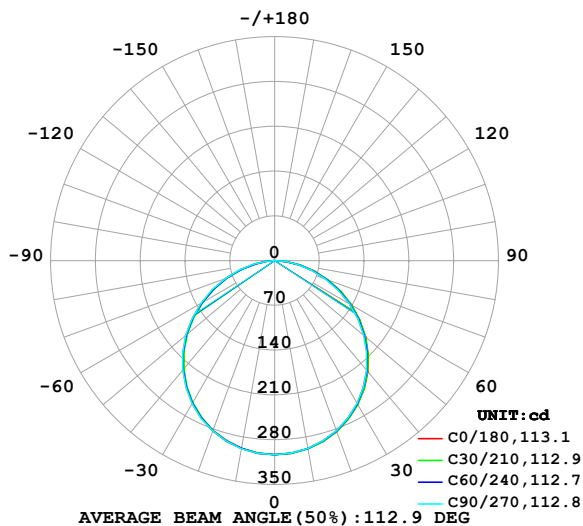


LUMINAIRE PHOTOMETRIC TEST REPORT

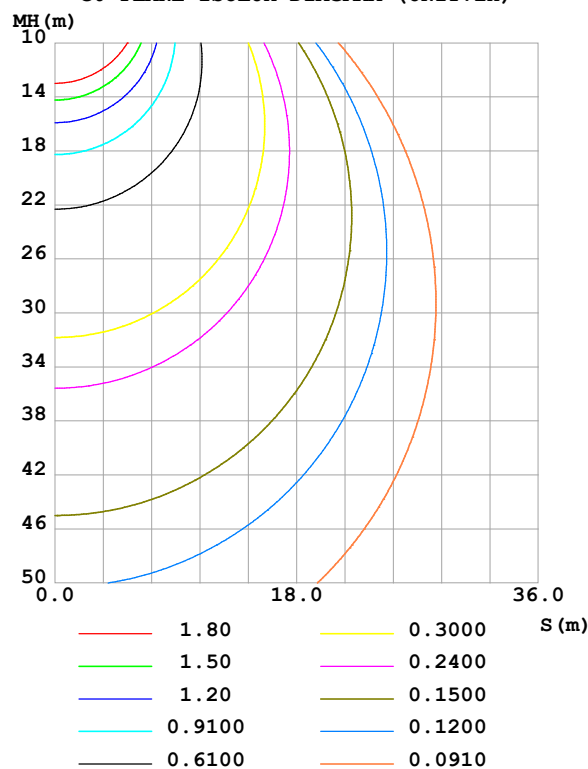
Test:U:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 72.27 lm/W
STRLT-RP1-ST-07-128-WH-120-5S-30K		Imax (cd)	303.5	S/MH(C0/180)	1.26	
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	875.89	η UP,DN(C0-180)	0.0,50.2	
NOMINAL FLUX(lm)	875.892	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.8	
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:2026-01-23

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	298.8	298.5	298.1	297.9	298.0	298.4	298.6	299.0	0- 10	28.73	28.73	3.28,3.28
20	284.2	283.5	282.7	282.1	282.3	282.9	283.5	284.4	10- 20	82.43	111.2	12.7,12.7
30	259.9	258.7	257.5	256.4	256.6	257.3	258.3	260.0	20- 30	125.3	236.4	27,27
40	226.5	225.0	223.4	221.6	221.6	222.3	223.7	226.3	30- 40	151.4	387.8	44.3,44.3
50	185.7	183.9	181.9	179.4	179.0	179.6	181.5	184.9	40- 50	157.1	544.9	62.2,62.2
60	139.0	137.2	134.6	131.6	130.4	130.9	133.2	137.7	50- 60	141.8	686.7	78.4,78.4
70	89.34	87.19	84.33	81.34	79.70	79.47	82.00	87.48	60- 70	108.1	794.8	90.7,90.7
80	41.40	39.47	36.78	34.00	32.08	31.42	33.74	39.31	70- 80	62.89	857.7	97.9,97.9
90	0.7697	0.8381	0.5485	0.5645	0.6404	0.6239	0.5948	0.8112	80- 90	18.19	875.9	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): 466.98 lm

%lum = 53.3%

%lamp = 53.3%

Conical surface Flux(130deg): 745.94 lm

%lum = 85.2%

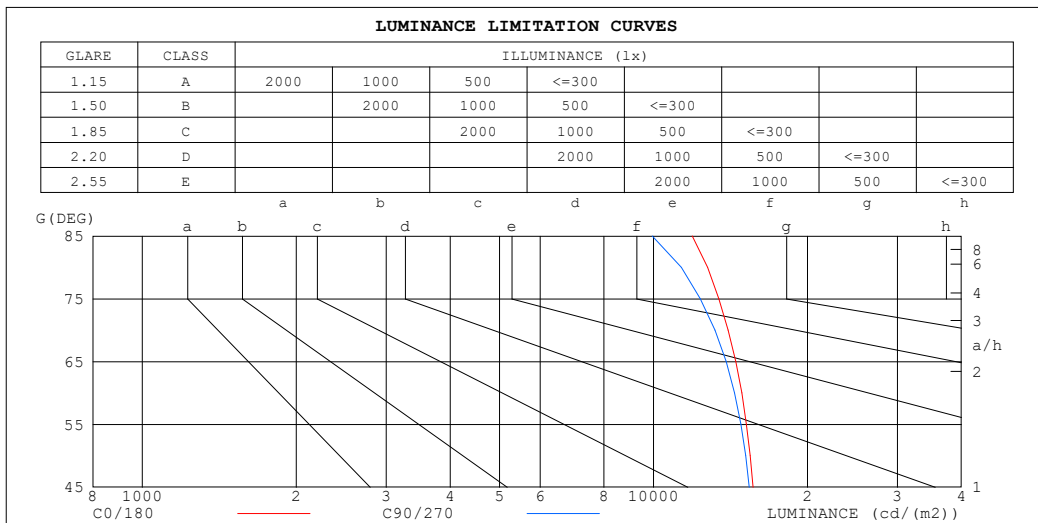
%lamp = 85.2%

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:

LUMINANCE LIMITATION CURVES

Test:U:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11897	9942
80	12763	11327
75	13422	12343
70	13983	13186
65	14484	13866
60	14879	14400
55	15200	14814
50	15461	15137
45	15667	15390

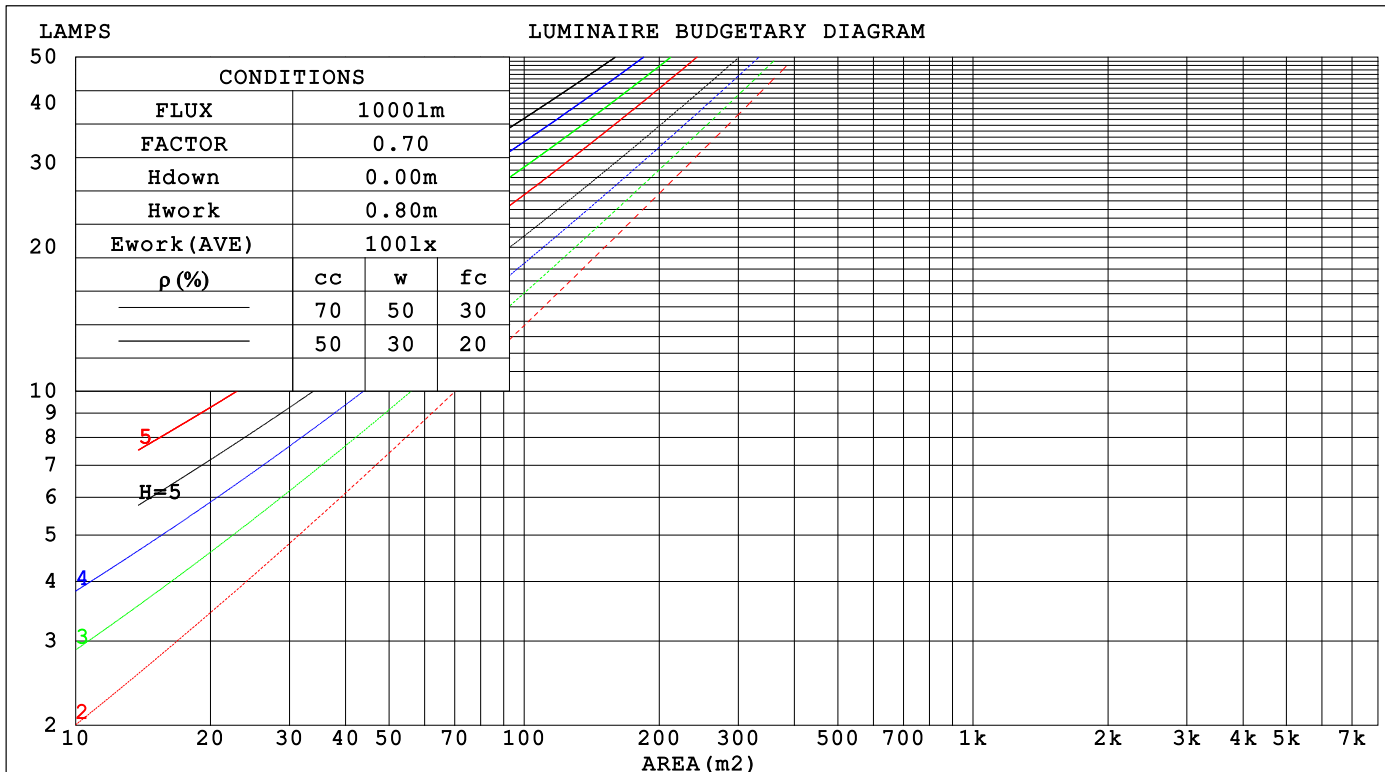
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-23

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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	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:2026-01-23

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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	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	.313	.178	.056	.306	.174	.055	.292	.168	.054	.280	.162	.052	.269	.156	.050		
2.0	.294	.161	.049	.287	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045		
3.0	.271	.144	.043	.266	.142	.043	.256	.138	.042	.246	.135	.041	.237	.131	.041		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.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	.154	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015		
2.0	.172	.132	.098	.148	.114	.085	.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	.051	.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	.142	.082	.039	.122	.071	.034	.084	.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	.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:2026-01-23

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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm										
NAME: STRLT-RP1-ST-07-128-WH-120-5S					TYPE:			WEIGHT:		
SPEC.: 7"12W					DIM.:			SERIAL No.: 1#30K		
MFR.: YOURZOR					SUR.: 0.154			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	22.9	24.4	23.2	24.6	24.8	22.8	24.3	23.0	24.5	24.7
3H	24.5	25.9	24.8	26.1	26.4	24.3	25.7	24.6	25.9	26.2
4H	25.1	26.5	25.5	26.7	27.0	24.9	26.2	25.2	26.5	26.7
6H	25.7	26.9	26.0	27.2	27.5	25.3	26.6	25.7	26.9	27.1
8H	25.8	27.0	26.2	27.3	27.6	25.4	26.7	25.8	26.9	27.2
12H	25.9	27.1	26.3	27.4	27.7	25.5	26.7	25.9	27.0	27.3
4H 2H	23.5	24.8	23.8	25.1	25.4	23.4	24.7	23.7	25.0	25.3
3H	25.3	26.5	25.6	26.8	27.1	25.1	26.3	25.5	26.6	26.9
4H	26.1	27.1	26.4	27.5	27.8	25.8	26.9	26.2	27.2	27.6
6H	26.7	27.7	27.1	28.0	28.4	26.4	27.4	26.8	27.7	28.1
8H	26.9	27.8	27.3	28.2	28.6	26.6	27.5	27.0	27.8	28.2
12H	27.1	27.9	27.5	28.3	28.7	26.7	27.5	27.1	27.9	28.3
8H 4H	26.3	27.2	26.8	27.6	28.0	26.1	27.0	26.5	27.4	27.8
6H	27.1	27.9	27.6	28.3	28.7	26.8	27.6	27.3	28.0	28.4
8H	27.5	28.1	27.9	28.5	29.0	27.1	27.8	27.6	28.2	28.6
12H	27.7	28.3	28.2	28.7	29.2	27.3	27.9	27.8	28.3	28.8
12H 4H	26.4	27.2	26.8	27.6	28.0	26.2	27.0	26.6	27.4	27.8
6H	27.2	27.9	27.7	28.3	28.7	26.9	27.6	27.4	28.0	28.5
8H	27.6	28.1	28.0	28.6	29.1	27.2	27.8	27.7	28.2	28.7
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	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 875.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.5)
Area: 0.0187 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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	Shielding Angle:

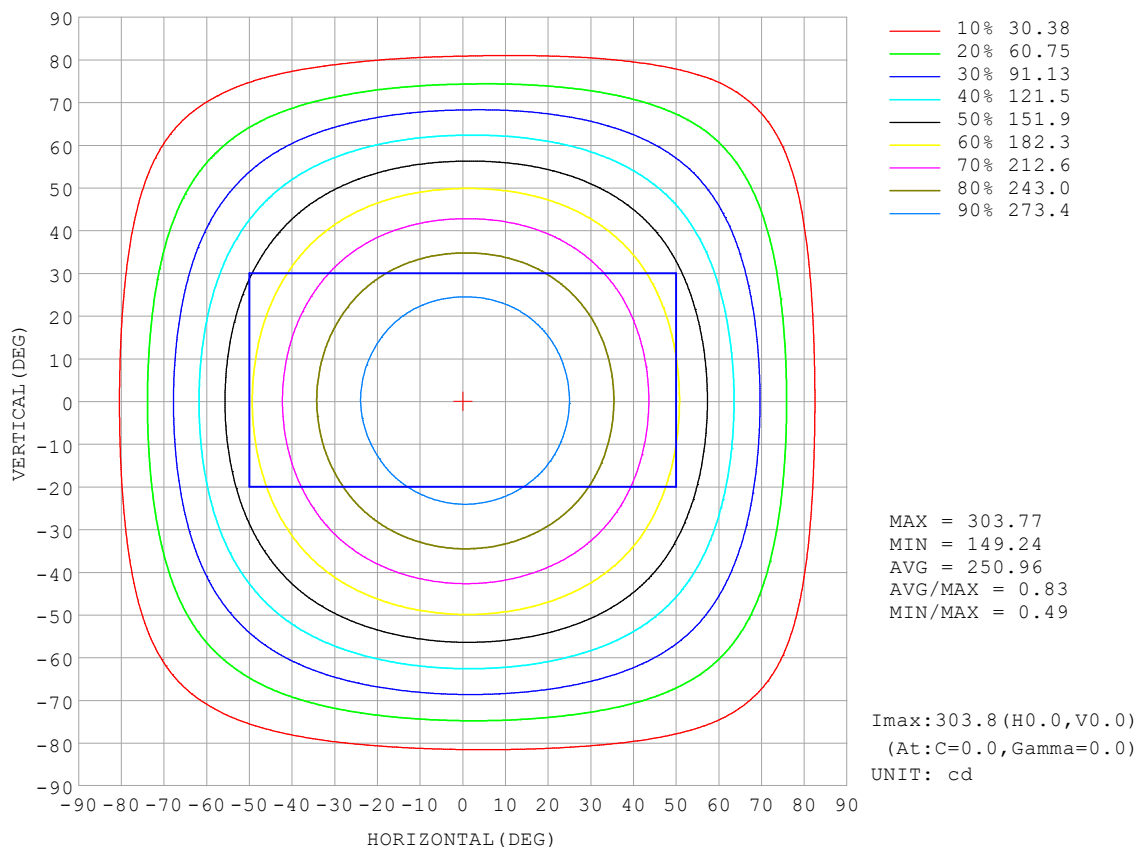
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	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: 2026-01-23

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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	Shielding Angle:

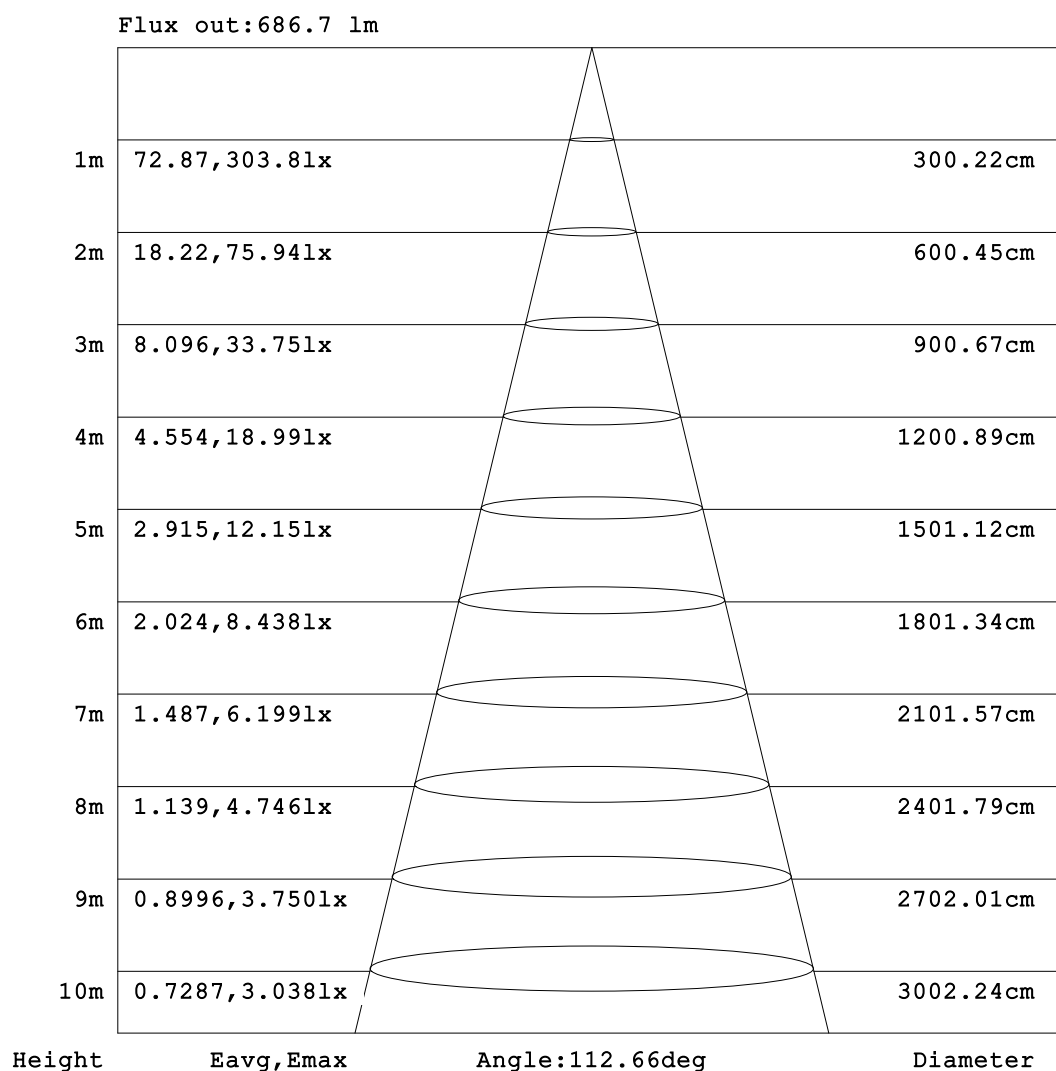


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-23

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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	Shielding Angle:



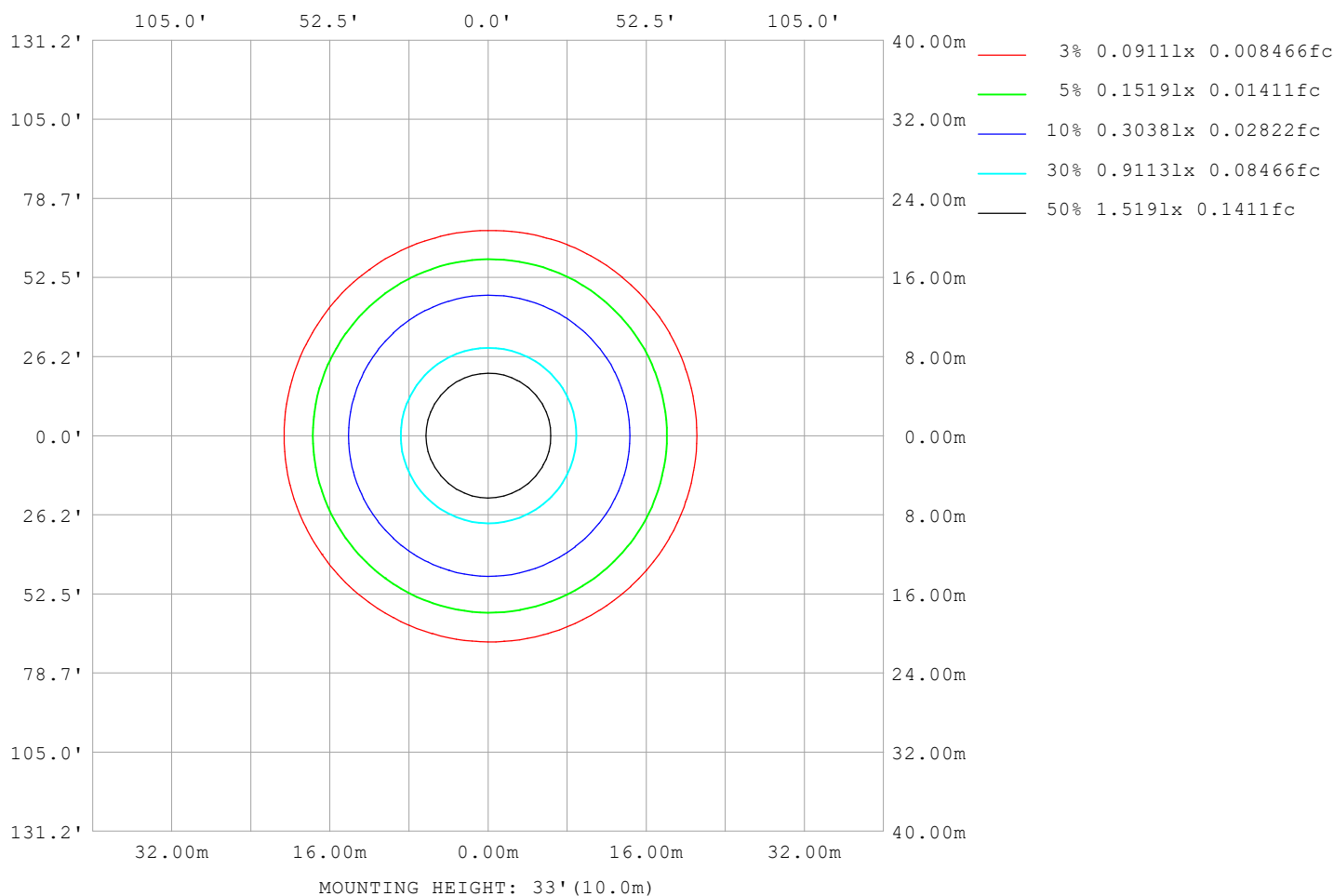
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	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:120.13V I:0.1086A P:12.120W PF:0.9286 Freq:60.00Hz Lamp Flux:875.892x1 lm		
NAME: STRLT-RP1-ST-07-128-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 7"12W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.154	Shielding Angle:

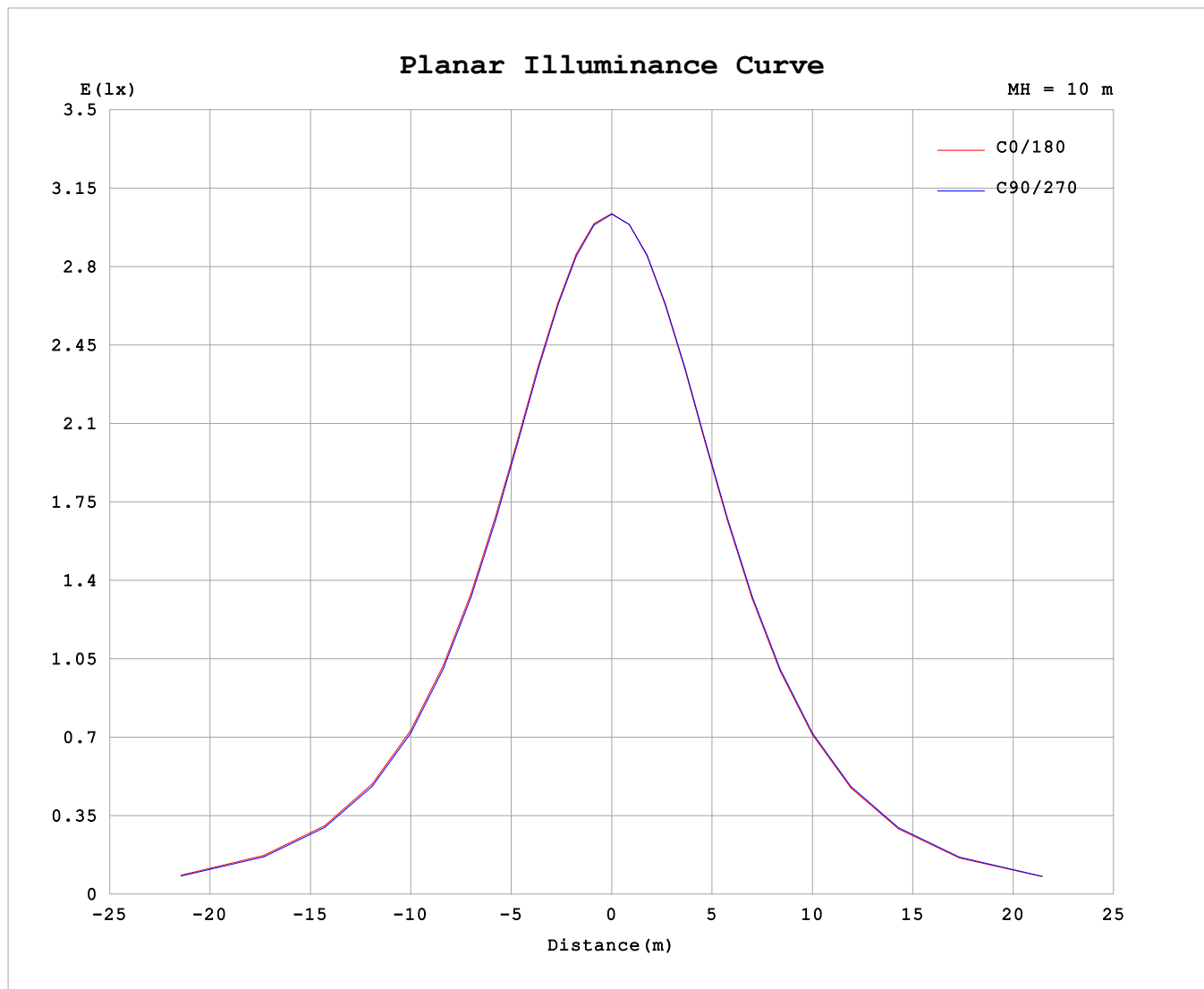
AvgL	cd/m2
L_0~180 (65) av	13887
L_0~180 (75) av	12397
L_0~180 (85) av	9409
L_90~270 (65) av	13740
L_90~270 (75) av	12072
L_90~270 (85) av	8995
L_45 (65) av	13815
L_45 (75) av	12237
L_45 (85) av	9248

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:

```