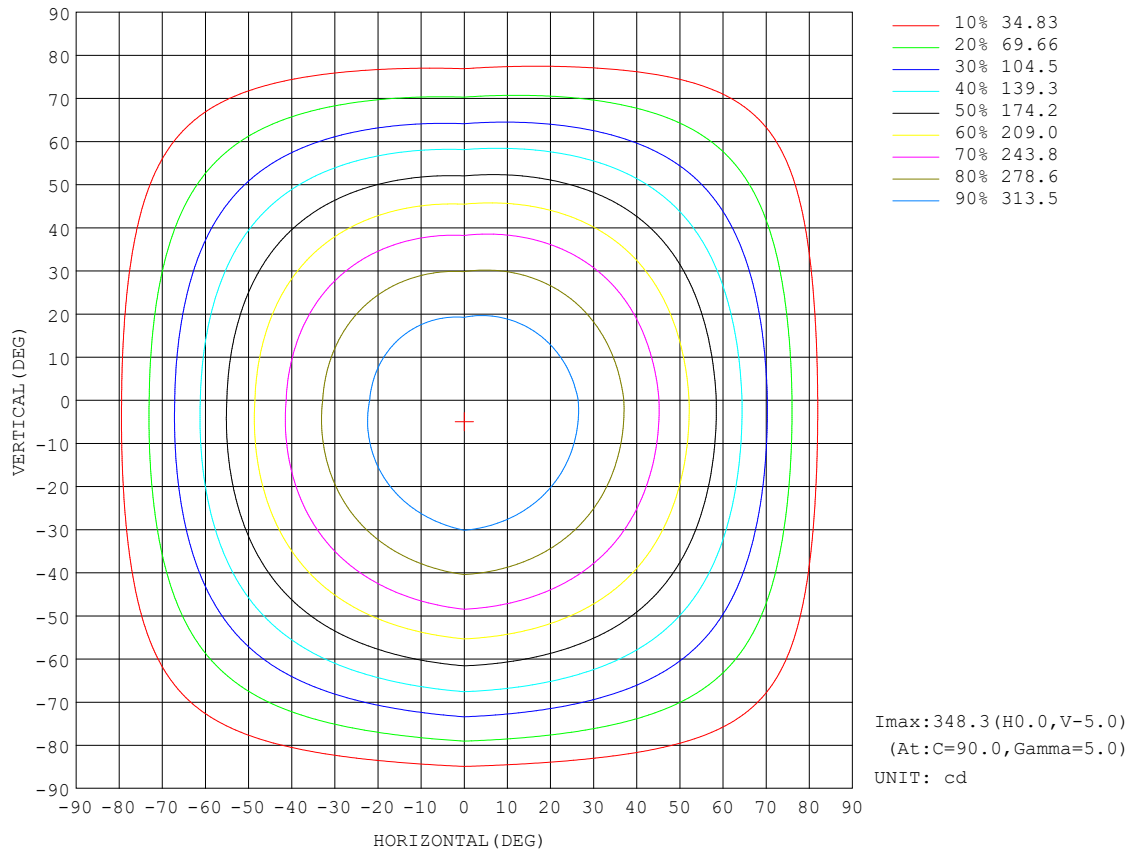
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	84	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
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:2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

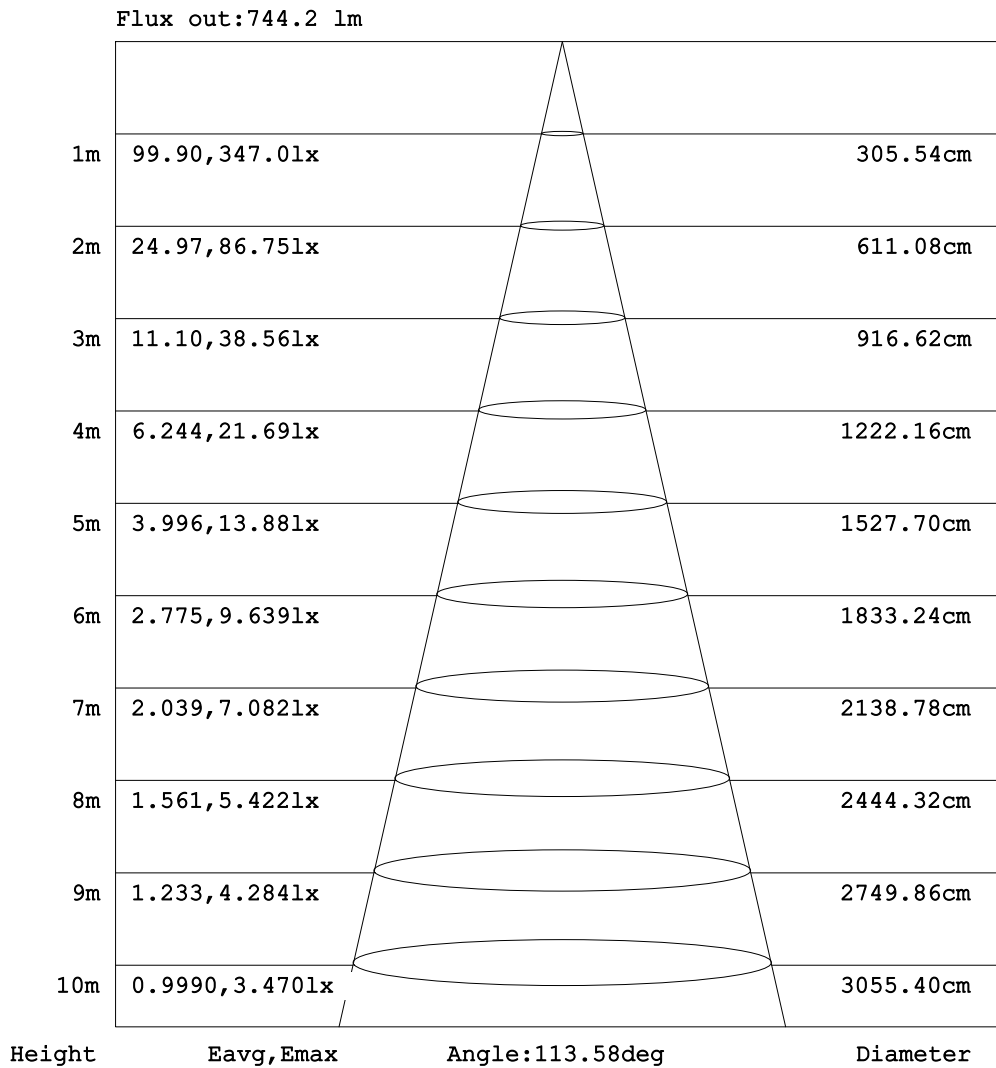


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120



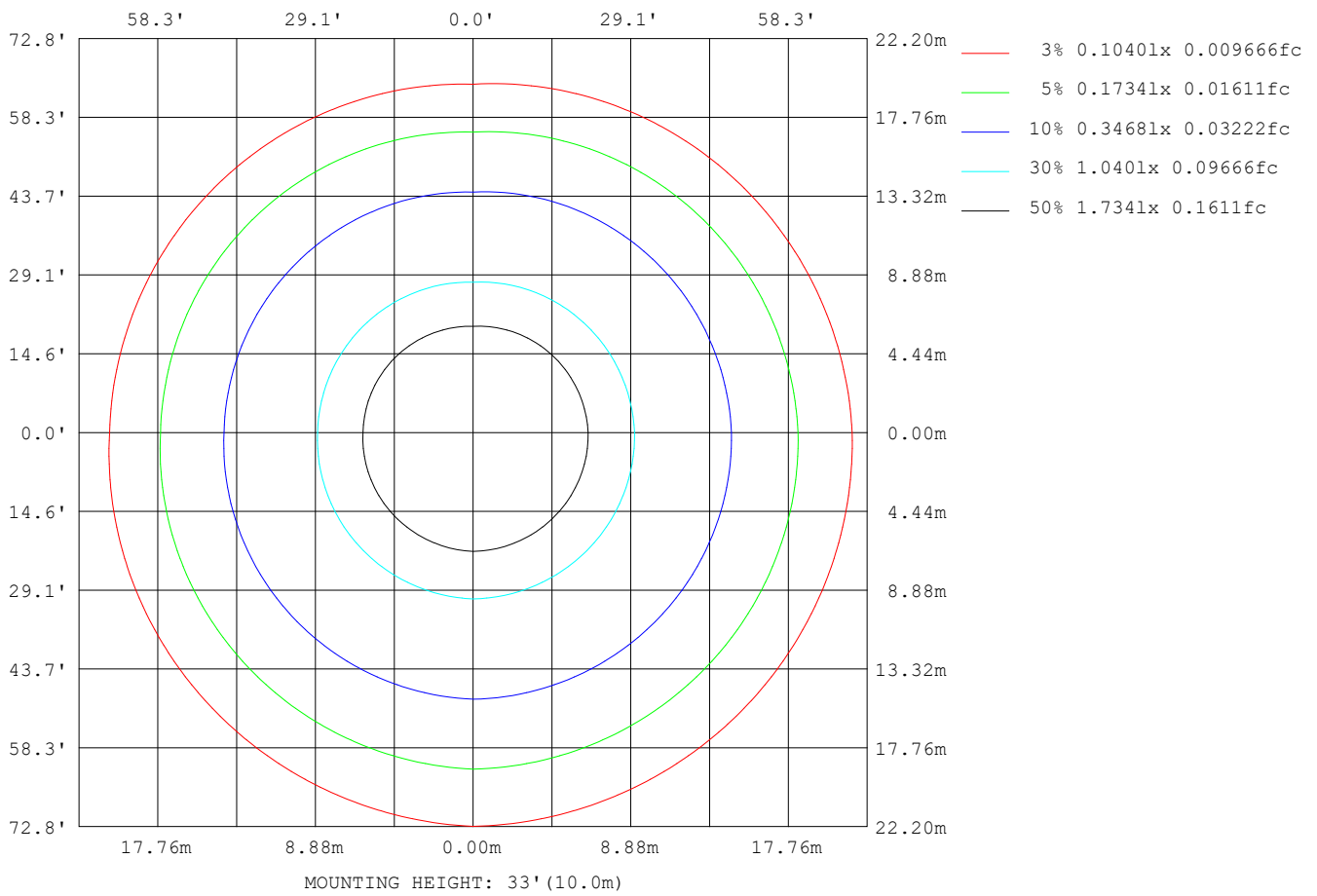
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	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:2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Évoralignt	SUR.: 0.01*1	Shielding Angle: 120

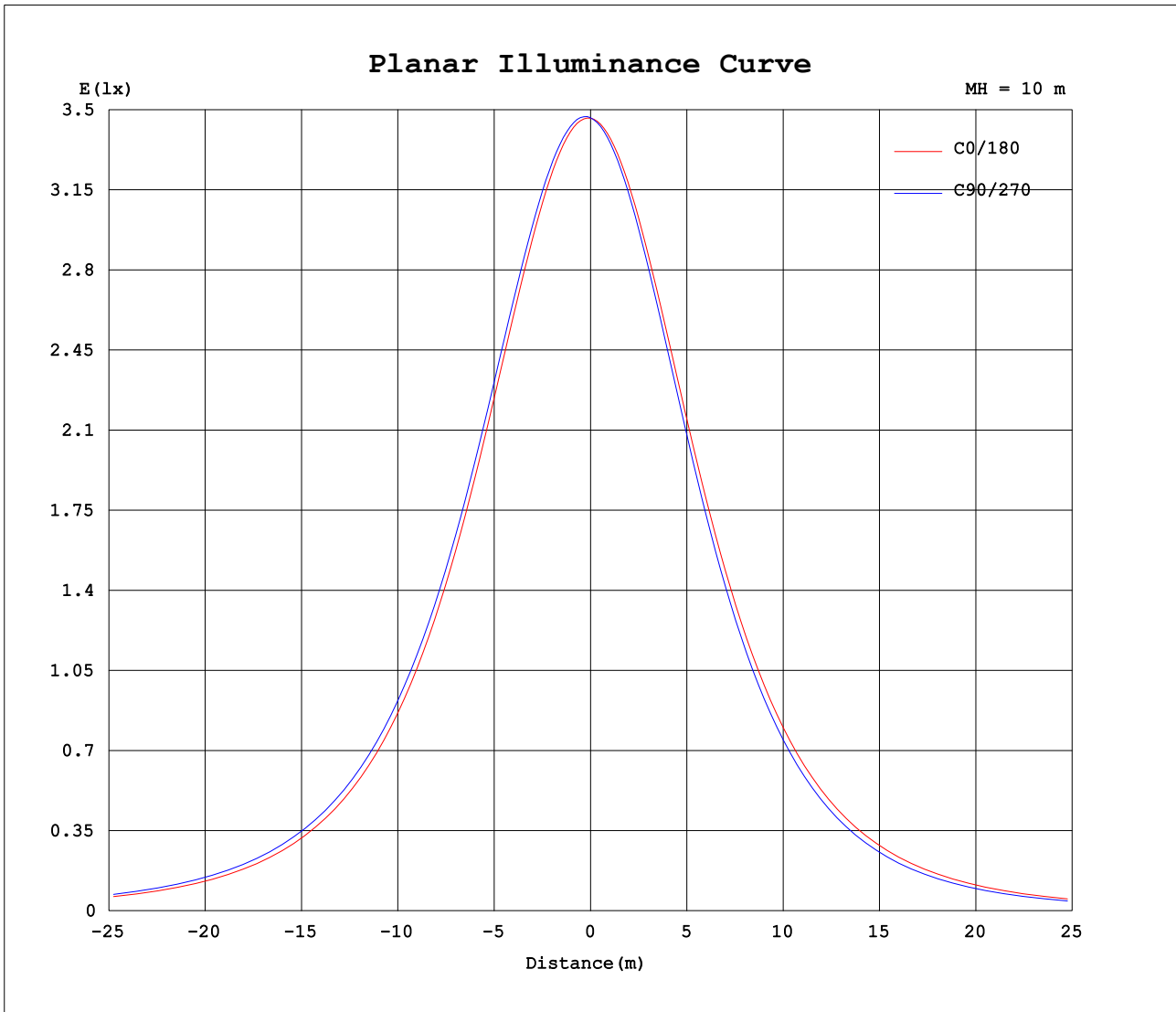
AvgL	cd/m2
L_0~180 (65) av	29903
L_0~180 (75) av	25976
L_0~180 (85) av	17127
L_90~270 (65) av	30018
L_90~270 (75) av	26915
L_90~270 (85) av	23072
L_45 (65) av	29836
L_45 (75) av	26357
L_45 (85) av	20572

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-11-07

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:2023-11-07

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:24.001V I:0.4766A P:11.439W PF:1.0000 Freq:0Hz Lamp Flux:1014.54x1 lm		
NAME: VL30-30K	TYPE: LED Strip	WEIGHT:
SPEC.: 11.4W	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	346	347	346	347															
5	346	348	344	342															
10	343	347	338	334															
15	337	343	330	324															
20	329	336	319	311															
25	317	327	305	296															
30	303	314	289	278															
35	286	298	270	258															
40	267	280	250	235															
45	245	260	226	211															
50	220	236	201	185															
55	194	211	174	157															
60	165	183	146	128															
65	136	154	117	99.5															
70	106	125	87.5	71.2															
75	75.8	95.2	58.7	44.2															
80	46.1	64.1	32.1	20.4															
85	18.7	34.4	11.2	5.82															
90	1.73	10.3	0.33	0.74															
95	0.33	0.74	0.39	0.45															
100	0.35	0.37	0.49	0.45															
105	0.41	0.42	0.59	0.50															
110	0.53	0.49	0.73	0.58															
115	0.62	0.59	0.81	0.73															
120	0.75	0.68	0.95	0.81															
125	0.82	0.80	1.05	0.92															
130	0.95	0.89	1.15	1.02															
135	1.06	1.01	1.24	1.12															
140	1.14	1.11	1.33	1.19															
145	1.18	1.21	1.40	1.31															
150	1.31	1.29	1.48	1.35															
155	1.34	1.38	1.54	1.43															
160	1.42	1.48	1.58	1.48															
165	1.50	1.55	1.59	1.52															
170	1.52	1.60	1.60	1.55															
175	1.56	1.61	1.60	1.58															
180	1.60	1.61	1.59	1.60															

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-11-07

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: