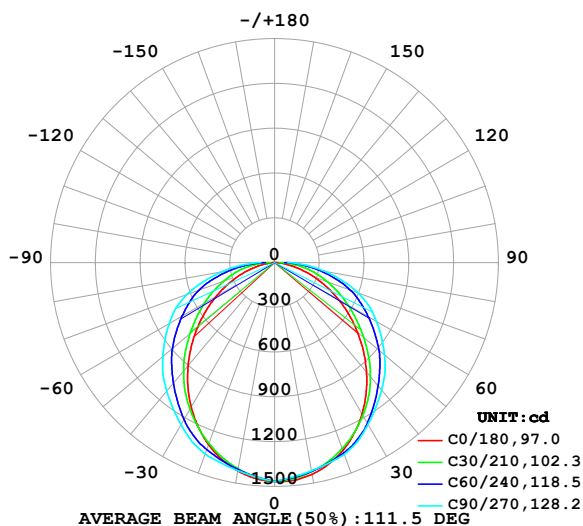


LUMINAIRE PHOTOMETRIC TEST REPORT

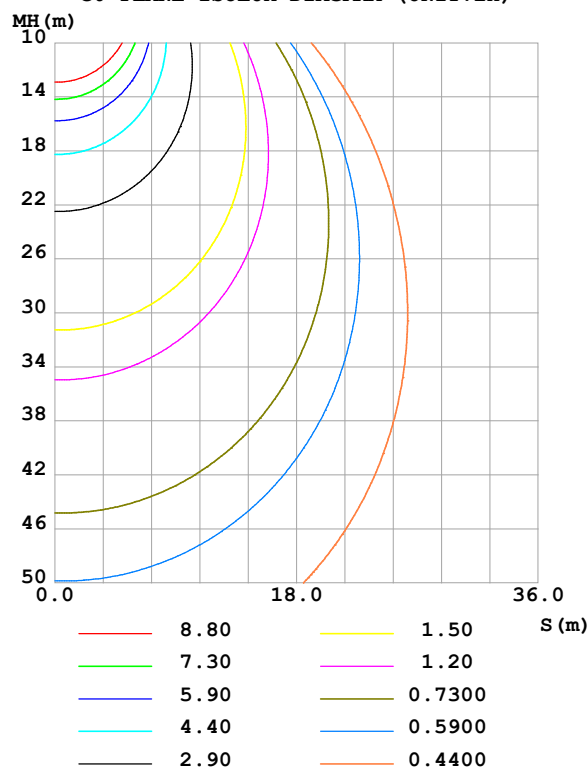
Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLN-W-2FT		
MFR.: EVERTIE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 158.02 lm/W			
MODEL		Imax (cd)	1468	S/MH(C0/180)	1.15
NOMINAL POWER(W)	26	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4234.1	η UP,DN(C0-180)	0.0,49.6
NOMINAL FLUX(lm)	4234.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1441	1421	1417	1405	1417	1404	1415	1420	0- 10	137.1	137.1	3.24,3.24
20	1339	1340	1367	1309	1297	1308	1364	1338	10- 20	388.6	525.7	12.4,12.4
30	1173	1220	1252	1178	1119	1178	1254	1218	20- 30	584.2	1110	26.2,26.2
40	958.8	1038	1115	992.7	902.6	999.1	1124	1042	30- 40	693.7	1804	42.6,42.6
50	725.1	844.1	960.9	800.9	673.6	814.4	978.0	855.5	40- 50	714.9	2518	59.5,59.5
60	494.3	650.2	788.9	611.6	451.4	630.6	815.0	666.0	50- 60	655.7	3174	75,75
70	280.8	466.1	596.5	433.6	249.1	455.4	626.2	484.5	60- 70	537.4	3712	87.7,87.7
80	99.94	262.2	342.8	245.4	81.46	255.3	359.8	278.5	70- 80	364.8	4076	96.3,96.3
90	5.700	51.09	89.12	55.88	6.879	44.95	93.40	63.82	80- 90	157.8	4234	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2163.6 lm

%lum = 51.1%

%lamp = 51.1%

Conical surface Flux(130deg): 3460.6 lm

%lum = 81.7%

%lamp = 81.7%

H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

LUMINANCE LIMITATION CURVES

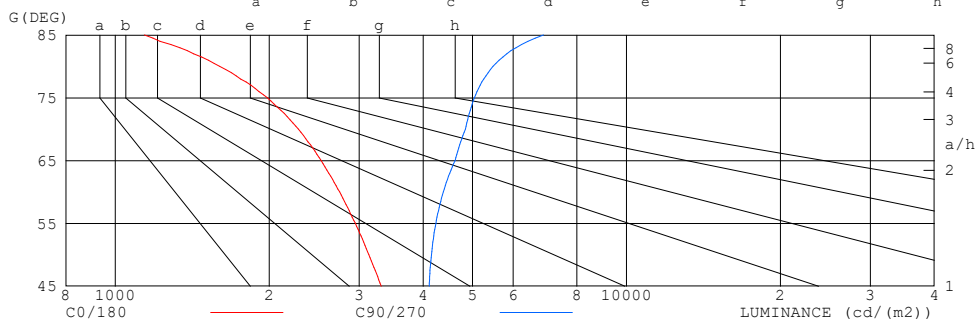
Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm

NAME: ETLSN-W-2FT

MFR.: EVERTIE

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1140	6883
80	1599	5483
75	1982	5040
70	2281	4844
65	2527	4620
60	2746	4383
55	2946	4237
50	3134	4152
45	3312	4112

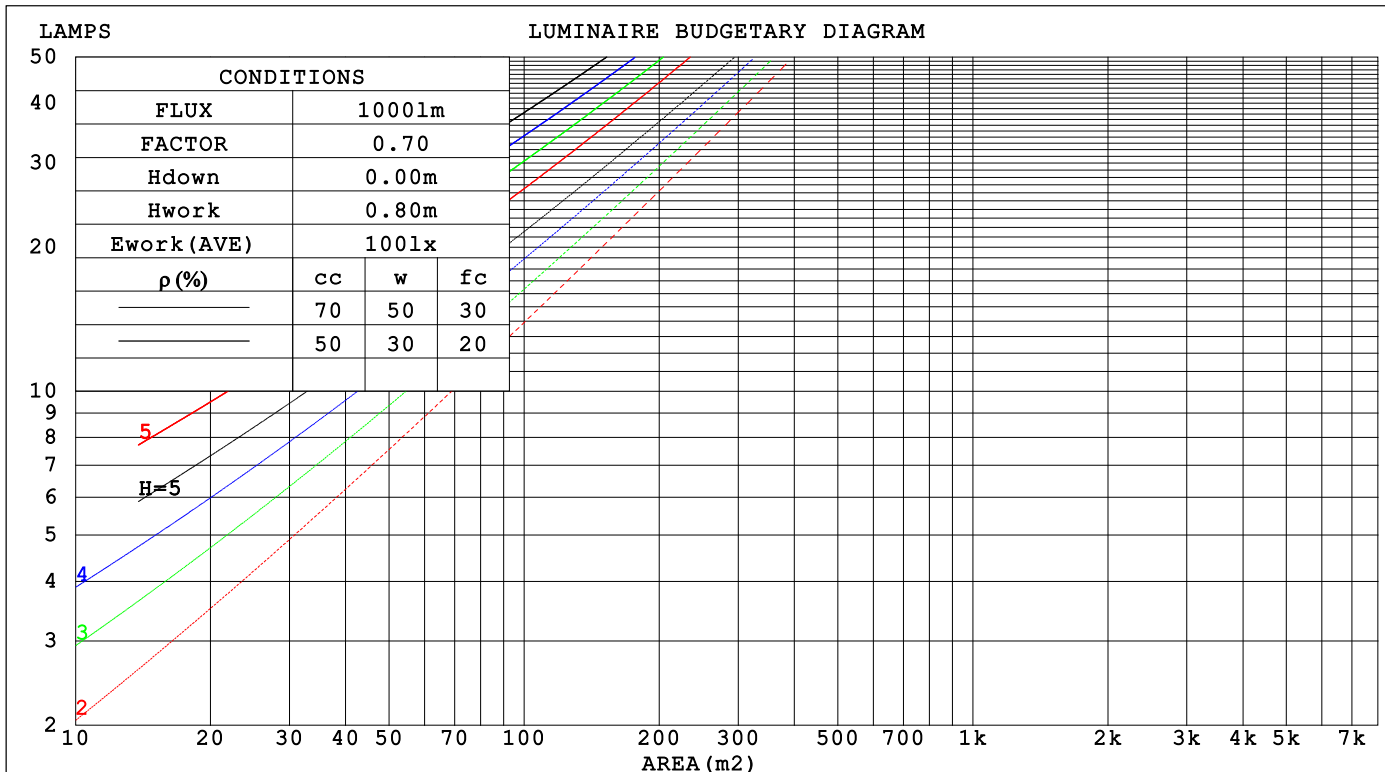
H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLSN-W-2FT		
MFR.: EVERTIE		

pcc	80%			70%			50%			30%			10%			0														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{fc}	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	1.00														
1.0	1.02	.98	.94	1.00	.96	.92	.96	.92	.89	.92	.89	.86	.88	.86	.84	.82														
2.0	.89	.81	.75	.87	.80	.74	.83	.78	.73	.80	.75	.71	.77	.73	.69	.67														
3.0	.78	.69	.62	.76	.68	.62	.73	.66	.61	.70	.64	.59	.68	.63	.58	.56														
4.0	.69	.59	.53	.67	.59	.52	.65	.57	.51	.62	.56	.51	.60	.55	.50	.48														
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41														
6.0	.55	.46	.39	.54	.45	.39	.52	.45	.39	.51	.44	.38	.49	.43	.38	.36														
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.34	.46	.39	.34	.45	.39	.34	.32														
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.35	.30	.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	.30	.25	.35	.29	.25	.23														



H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

WEC AND CCEC

Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLN-W-2FT		
MFR.: EVERTIE		

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	.337	.192	.061	.330	.188	.060	.317	.182	.058	.304	.176	.056	.293	.170	.055		
2.0	.308	.169	.052	.302	.166	.051	.290	.161	.050	.279	.157	.049	.269	.152	.048		
3.0	.281	.150	.045	.276	.148	.044	.265	.144	.044	.255	.140	.043	.246	.136	.042		
4.0	.257	.134	.039	.252	.132	.039	.243	.129	.038	.234	.126	.038	.226	.123	.037		
5.0	.236	.120	.035	.232	.119	.035	.224	.116	.034	.216	.114	.034	.209	.112	.034		
6.0	.218	.109	.031	.214	.108	.031	.207	.106	.031	.200	.104	.031	.194	.102	.030		
7.0	.202	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.094	.028		
8.0	.188	.092	.026	.185	.091	.026	.179	.090	.026	.174	.088	.025	.169	.087	.025		
9.0	.176	.085	.024	.173	.085	.024	.168	.083	.024	.163	.082	.023	.159	.081	.023		
10.0	.165	.079	.022	.163	.079	.022	.158	.077	.022	.154	.076	.022	.149	.075	.022		

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.182	.156	.132	.156	.134	.114	.107	.092	.079	.061	.053	.046	.020	.017	.015		
2.0	.174	.132	.096	.149	.113	.083	.102	.079	.058	.059	.046	.034	.019	.015	.011		
3.0	.167	.114	.073	.143	.099	.063	.098	.069	.044	.057	.040	.026	.018	.013	.009		
4.0	.159	.101	.057	.136	.087	.050	.094	.061	.035	.054	.036	.021	.017	.012	.007		
5.0	.151	.091	.046	.130	.079	.040	.089	.055	.028	.052	.032	.017	.017	.011	.006		
6.0	.144	.082	.039	.124	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005		
7.0	.137	.076	.033	.118	.066	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004		
8.0	.130	.070	.028	.112	.061	.025	.077	.042	.018	.045	.025	.010	.015	.008	.003		
9.0	.124	.065	.025	.107	.056	.022	.074	.040	.015	.043	.023	.009	.014	.008	.003		
10.0	.118	.060	.022	.102	.053	.019	.071	.037	.014	.041	.022	.008	.013	.007	.003		

H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm										
NAME: ETLSN-W-2FT										
MFR.: EVERTIE										
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	9.4	10.9	9.6	11.1	11.3	11.5	13.0	11.7	13.2	13.4
3H	10.6	12.0	10.9	12.3	12.5	13.6	15.1	13.9	15.3	15.6
4H	11.0	12.4	11.3	12.6	12.9	14.6	16.0	15.0	16.3	16.5
6H	11.3	12.6	11.6	12.8	13.1	15.5	16.8	15.9	17.1	17.4
8H	11.3	12.6	11.7	12.9	13.2	15.9	17.2	16.3	17.5	17.8
12H	11.3	12.5	11.7	12.8	13.1	16.3	17.5	16.7	17.8	18.1
4H 2H	10.4	11.8	10.7	12.0	12.3	12.0	13.3	12.3	13.6	13.8
3H	11.8	13.0	12.2	13.3	13.6	14.4	15.6	14.7	15.9	16.2
4H	12.4	13.5	12.8	13.9	14.2	15.6	16.7	15.9	17.0	17.3
6H	12.8	13.8	13.2	14.2	14.5	16.6	17.6	17.1	18.0	18.4
8H	12.9	13.8	13.3	14.2	14.6	17.1	18.1	17.6	18.4	18.8
12H	13.0	13.8	13.4	14.2	14.6	17.6	18.5	18.0	18.9	19.3
8H 4H	13.2	14.1	13.6	14.5	14.9	15.8	16.8	16.2	17.1	17.5
6H	13.9	14.6	14.3	15.1	15.5	17.1	17.9	17.6	18.3	18.7
8H	14.1	14.8	14.6	15.2	15.7	17.8	18.5	18.2	18.9	19.4
12H	14.2	14.8	14.7	15.3	15.8	18.4	19.0	18.9	19.5	20.0
12H 4H	13.4	14.2	13.8	14.6	15.0	15.8	16.7	16.3	17.1	17.5
6H	14.2	14.9	14.6	15.3	15.7	17.2	17.9	17.7	18.3	18.8
8H	14.5	15.1	15.0	15.6	16.0	17.9	18.5	18.4	19.0	19.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117, 4234 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.0)
Area: 0.36 m2

H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLN-W-2FT		
MFR.: EVERTIE		

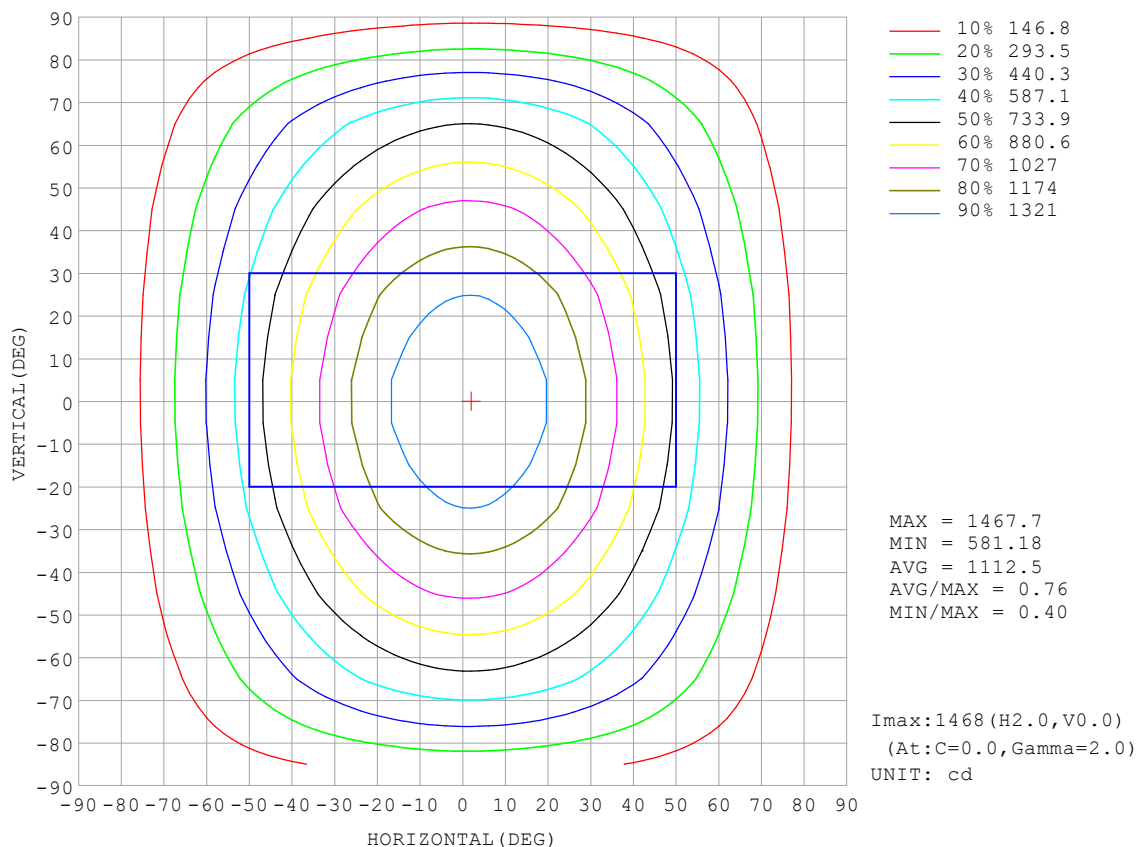
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	55	73	62	55	71	64	55	47
1.25	82	71	63	80	70	63	77	68	62	54
1.50	87	76	69	85	75	68	82	73	67	59
2.00	93	84	78	92	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	95	89	84	76
4.00	105	99	94	103	97	92	98	94	90	81
5.00	108	102	98	105	100	96	101	97	93	84
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 2.0DEG
 Test Speed: HIGH
 Temperature:25.3 °C
 Operators:QUYEN
 Test Date:2026-01-21

$V(\beta)$ Range:-90 - 90DEG
 $V(\beta)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
 Humidity:65.0%
 Test Distance:6.100m [K=1.0820]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLN-W-2FT		
MFR.: EVERTIE		

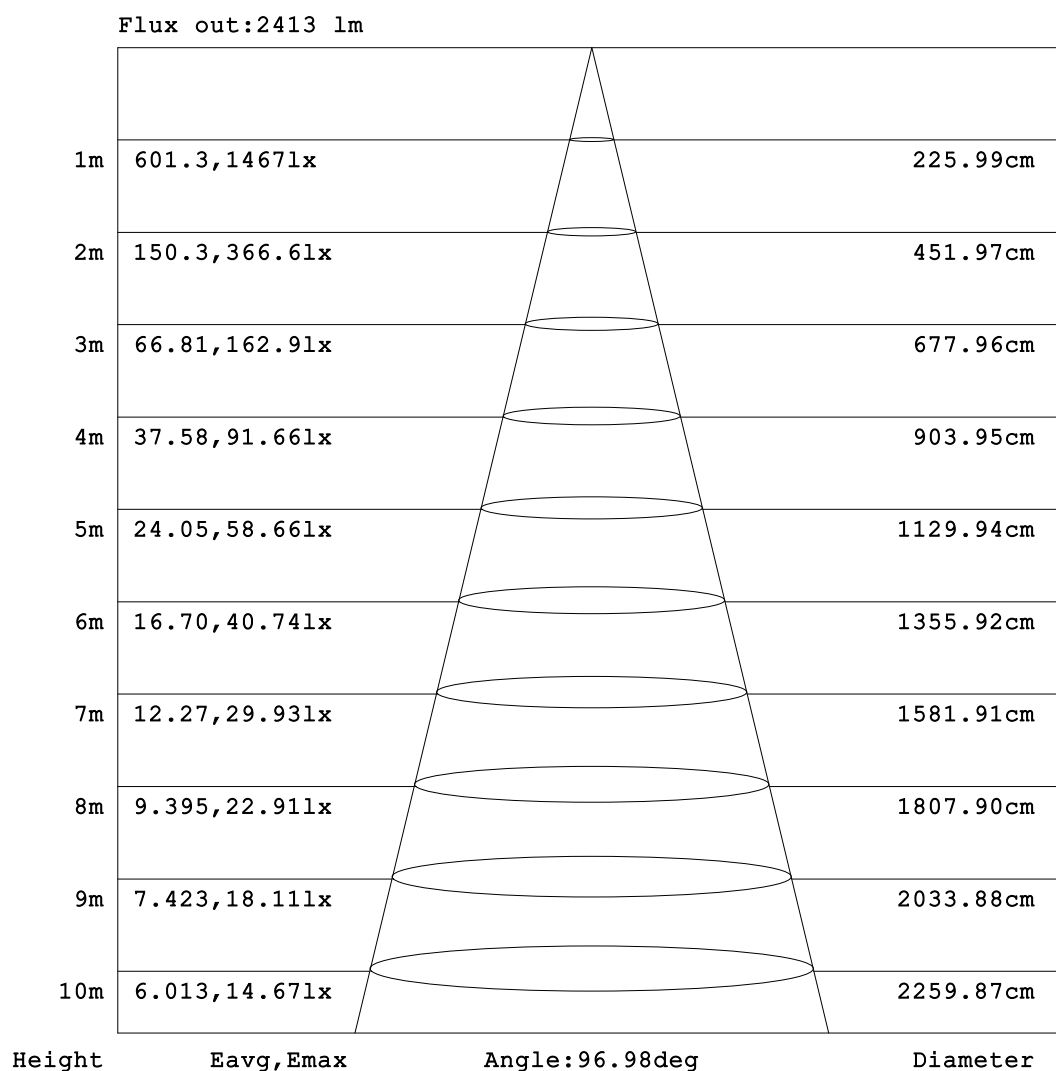


H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

AAI Figure

Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLSN-W-2FT		
MFR.: EVERTIE		



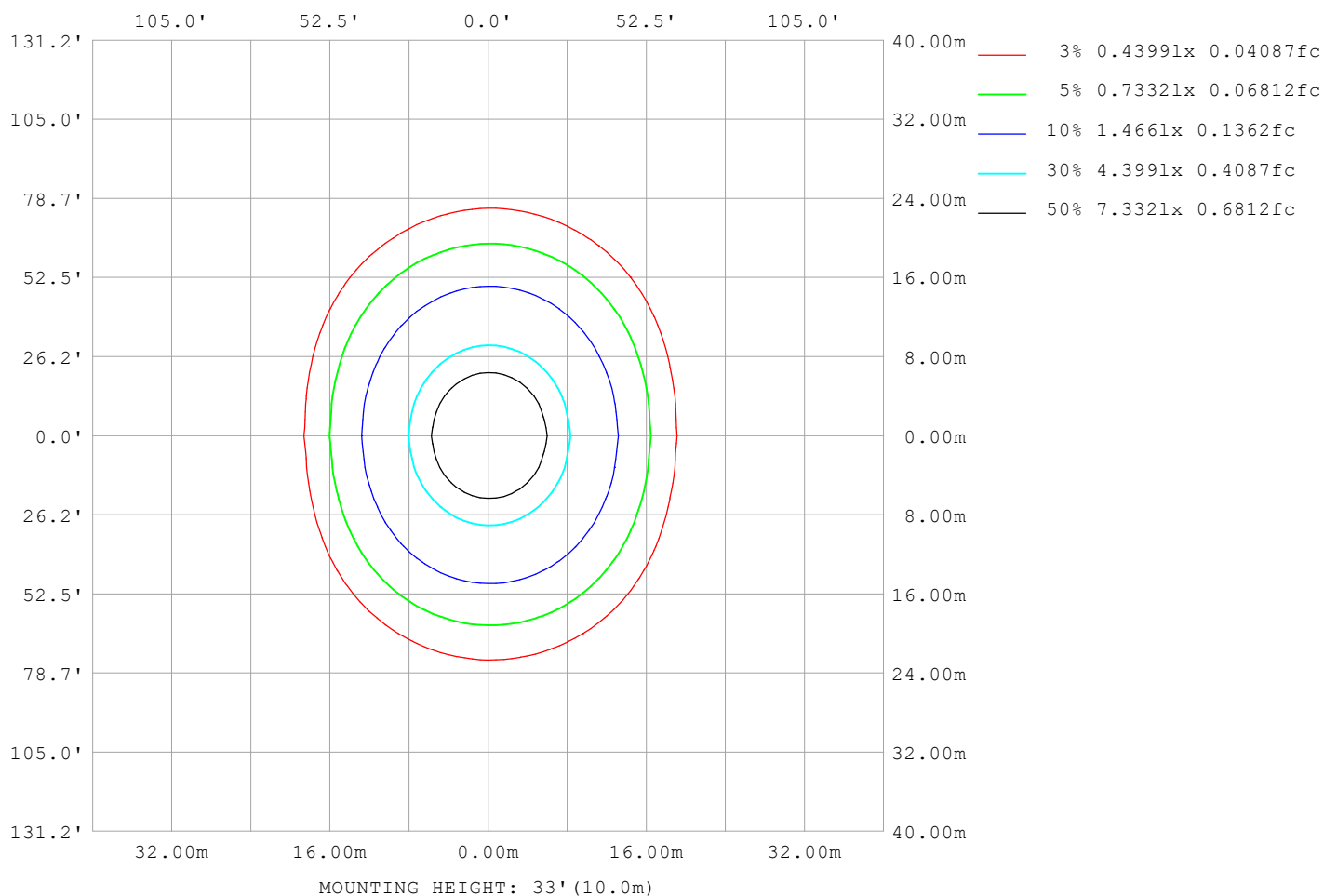
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
 H(β) Interval: 2.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: QUYEN
 Test Date: 2026-01-21

V(B) Range: -90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.489
 Humidity: 65.0%
 Test Distance: 6.100m [K=1.0820]
 Remarks:

ISOLUX DIAGRAM

Test: U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLN-W-2FT		
MFR.: EVERTIE		



H(β) Range:-90 - 90DEG
 H(β) Interval: 2.0DEG
 Test Speed: HIGH
 Temperature:25.3 °C
 Operators:QUYEN
 Test Date:2026-01-21

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
 Humidity:65.0%
 Test Distance:6.100m [K=1.0820]
 Remarks:

LED Avg.L Report

Test:U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4234.1x1 lm		
NAME: ETLN-W-2FT		
MFR.: EVERTIE		

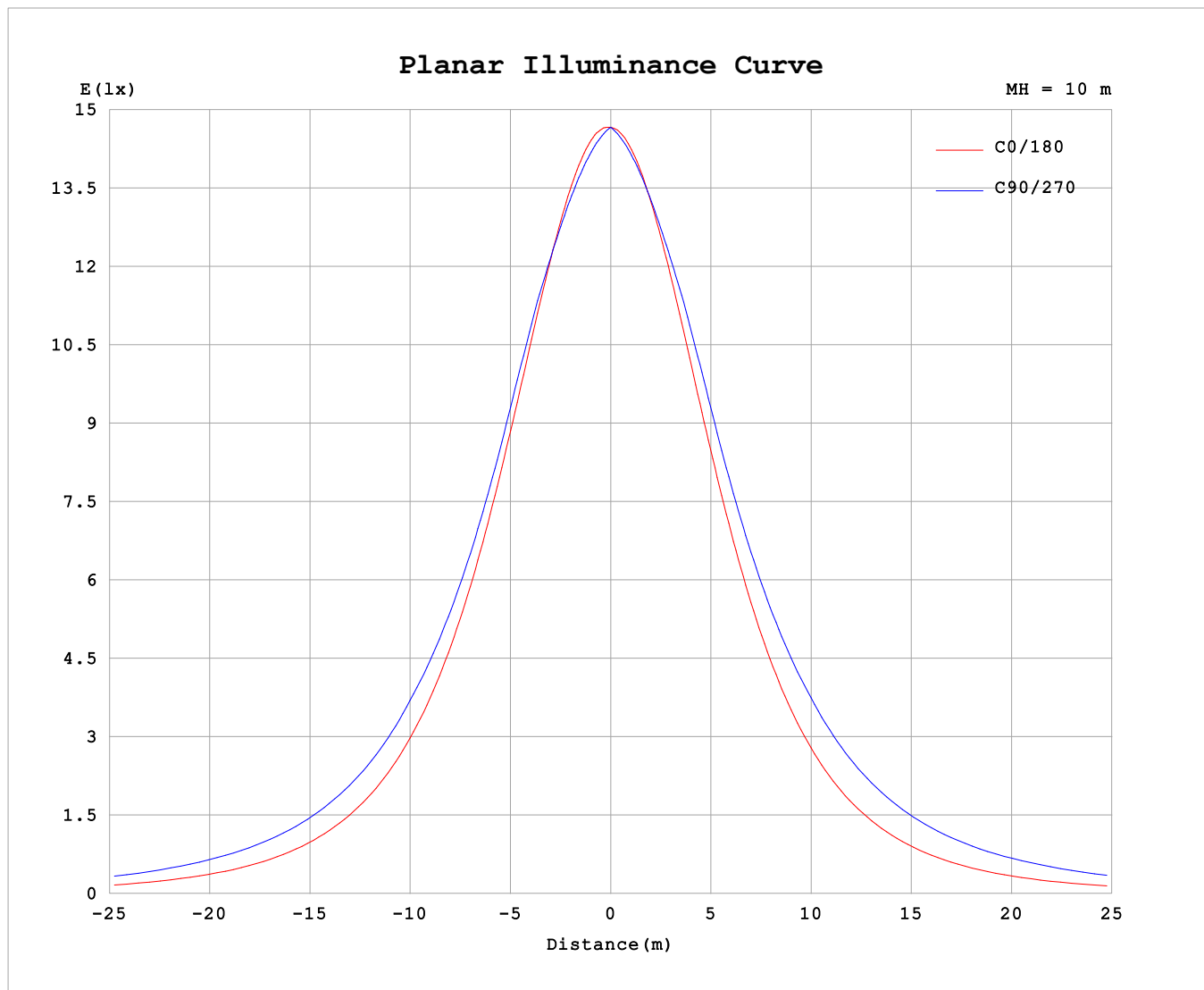
AvgL	cd/m2
L_0~180 (65) av	2405
L_0~180 (75) av	1844
L_0~180 (85) av	974
L_90~270 (65) av	4721
L_90~270 (75) av	5166
L_90~270 (85) av	7052
L_45 (65) av	3594
L_45 (75) av	3948
L_45 (85) av	4963

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

Test: U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 4234.1x1 lm		
NAME: ETLN-W-2FT		
MFR.: EVERTIE		

UNIT: cd

H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QUYEN
Test Date:2026-01-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

Test: U:121.26V I:0.2213A P:26.795W PF:0.9986 Freq:59.98Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 4234.1x1 lm		
NAME: ETLSN-W-2FT		
MFR.: EVERTIE		

UNIT: cd

[illegible]

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks:

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:6.100m [K=1.0820]
Remarks: