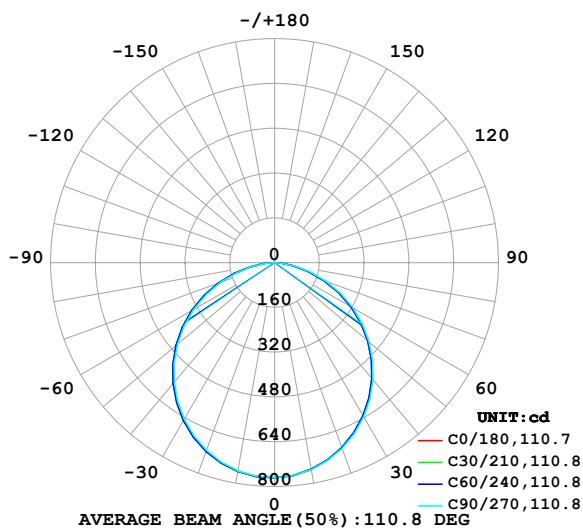


LUMINAIRE PHOTOMETRIC TEST REPORT

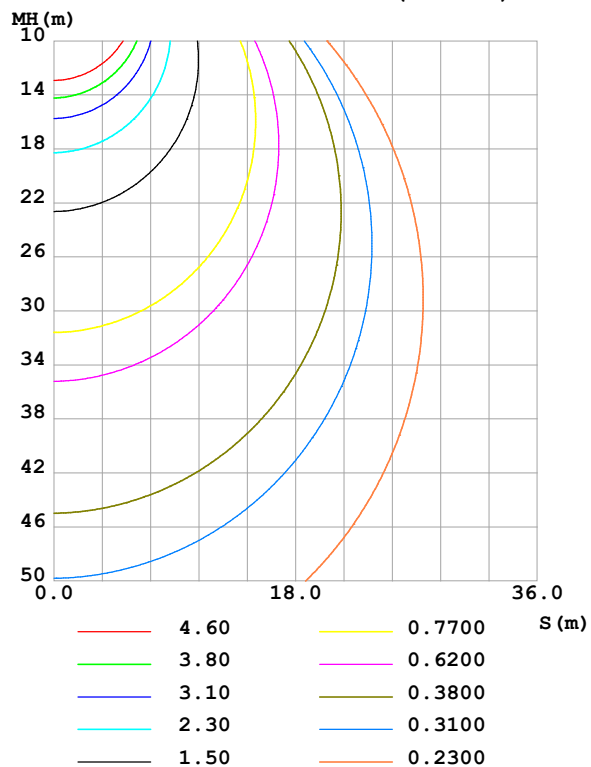
Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.35 lm/W
STRLT-AP1-ST-11-248-WH-120-5S-30K		I _{max} (cd)	768.7	S/MH(C0/180)	1.26	
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2145.4	η UP,DN(C0-180)	0.0,49.3	
NOMINAL FLUX(lm)	2145.41	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.7	
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)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [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	750.2	749.8	751.7	754.4	757.0	757.7	755.6	753.0	0- 10	72.66	72.66	3.39,3.39
20	703.8	703.0	706.5	711.3	716.4	717.9	713.7	708.9	10- 20	207.5	280.1	13.1,13.1
30	632.8	631.7	636.7	643.1	650.2	652.0	646.7	639.7	20- 30	312.8	592.9	27.6,27.6
40	541.9	540.6	546.7	554.2	562.7	564.8	558.1	550.1	30- 40	374.9	967.8	45.1,45.1
50	435.4	434.1	440.9	448.9	458.1	460.5	453.3	444.4	40- 50	386.8	1355	63.1,63.1
60	315.9	314.7	322.2	330.3	339.1	341.9	334.5	325.1	50- 60	347.4	1702	79.3,79.3
70	188.1	187.5	194.8	201.9	210.0	212.9	205.6	196.1	60- 70	261.5	1964	91.5,91.5
80	68.97	68.83	73.58	77.90	84.47	87.44	82.85	72.08	70- 80	144.5	2108	98.3,98.3
90	1.465	1.480	1.391	1.328	1.980	2.984	1.561	1.646	80- 90	37.34	2145	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): 1162.9 lm

%lum = 54.2%

%lamp = 54.2%

Conical surface Flux(130deg): 1846 lm

%lum = 86.0%

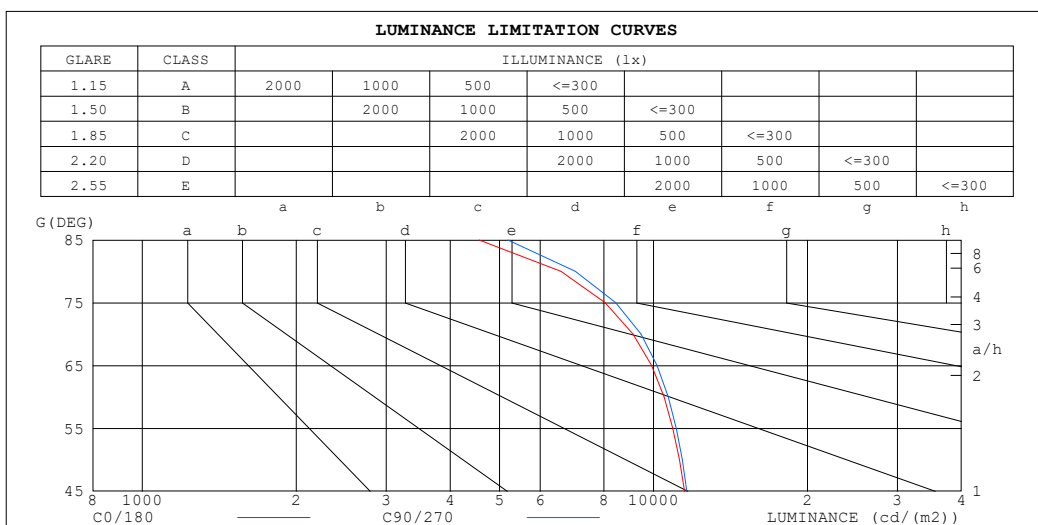
%lamp = 86.0%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4559	5188
80	6588	7029
75	8046	8429
70	9121	9449
65	9913	10164
60	10481	10689
55	10899	11075
50	11235	11377
45	11502	11622

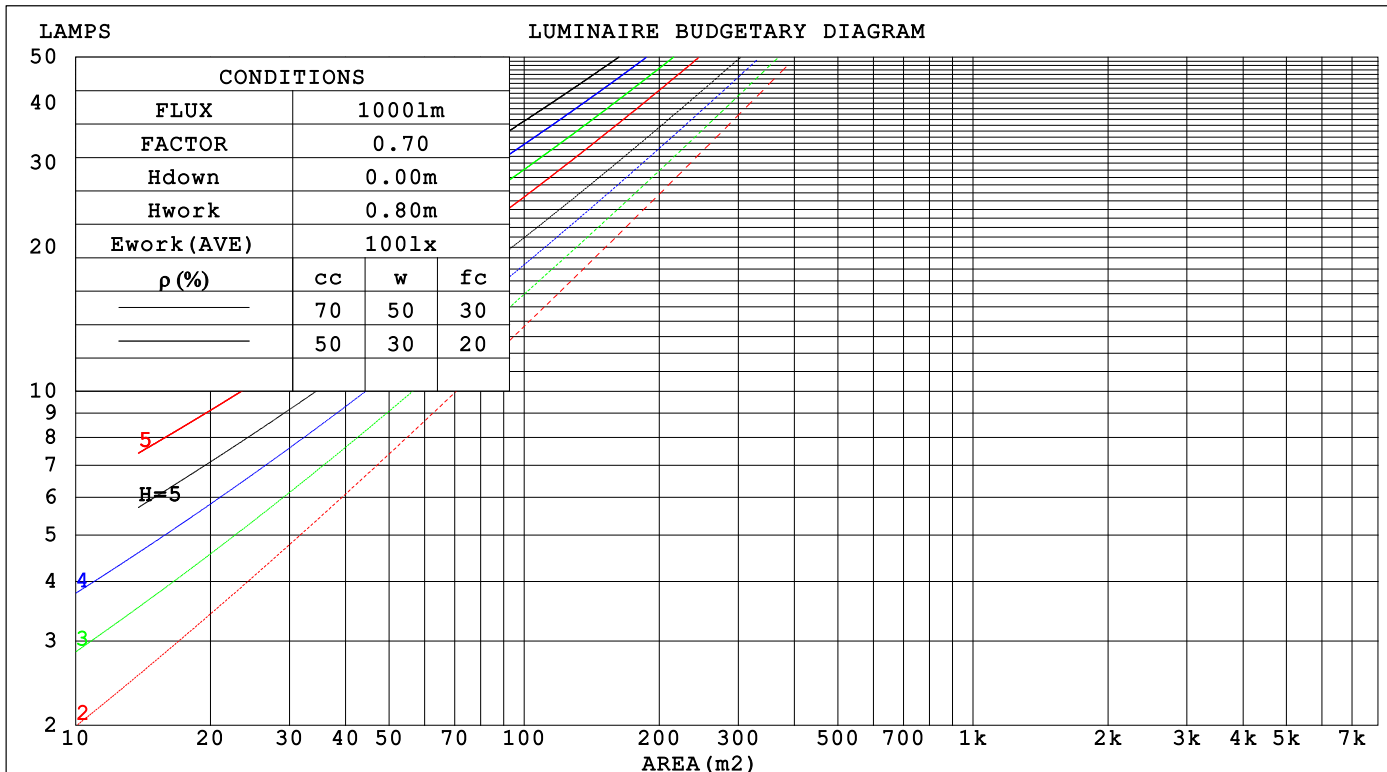
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:

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															



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	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	.306	.174	.055	.299	.171	.054	.286	.164	.052	.274	.158	.051	.263	.152	.049		
2.0	.289	.159	.049	.283	.156	.048	.271	.151	.047	.261	.146	.046	.251	.142	.045		
3.0	.268	.143	.043	.263	.141	.042	.252	.137	.042	.243	.133	.041	.234	.130	.040		
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.177	.092	.027		
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015		
2.0	.172	.132	.098	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011		
3.0	.164	.114	.075	.141	.099	.065	.097	.068	.045	.056	.040	.027	.018	.013	.009		
4.0	.157	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007		
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006		
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005		
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004		
8.0	.129	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004		
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003		
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm										
NAME: STRLT-AP1-ST-11-248-WH-120-5S					TYPE:			WEIGHT:		
SPEC.: 11"24W					DIM.:			SERIAL No.: 1#-30K		
MFR.: YOURZOR					SUR.: 0.277			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	18.4	19.9	18.7	20.1	20.3	18.5	20.0	18.7	20.2	20.4
3H	19.8	21.2	20.1	21.4	21.6	19.9	21.3	20.2	21.5	21.7
4H	20.3	21.6	20.6	21.8	22.1	20.4	21.7	20.7	22.0	22.2
6H	20.5	21.8	20.9	22.1	22.3	20.7	21.9	21.0	22.2	22.5
8H	20.6	21.8	20.9	22.1	22.3	20.7	21.9	21.1	22.2	22.5
12H	20.6	21.7	20.9	22.0	22.3	20.7	21.9	21.1	22.2	22.5
4H 2H	19.0	20.3	19.3	20.6	20.8	19.0	20.3	19.3	20.6	20.9
3H	20.5	21.7	20.9	22.0	22.3	20.6	21.8	20.9	22.0	22.4
4H	21.1	22.2	21.5	22.5	22.8	21.2	22.3	21.6	22.6	22.9
6H	21.5	22.4	21.9	22.8	23.1	21.6	22.5	22.0	22.9	23.3
8H	21.5	22.4	21.9	22.8	23.2	21.7	22.5	22.1	22.9	23.3
12H	21.6	22.4	22.0	22.7	23.2	21.7	22.5	22.1	22.9	23.3
8H 4H	21.3	22.2	21.7	22.6	22.9	21.4	22.3	21.8	22.6	23.0
6H	21.8	22.5	22.2	22.9	23.3	21.9	22.6	22.3	23.0	23.4
8H	21.9	22.5	22.3	22.9	23.4	22.0	22.6	22.5	23.1	23.5
12H	21.9	22.5	22.4	22.9	23.4	22.1	22.6	22.6	23.1	23.6
12H 4H	21.3	22.1	21.7	22.5	22.9	21.4	22.2	21.8	22.6	23.0
6H	21.8	22.4	22.2	22.8	23.3	21.9	22.5	22.3	23.0	23.4
8H	21.9	22.4	22.4	22.9	23.4	22.0	22.6	22.5	23.0	23.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 2145 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)
Area: 0.0603 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:

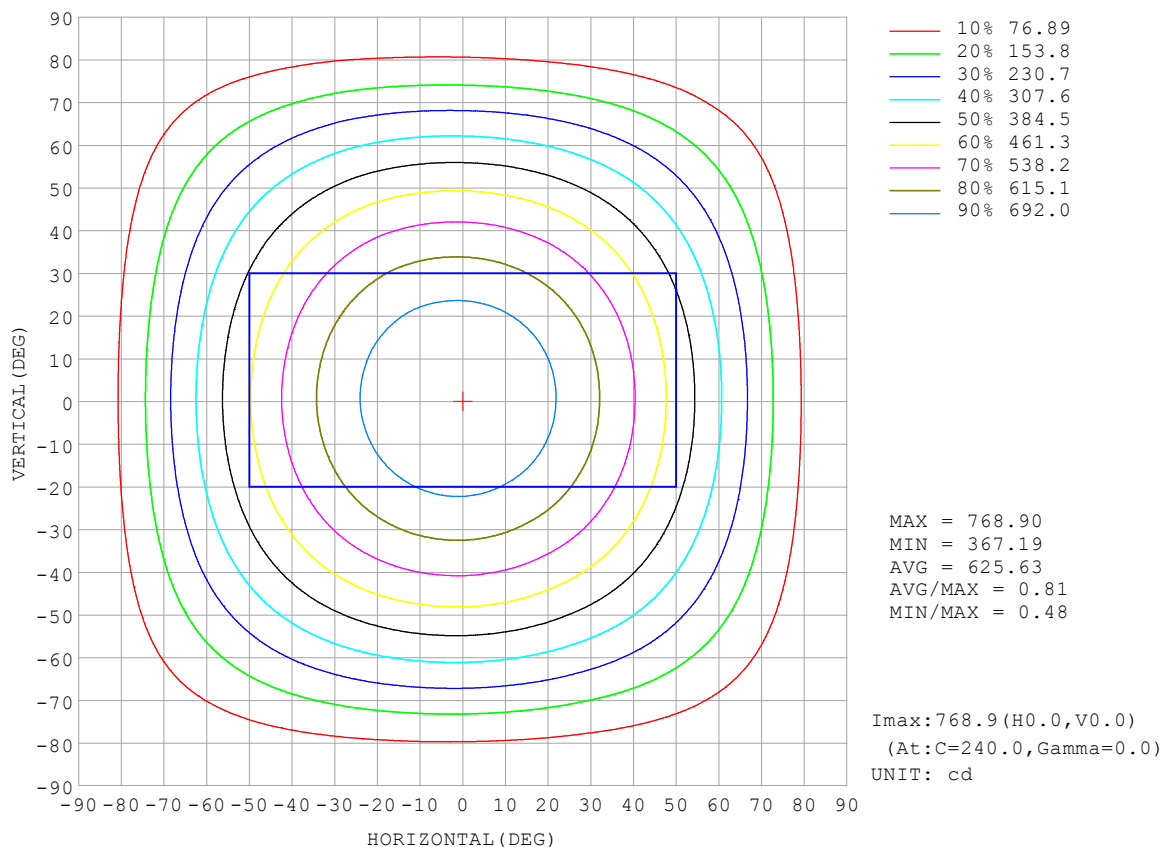
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2026-01-24

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.144m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:

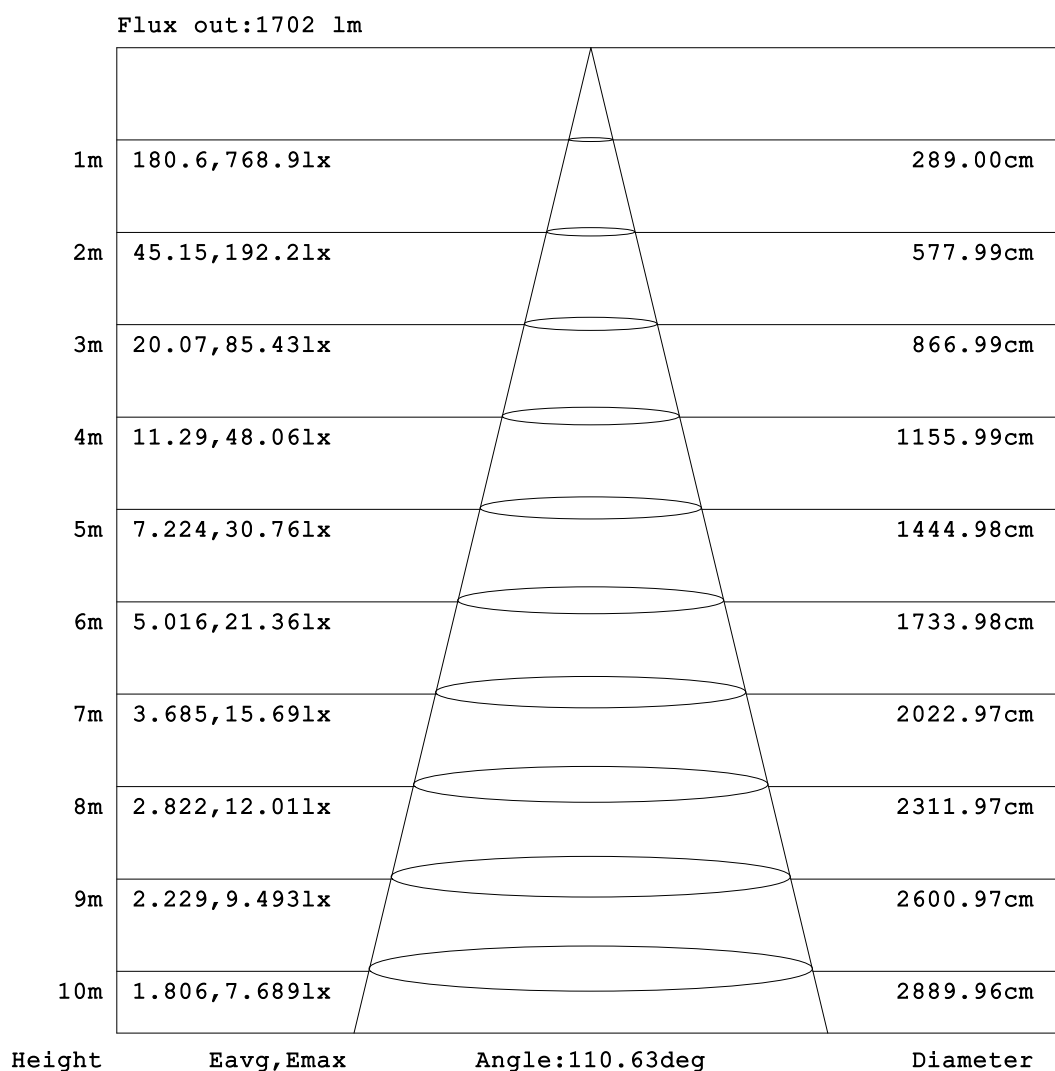


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:



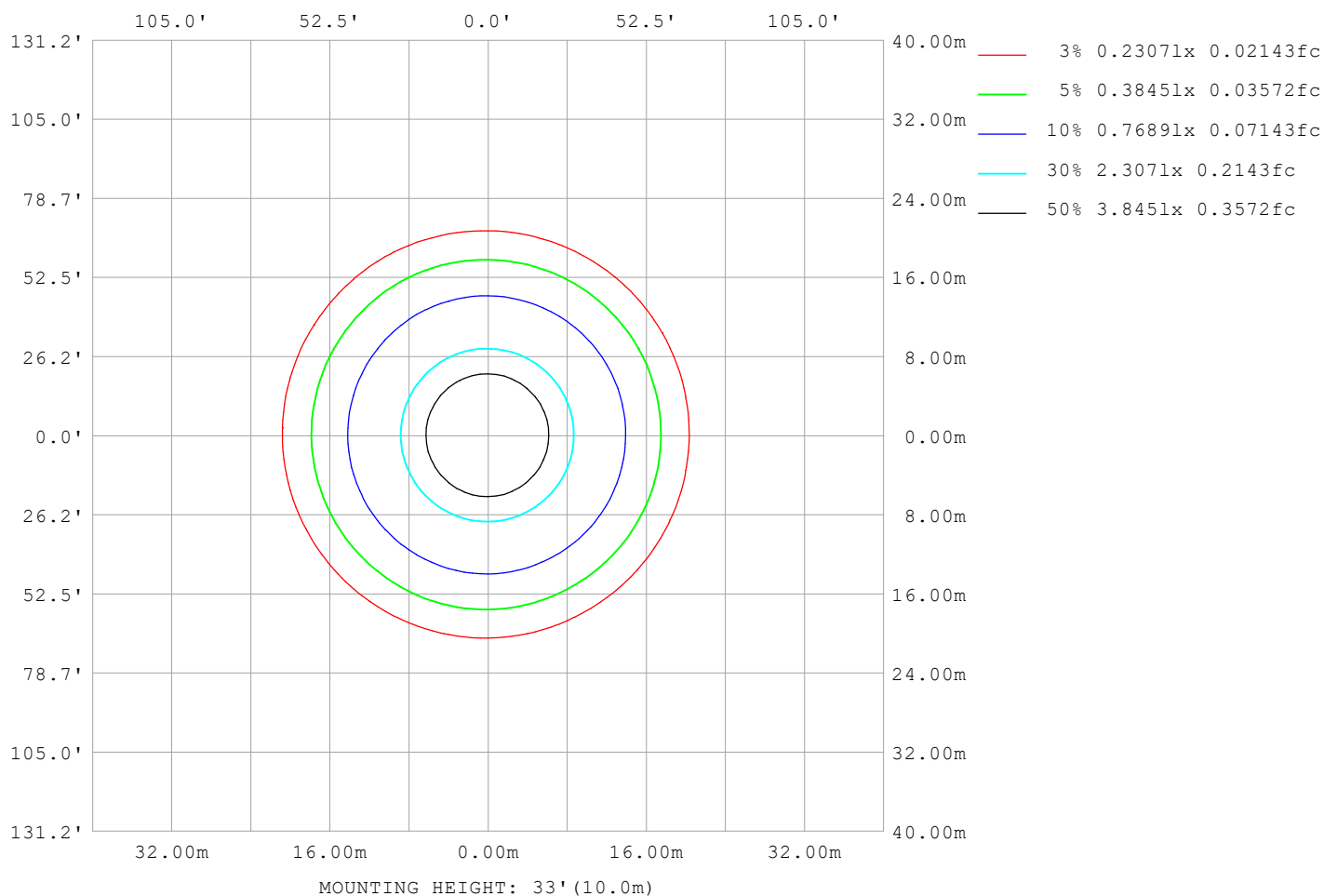
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-24

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-24

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-AP1-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:

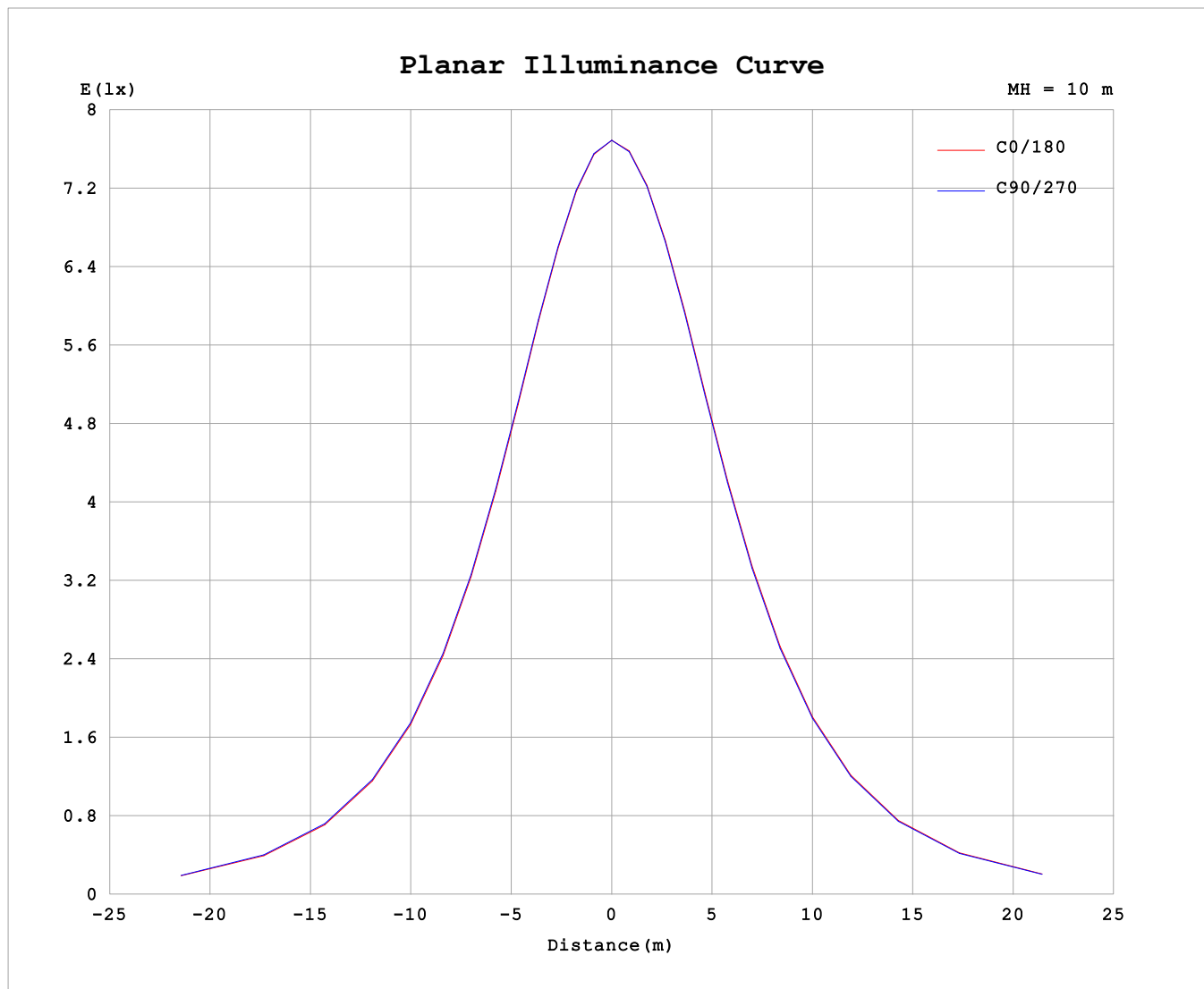
AvgL	cd/m2
L_0~180 (65) av	10360
L_0~180 (75) av	8671
L_0~180 (85) av	5547
L_90~270 (65) av	10393
L_90~270 (75) av	8743
L_90~270 (85) av	5713
L_45 (65) av	10377
L_45 (75) av	8691
L_45 (85) av	5526

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2026-01-24

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.144m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2026-01-24

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.144m [K=1.0000]
Remarks:

Test:U:120.97V I:0.2099A P:23.486W PF:0.9250 Freq:60.00Hz Lamp Flux:2145.41x1 lm		
NAME: STRLT-API-ST-11-248-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 11"24W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.277	Shielding Angle:

UNIT: cd

[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.144m [K=1.0000]
Remarks:

```