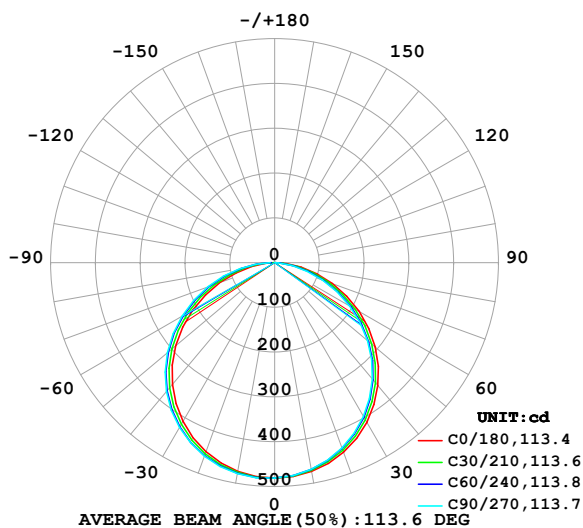


LUMINAIRE PHOTOMETRIC TEST REPORT

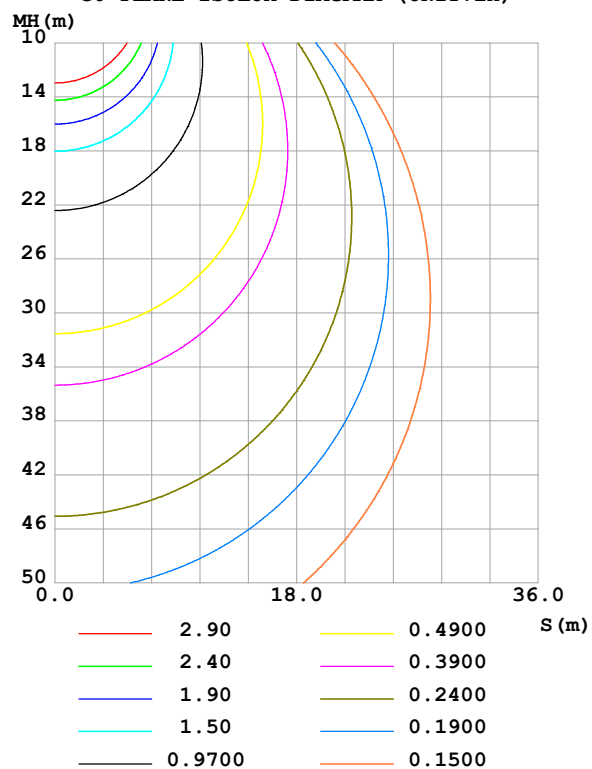
Test:U:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 75.45 lm/W
STRLT-RP1-ST-09-188-WH-120-5S-30K		I _{max} (cd)	481.9	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.31	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1400.7	η UP,DN(C0-180)	0.0,47.5	
NOMINAL FLUX(lm)	1400.72	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.5	
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:2026-01-23

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	473.6	470.3	468.7	469.8	473.3	476.8	478.5	477.2	0- 10	45.58	45.58	3.25,3.25
20	450.3	443.7	440.4	442.4	449.2	456.5	459.7	457.1	10- 20	130.9	176.5	12.6,12.6
30	411.6	401.9	396.9	399.8	409.7	420.3	425.2	421.5	20- 30	199.2	375.7	26.8,26.8
40	358.7	346.2	339.5	342.8	355.5	369.3	375.6	371.1	30- 40	241.3	617.0	44,44
50	293.3	278.6	270.6	274.0	288.6	305.0	312.9	307.7	40- 50	251.2	868.2	62,62
60	218.1	202.3	193.5	196.3	211.6	229.9	239.1	233.6	50- 60	227.3	1095	78.2,78.2
70	137.3	122.5	113.4	114.8	129.4	149.0	158.7	152.8	60- 70	173.5	1269	90.6,90.6
80	60.43	48.11	40.25	41.24	52.72	70.26	79.09	73.47	70- 80	101.2	1370	97.8,97.8
90	1.474	0.9999	1.073	1.006	1.024	4.902	10.36	8.119	80- 90	30.51	1401	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): 743.49 lm

%lum = 53.1%

%lamp = 53.1%

Conical surface Flux(130deg): 1190.5 lm

%lum = 85.0%

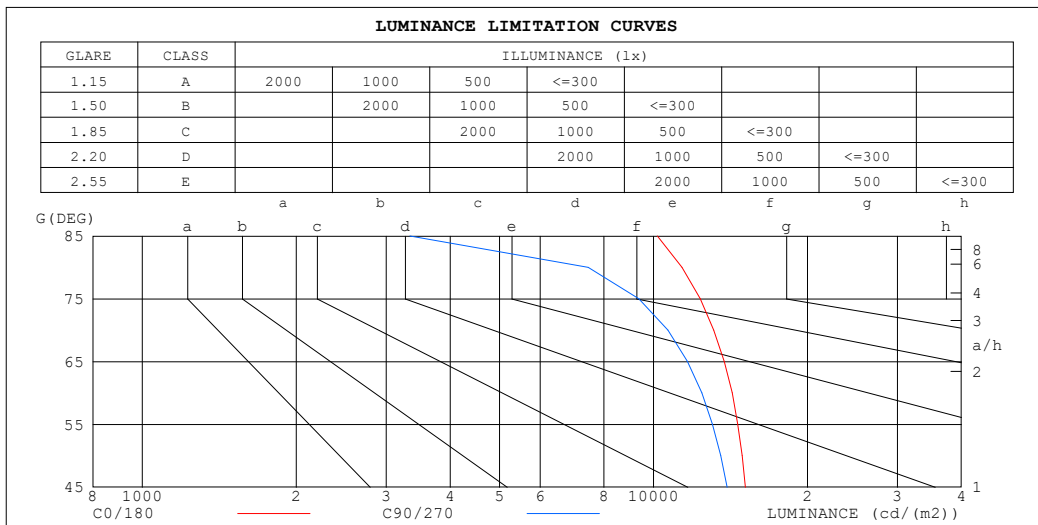
%lamp = 85.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	10176	3337
80	11365	7450
75	12336	9359
70	13113	10662
65	13760	11654
60	14246	12437
55	14617	13042
50	14902	13531
45	15122	13925

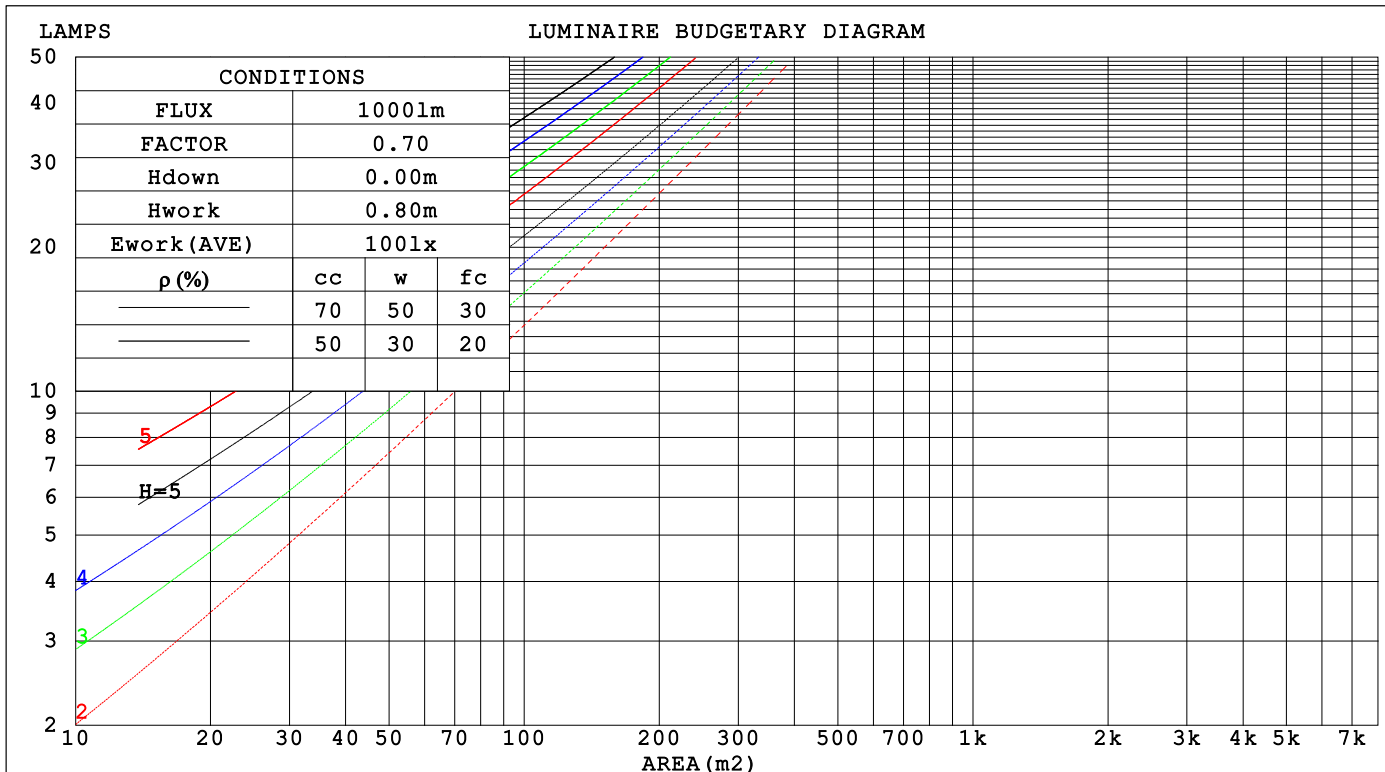
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	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	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.90	.87	.85	.83														
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69														
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58														
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49														
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43														
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37														
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.40	.35	.33														
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29														
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26														
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24														



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	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	.314	.179	.057	.307	.175	.056	.294	.169	.054	.282	.163	.052	.271	.157	.051		
2.0	.295	.161	.050	.288	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046		
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.247	.135	.041	.238	.132	.041		
4.0	.251	.130	.038	.246	.129	.038	.237	.126	.037	.228	.123	.037	.220	.120	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.212	.112	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.084	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.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	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015		
2.0	.173	.132	.098	.148	.114	.084	.101	.079	.059	.058	.046	.035	.019	.015	.011		
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009		
4.0	.157	.101	.058	.135	.087	.050	.093	.061	.036	.054	.036	.021	.017	.012	.007		
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006		
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005		
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004		
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003		
9.0	.123	.065	.025	.106	.056	.022	.074	.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:2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm											
NAME: STRLT-RP1-ST-09-188-WH-120-5S					TYPE:			WEIGHT:			
SPEC.: 9"18W					DIM.:			SERIAL No.: 1#30K			
MFR.: YOURZOR					SUR.: 0.199			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		20.9	22.4	21.2	22.6	22.8	20.4	21.9	20.6	22.1	22.3
3H		22.4	23.8	22.7	24.1	24.3	21.7	23.1	22.0	23.4	23.6
4H		23.0	24.4	23.4	24.6	24.9	22.2	23.5	22.5	23.8	24.0
6H		23.5	24.8	23.8	25.0	25.3	22.4	23.7	22.8	24.0	24.3
8H		23.6	24.8	24.0	25.1	25.4	22.4	23.6	22.8	23.9	24.2
12H		23.7	24.9	24.0	25.2	25.5	22.4	23.6	22.7	23.9	24.2
4H 2H		21.4	22.8	21.7	23.0	23.3	21.0	22.3	21.3	22.6	22.9
3H		23.1	24.3	23.5	24.6	24.9	22.5	23.7	22.9	24.0	24.3
4H		23.9	24.9	24.2	25.3	25.6	23.1	24.2	23.5	24.5	24.8
6H		24.4	25.4	24.8	25.7	26.1	23.4	24.4	23.8	24.7	25.1
8H		24.6	25.5	25.0	25.8	26.2	23.4	24.3	23.8	24.7	25.1
12H		24.7	25.5	25.1	25.9	26.3	23.4	24.2	23.8	24.6	25.0
8H 4H		24.0	24.9	24.5	25.3	25.7	23.4	24.3	23.8	24.6	25.0
6H		24.7	25.5	25.1	25.9	26.3	23.8	24.5	24.2	24.9	25.4
8H		24.9	25.6	25.4	26.0	26.5	23.8	24.5	24.3	24.9	25.3
12H		25.1	25.7	25.6	26.1	26.6	23.8	24.4	24.3	24.8	25.3
12H 4H		24.0	24.8	24.4	25.2	25.6	23.4	24.2	23.8	24.6	25.0
6H		24.7	25.4	25.2	25.8	26.2	23.8	24.5	24.3	24.9	25.4
8H		25.0	25.5	25.4	26.0	26.5	23.9	24.4	24.3	24.9	25.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117, 1401 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.2)
Area: 0.031 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	Shielding Angle:

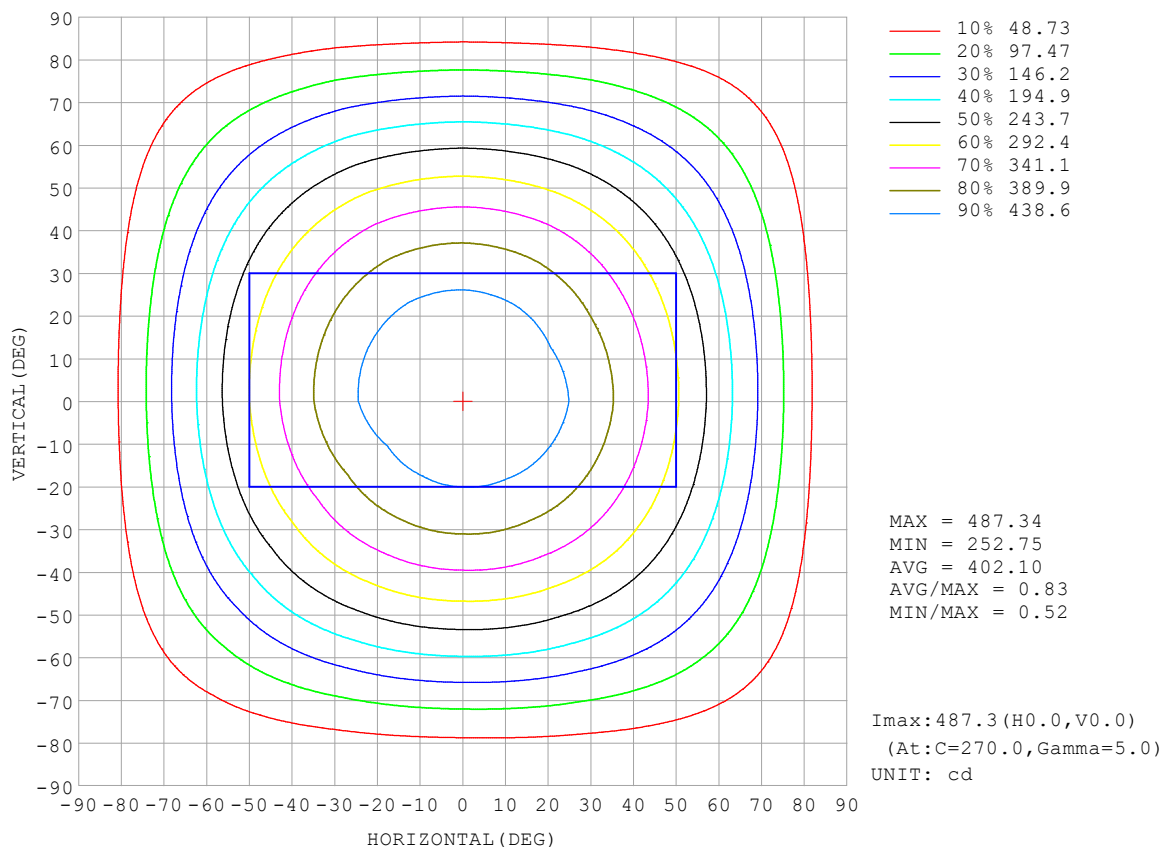
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	38	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	91	86	78
4.00	106	100	96	104	98	94	99	95	91	83
5.00	108	104	99	106	102	98	101	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: 2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	Shielding Angle:

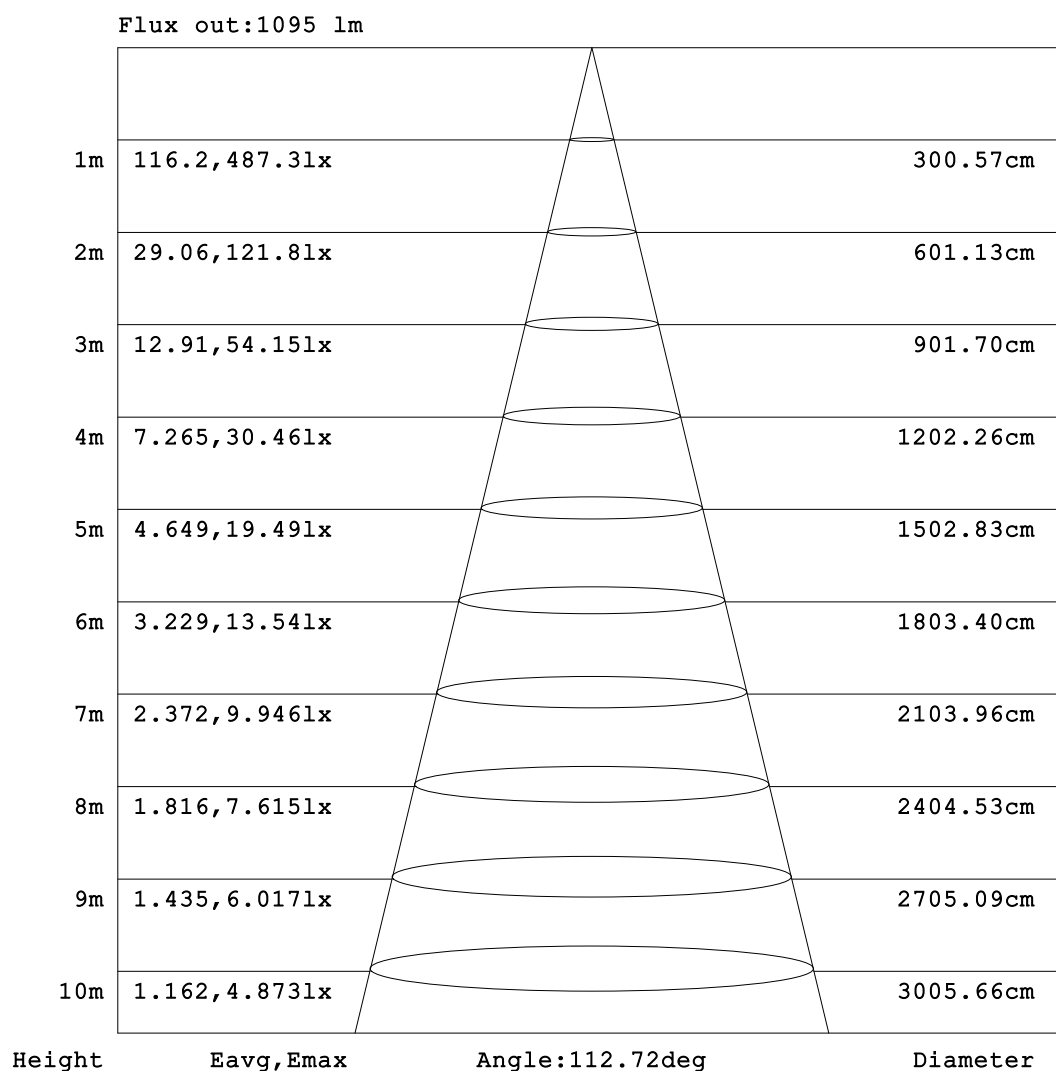


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	Shielding Angle:

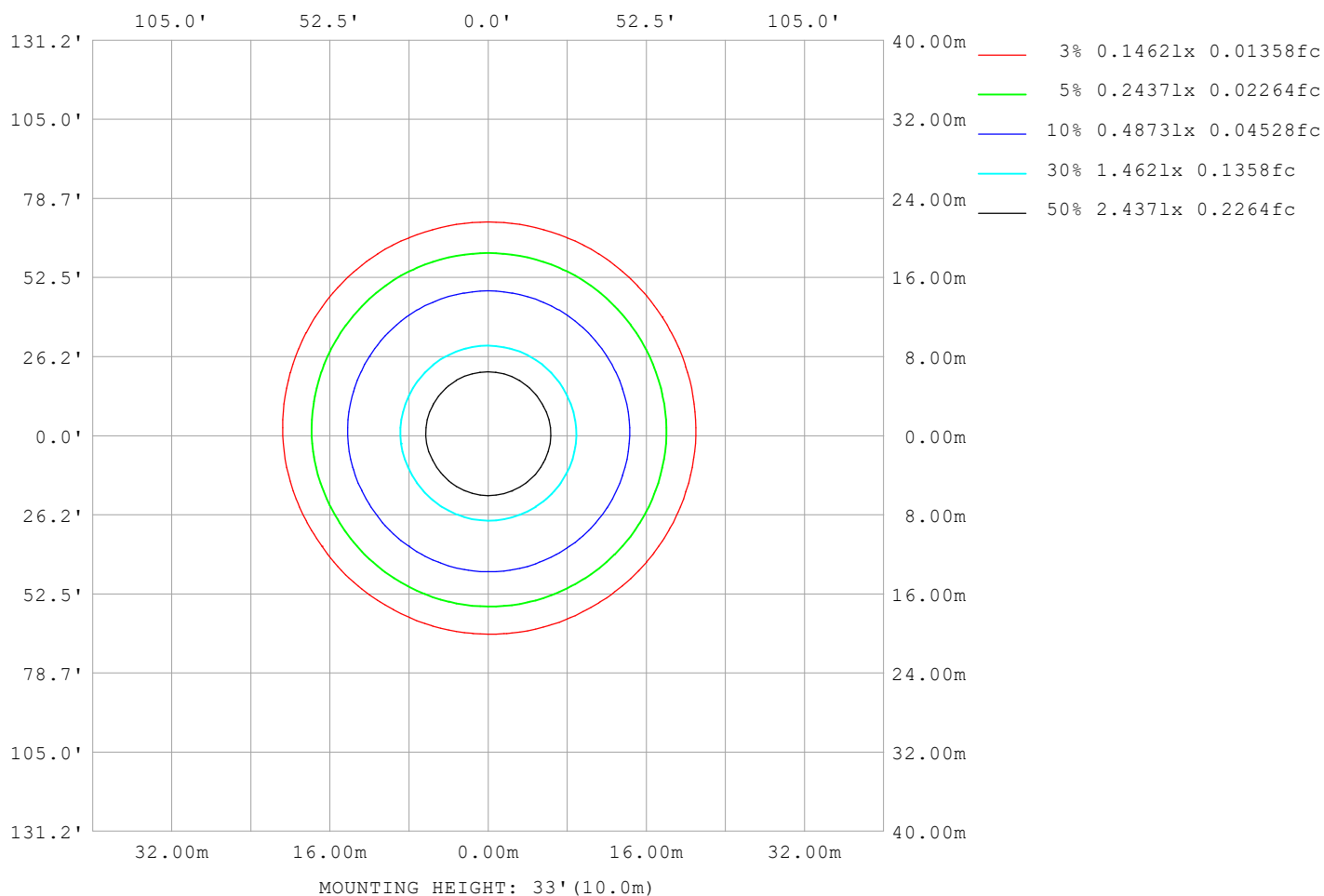


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-23

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:120.85V I:0.1655A P:18.564W PF:0.9283 Freq:60.00Hz Lamp Flux:1400.72x1 lm		
NAME: STRLT-RP1-ST-09-188-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 9"18W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.199	Shielding Angle:

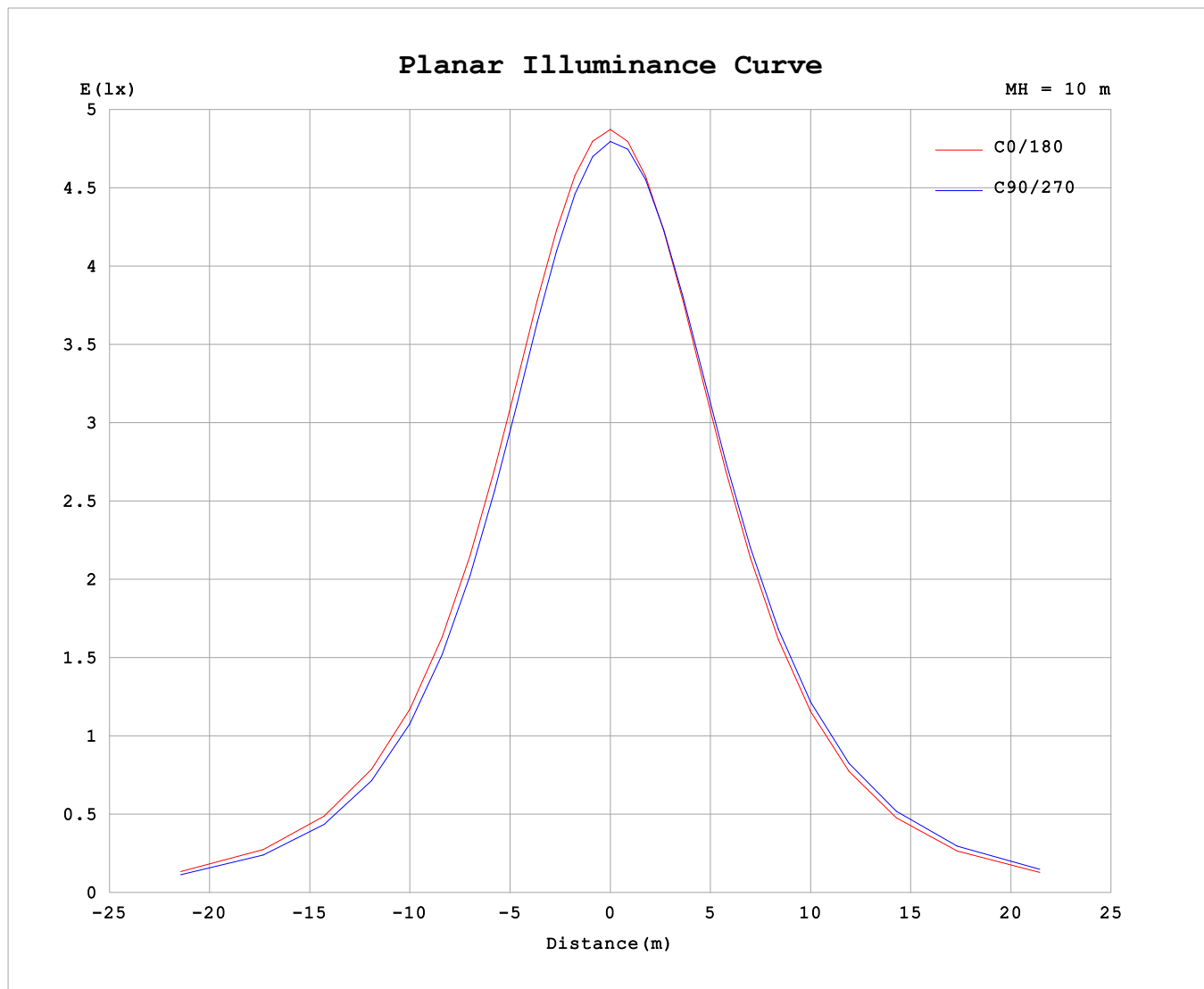
AvgL	cd/m2
L_0~180 (65) av	13314
L_0~180 (75) av	11665
L_0~180 (85) av	8882
L_90~270 (65) av	13452
L_90~270 (75) av	12074
L_90~270 (85) av	9607
L_45 (65) av	13383
L_45 (75) av	11883
L_45 (85) av	9320

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2026-01-23

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: 2026-01-23

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:

```