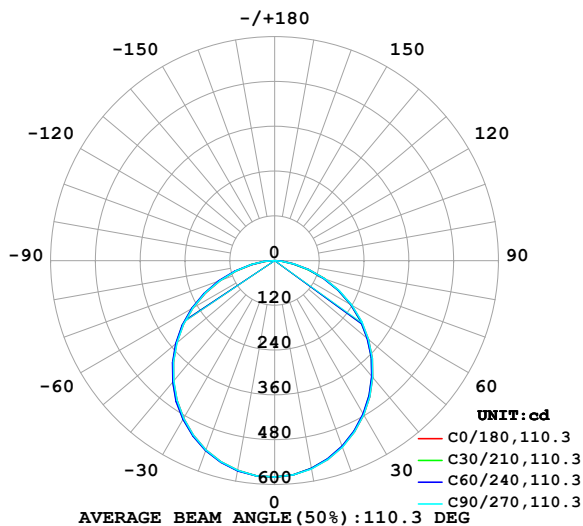


LUMINAIRE PHOTOMETRIC TEST REPORT

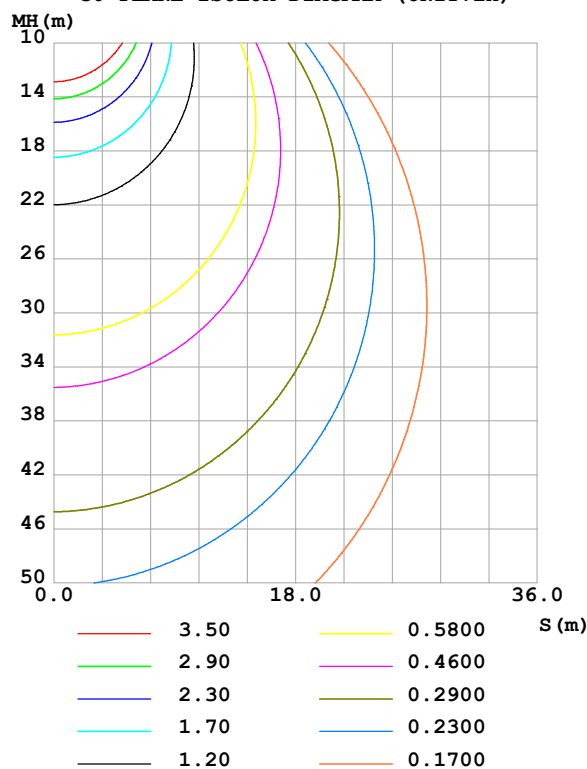
Test:U:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 90.29 lm/W
STRLT-AP1-ST-08-188-WH-120-5S-30K		Imax (cd)	580.2	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1611.7	η UP,DN(C0-180)	0.0,49.1	
NOMINAL FLUX(lm)	1611.73	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.9	
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°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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	566.5	565.5	566.6	568.5	570.6	571.9	570.9	569.0	0- 10	54.83	54.83	3.4,3.4
20	531.3	529.3	531.3	534.9	539.3	541.3	539.4	536.0	10- 20	156.5	211.3	13.1,13.1
30	477.5	474.9	477.5	482.5	488.5	491.2	488.5	483.7	20- 30	235.6	446.9	27.7,27.7
40	408.7	405.6	408.9	414.5	421.7	424.8	421.3	415.9	30- 40	282.0	728.9	45.2,45.2
50	328.2	324.9	328.6	334.7	342.6	345.9	342.1	336.1	40- 50	290.5	1019	63.3,63.3
60	238.3	235.3	239.2	245.4	253.2	256.5	252.5	246.2	50- 60	260.6	1280	79.4,79.4
70	142.3	139.7	144.1	149.5	155.9	159.5	155.9	147.8	60- 70	195.8	1476	91.6,91.6
80	52.47	50.40	54.85	58.33	61.49	64.67	63.44	54.27	70- 80	108.0	1584	98.3,98.3
90	1.164	1.150	1.079	1.020	1.261	2.079	1.390	1.247	80- 90	27.95	1612	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): 875.55 lm

%lum = 54.3%

%lamp = 54.3%

Conical surface Flux(130deg): 1387.9 lm

%lum = 86.1%

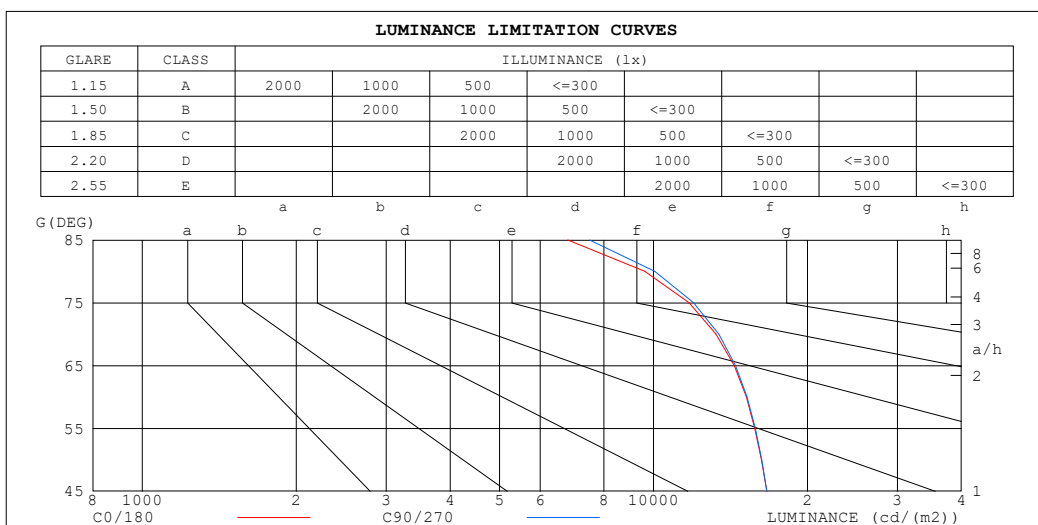
%lamp = 86.1%

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:

LUMINANCE LIMITATION CURVES

Test:U:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6791	7495
80	9623	10060
75	11727	11972
70	13253	13415
65	14378	14463
60	15182	15238
55	15779	15823
50	16259	16282
45	16653	16667

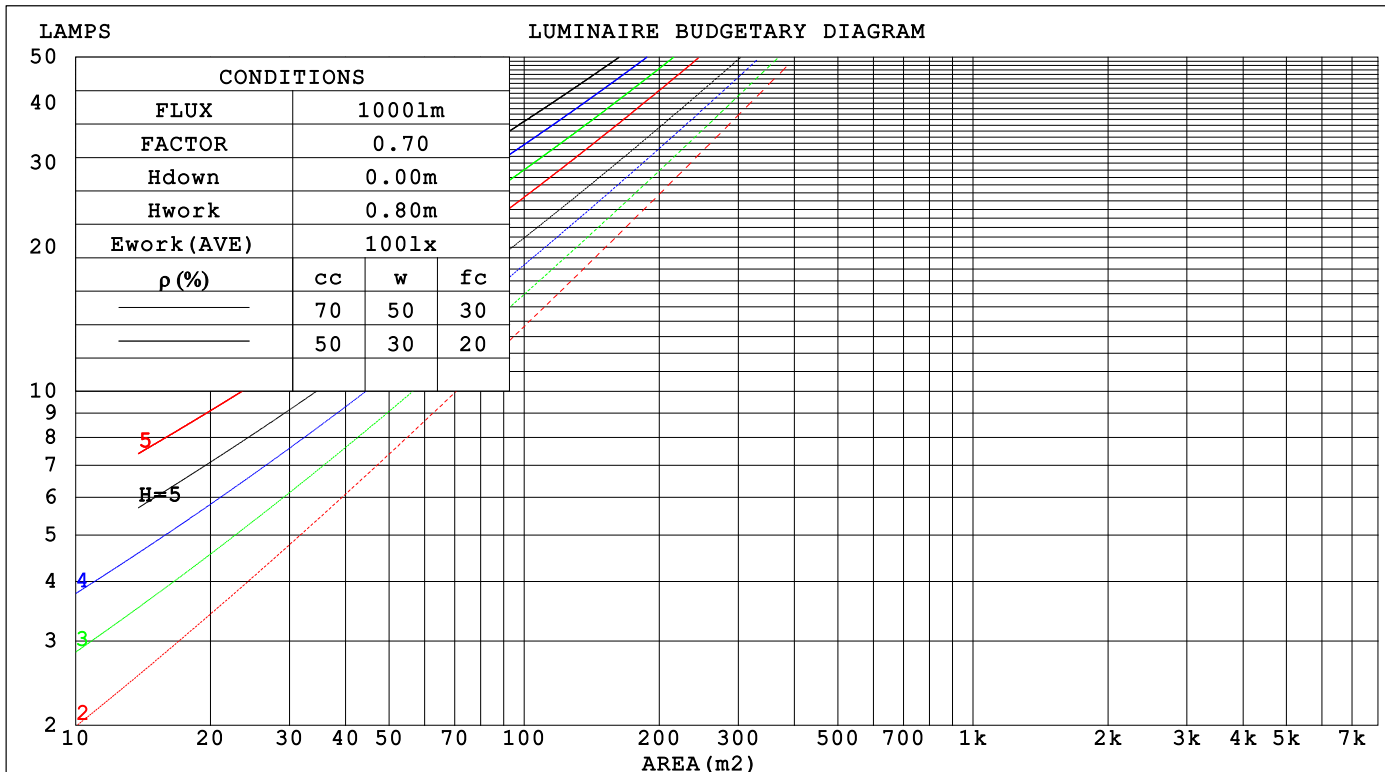
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2026-01-24

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00														
1.0	1.04	.00	.96	1.02	.98	.94	.98	.94	.91	.94	.91	.89	.90	.88	.86	.84														
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70														
3.0	.80	.72	.65	.78	.71	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59														
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50														
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43														
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38														
7.0	.51	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34														
8.0	.47	.38	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.36	.32	.30														
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27														
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24														



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:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	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	.170	.054	.286	.164	.052	.273	.158	.051	.262	.152	.049		
2.0	.289	.158	.049	.283	.156	.048	.271	.151	.047	.260	.146	.046	.250	.142	.045		
3.0	.268	.143	.043	.262	.141	.042	.252	.137	.042	.243	.133	.041	.234	.129	.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	.105	.030	.202	.103	.030	.195	.101	.030	.188	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027		
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.086	.025	.166	.085	.025		
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.161	.080	.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	.156	.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:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm											
NAME: STRLT-AP1-ST-08-188-WH-120-5S						TYPE:		WEIGHT:			
SPEC.: 8"18W						DIM.:		SERIAL No.: 1#-30K			
MFR.: YOURZOR						SUR.: 0.200		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		20.7	22.2	20.9	22.4	22.6	20.7	22.2	20.9	22.4	22.6
3H		22.0	23.4	22.3	23.7	23.9	22.1	23.5	22.4	23.7	23.9
4H		22.5	23.9	22.9	24.1	24.4	22.6	23.9	22.9	24.1	24.4
6H		22.8	24.1	23.1	24.3	24.6	22.9	24.1	23.2	24.4	24.7
8H		22.8	24.1	23.2	24.3	24.6	22.9	24.1	23.2	24.4	24.7
12H		22.8	24.0	23.2	24.3	24.6	22.9	24.1	23.3	24.4	24.7
4H 2H		21.2	22.6	21.5	22.8	23.1	21.2	22.6	21.5	22.8	23.1
3H		22.8	23.9	23.1	24.2	24.5	22.8	23.9	23.1	24.2	24.5
4H		23.4	24.4	23.7	24.8	25.1	23.4	24.5	23.8	24.8	25.1
6H		23.7	24.7	24.1	25.0	25.4	23.8	24.7	24.2	25.1	25.4
8H		23.8	24.7	24.2	25.0	25.4	23.8	24.7	24.3	25.1	25.5
12H		23.8	24.6	24.2	25.0	25.4	23.9	24.7	24.3	25.1	25.5
8H 4H		23.6	24.4	24.0	24.8	25.2	23.6	24.5	24.0	24.8	25.2
6H		24.0	24.7	24.5	25.1	25.6	24.1	24.8	24.5	25.2	25.6
8H		24.1	24.8	24.6	25.2	25.6	24.2	24.8	24.6	25.2	25.7
12H		24.2	24.7	24.7	25.2	25.7	24.3	24.8	24.7	25.3	25.7
12H 4H		23.5	24.4	24.0	24.7	25.1	23.6	24.4	24.0	24.8	25.2
6H		24.0	24.7	24.5	25.1	25.5	24.1	24.7	24.5	25.1	25.6
8H		24.1	24.7	24.6	25.1	25.6	24.2	24.8	24.7	25.2	25.7
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					+ 0.2 / - 0.3				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 1612 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.7)
Area: 0.0314 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:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

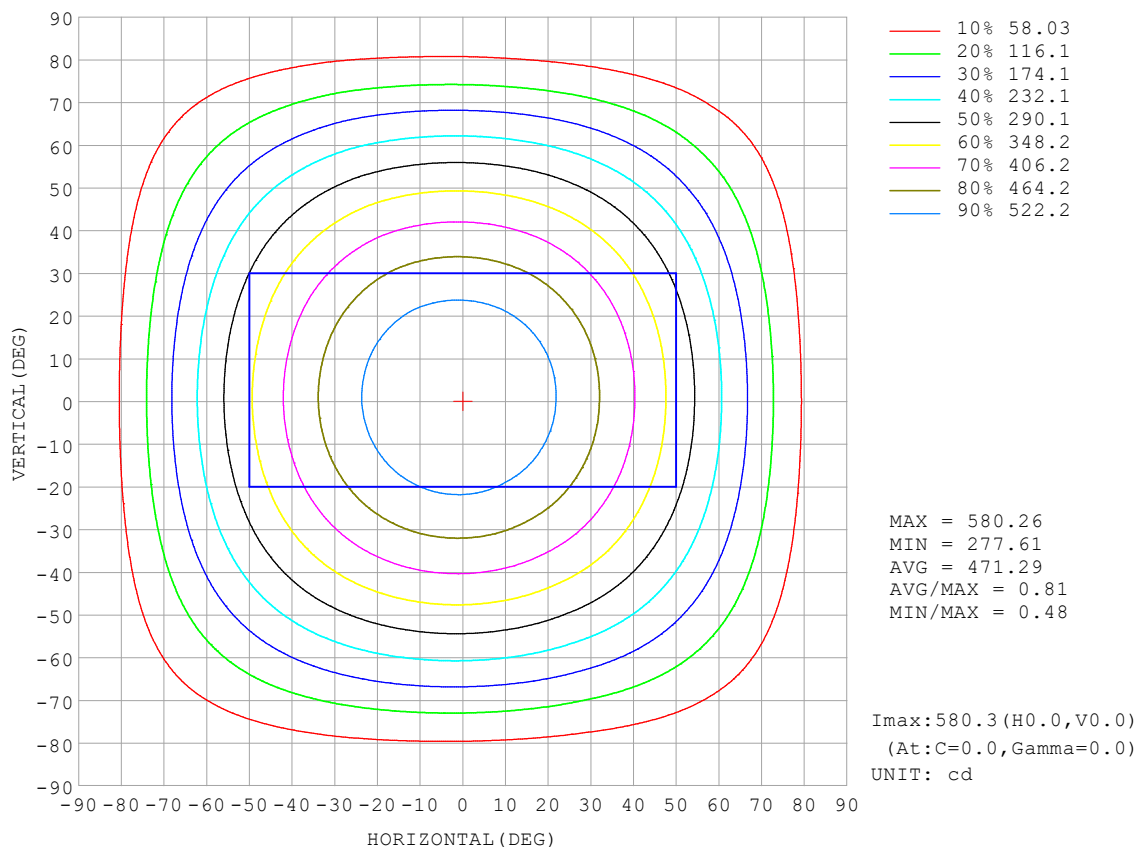
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	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	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	79
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:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

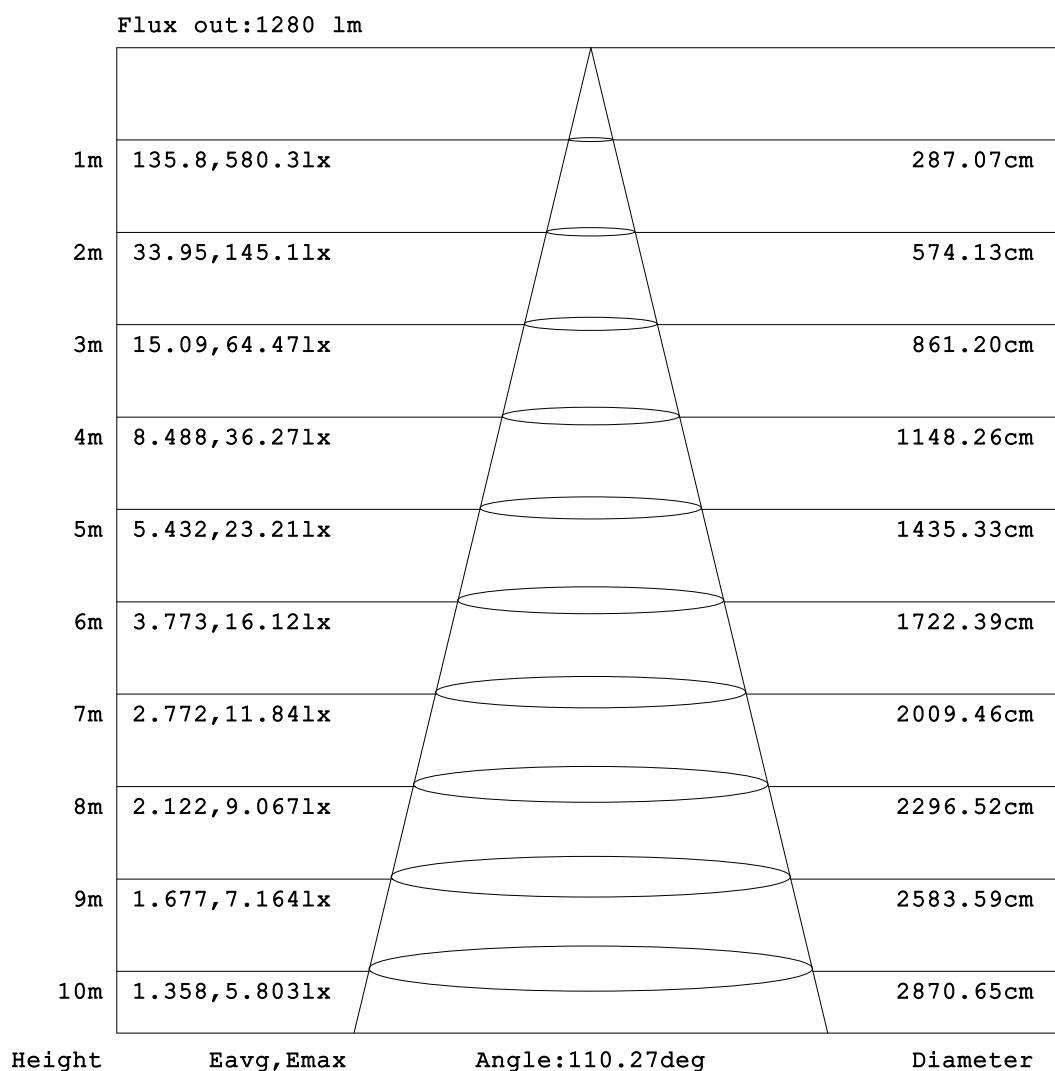


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2026-01-24

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:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73lx1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:



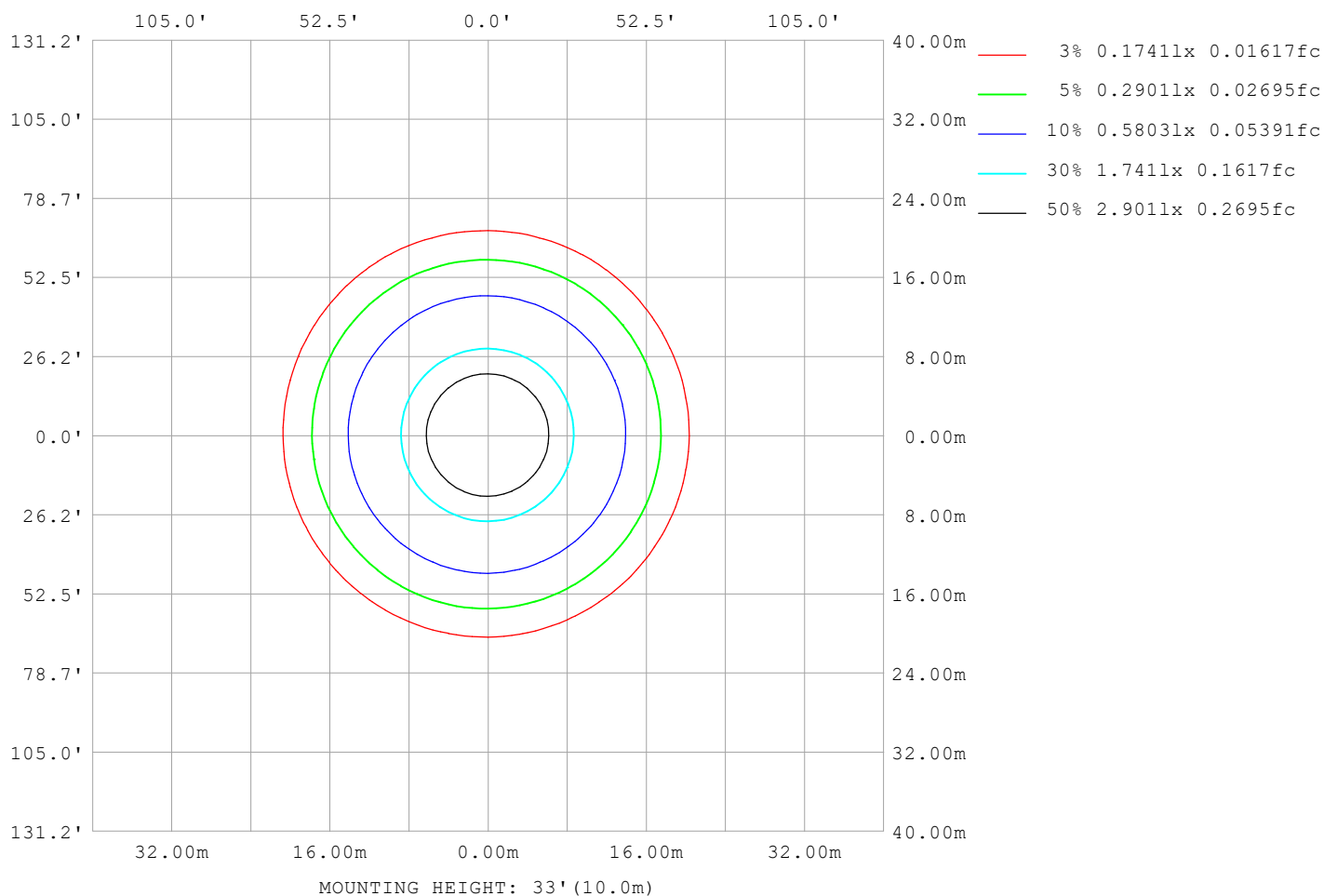
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	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:120.96V I:0.1601A P:17.851W PF:0.9216 Freq:60.00Hz Lamp Flux:1611.73x1 lm		
NAME: STRLT-AP1-ST-08-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 8"18W	DIM.:	SERIAL No.: 1#-30K
MFR.: YOURZOR	SUR.: 0.200	Shielding Angle:

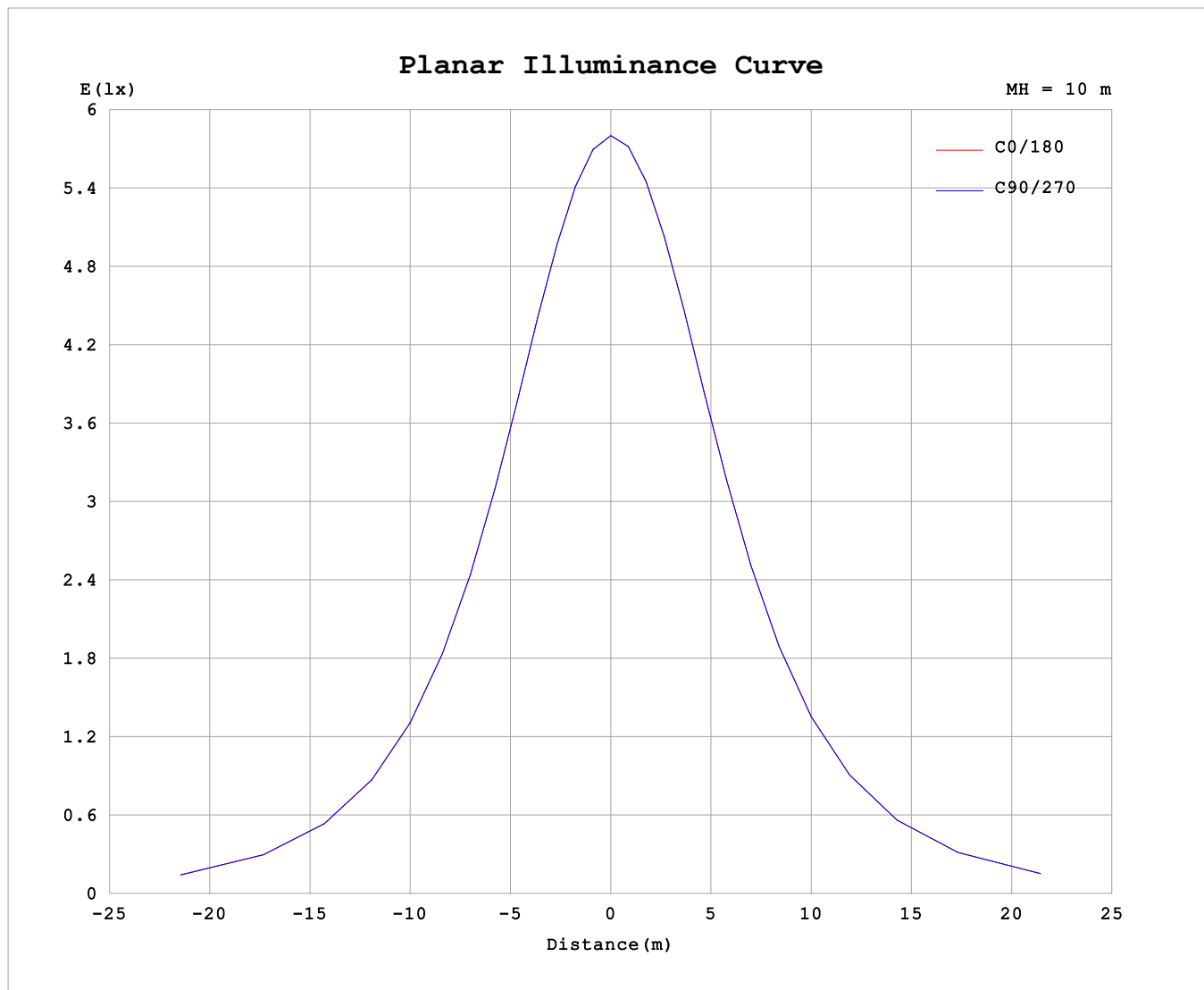
AvgL	cd/m2
L_0~180 (65) av	14920
L_0~180 (75) av	12446
L_0~180 (85) av	7811
L_90~270 (65) av	14940
L_90~270 (75) av	12638
L_90~270 (85) av	8624
L_45 (65) av	14919
L_45 (75) av	12423
L_45 (85) av	7929

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:

```

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:

```