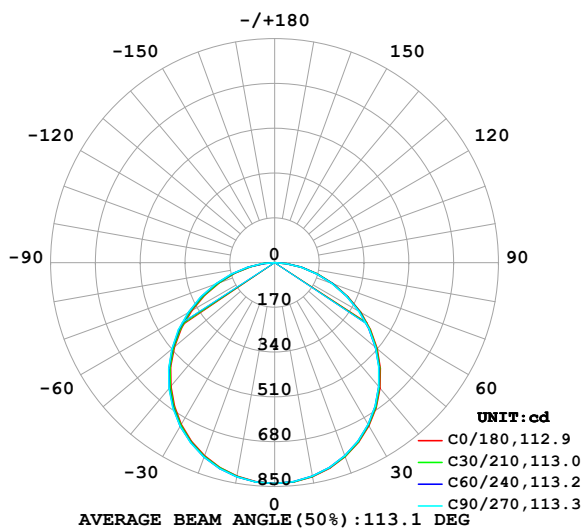


LUMINAIRE PHOTOMETRIC TEST REPORT

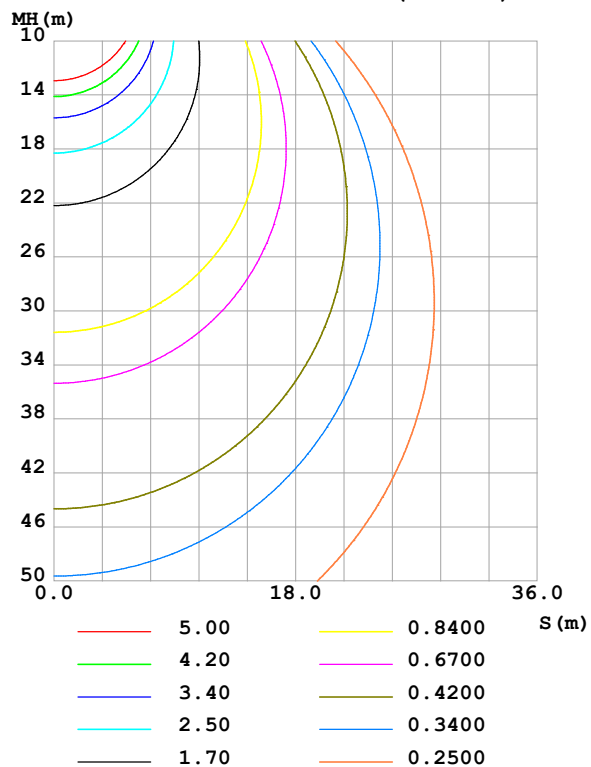
Test:U:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 79.68 lm/W
STRLT-RP1-ST-16-308-WH-120-5S-30K		Imax (cd)	838.6	S/MH(C0/180)	1.26	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2423.8	η UP,DN(C0-180)	0.0,49.7	
NOMINAL FLUX(lm)	2423.81	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.3	
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	825.1	823.9	823.3	822.4	823.3	825.1	825.9	826.4	0- 10	79.37	79.37	3.27,3.27
20	783.9	781.2	779.8	778.2	779.8	783.4	785.4	786.1	10- 20	227.7	307.1	12.7,12.7
30	715.4	711.7	709.4	706.9	709.3	714.5	717.8	718.6	20- 30	346.0	653.1	26.9,26.9
40	622.0	617.6	615.0	611.0	613.9	620.3	624.5	626.1	30- 40	418.3	1071	44.2,44.2
50	507.9	502.9	499.7	494.5	497.6	505.0	510.3	511.8	40- 50	434.6	1506	62.1,62.1
60	377.3	372.6	369.4	362.5	364.4	372.7	379.2	379.9	50- 60	392.7	1899	78.3,78.3
70	236.8	234.3	232.0	223.1	222.7	232.2	239.7	238.9	60- 70	299.4	2198	90.7,90.7
80	102.7	102.6	101.3	93.01	90.90	99.48	106.4	104.6	70- 80	174.4	2372	97.9,97.9
90	2.894	1.812	1.673	1.648	1.758	1.757	2.047	3.374	80- 90	51.31	2424	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): 1290.4 lm

%lum = 53.2%

%lamp = 53.2%

Conical surface Flux(130deg): 2062.7 lm

%lum = 85.1%

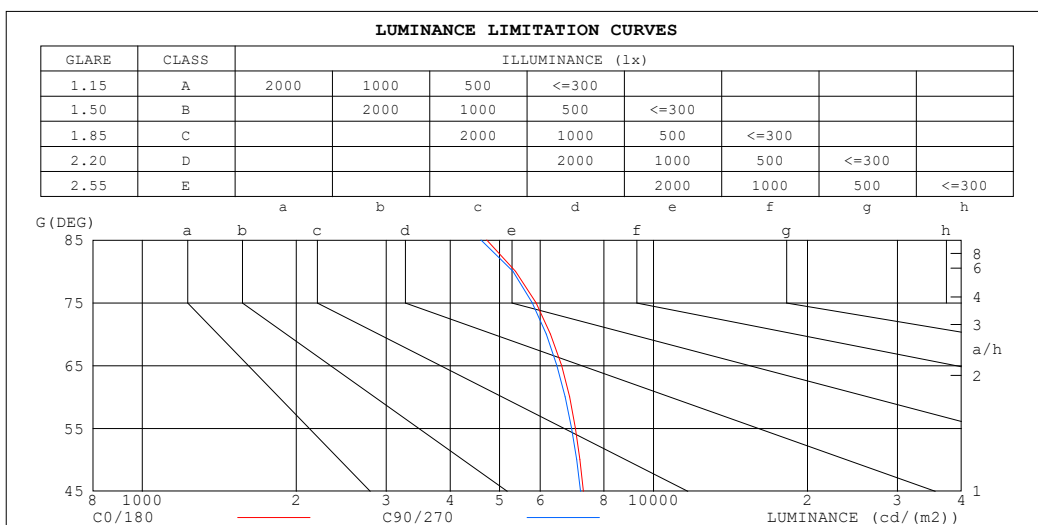
%lamp = 85.1%

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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4719	4596
80	5370	5306
75	5887	5792
70	6288	6167
65	6610	6470
60	6852	6717
55	7033	6913
50	7175	7069
45	7287	7196

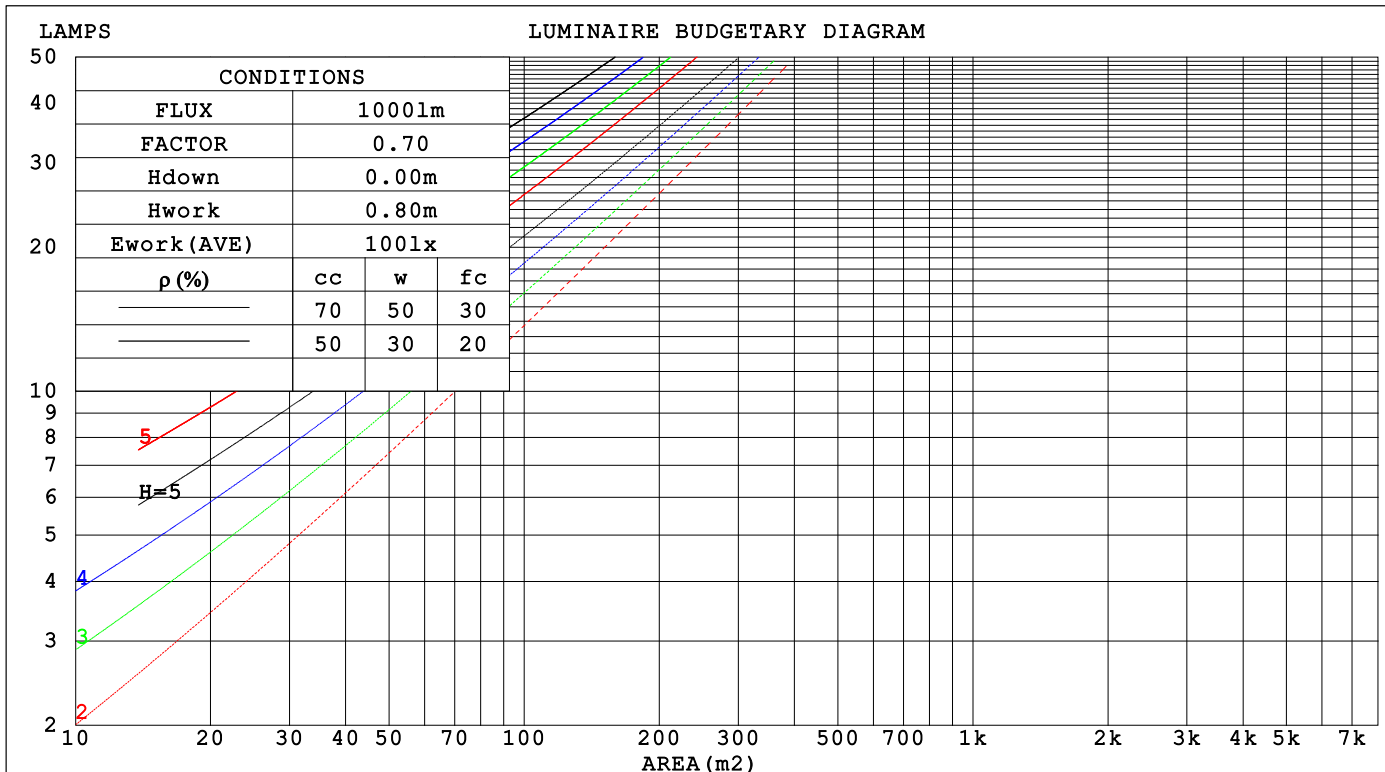
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-24

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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	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	.00														
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83														
2.0	.90	.83	.77	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69														
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.61	.69	.64	.60	.58														
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.58	.52	.62	.56	.52	.50														
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43														
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37														
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.35	.47	.40	.35	.46	.40	.35	.33														
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29														
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.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:2026-01-24

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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	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	.175	.056	.293	.168	.054	.281	.162	.052	.270	.156	.050		
2.0	.294	.161	.049	.288	.159	.049	.276	.153	.048	.265	.149	.047	.255	.144	.046		
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.250	.130	.038	.246	.129	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036		
5.0	.231	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.214	.107	.031	.211	.106	.031	.203	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.199	.099	.028	.196	.098	.028	.190	.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	.175	.084	.024	.172	.084	.023	.167	.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	.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	.122	.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	.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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm										
NAME: STRLT-RP1-ST-16-308-WH-120-5S					TYPE:			WEIGHT:		
SPEC.: 16"30W					DIM.:			SERIAL No.: 1#30K		
MFR.: YOURZOR					SUR.: 0.375			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	16.6	18.1	16.8	18.3	18.5	16.5	18.0	16.8	18.2	18.4
3H	18.1	19.5	18.4	19.8	20.0	18.0	19.4	18.3	19.7	19.9
4H	18.7	20.1	19.0	20.3	20.6	18.6	20.0	18.9	20.2	20.5
6H	19.2	20.4	19.5	20.7	21.0	19.1	20.3	19.4	20.6	20.9
8H	19.3	20.5	19.6	20.8	21.1	19.2	20.4	19.5	20.7	21.0
12H	19.3	20.5	19.7	20.8	21.1	19.2	20.4	19.6	20.7	21.0
4H 2H	17.2	18.5	17.5	18.8	19.0	17.1	18.5	17.4	18.7	19.0
3H	18.9	20.1	19.2	20.4	20.7	18.8	20.0	19.2	20.3	20.6
4H	19.6	20.7	20.0	21.0	21.4	19.6	20.6	19.9	21.0	21.3
6H	20.2	21.1	20.6	21.5	21.9	20.1	21.1	20.5	21.4	21.8
8H	20.3	21.2	20.8	21.6	22.0	20.3	21.2	20.7	21.5	21.9
12H	20.5	21.3	20.9	21.7	22.1	20.4	21.2	20.8	21.6	22.0
8H 4H	19.9	20.8	20.3	21.2	21.5	19.8	20.7	20.2	21.1	21.5
6H	20.6	21.3	21.0	21.7	22.2	20.5	21.3	21.0	21.7	22.1
8H	20.8	21.5	21.3	21.9	22.4	20.8	21.4	21.2	21.9	22.3
12H	21.0	21.6	21.5	22.0	22.5	21.0	21.5	21.4	22.0	22.4
12H 4H	19.9	20.7	20.3	21.1	21.5	19.8	20.7	20.3	21.0	21.5
6H	20.6	21.3	21.1	21.7	22.2	20.6	21.2	21.0	21.7	22.1
8H	20.9	21.5	21.4	21.9	22.4	20.9	21.4	21.3	21.9	22.4
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, 2424 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)
Area: 0.11 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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	Shielding Angle:

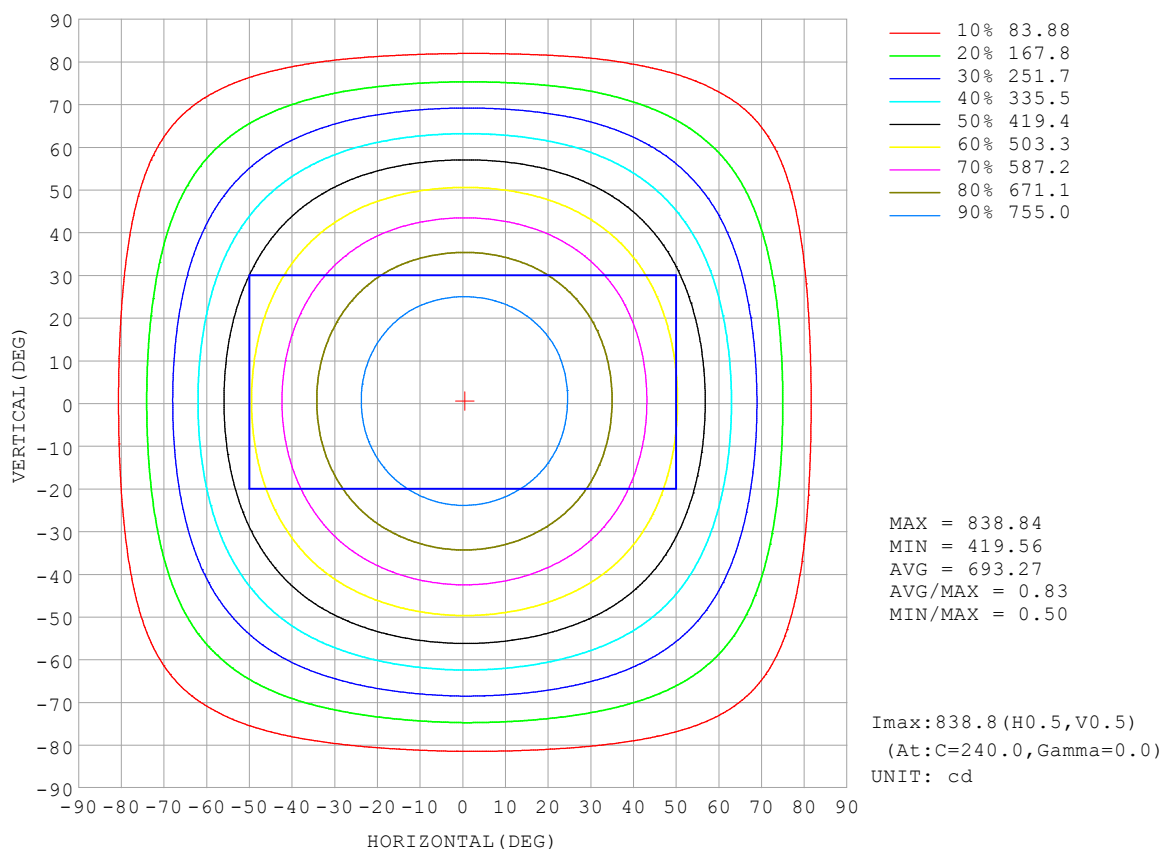
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	64	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	56
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:2026-01-24

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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.8lx1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	Shielding Angle:

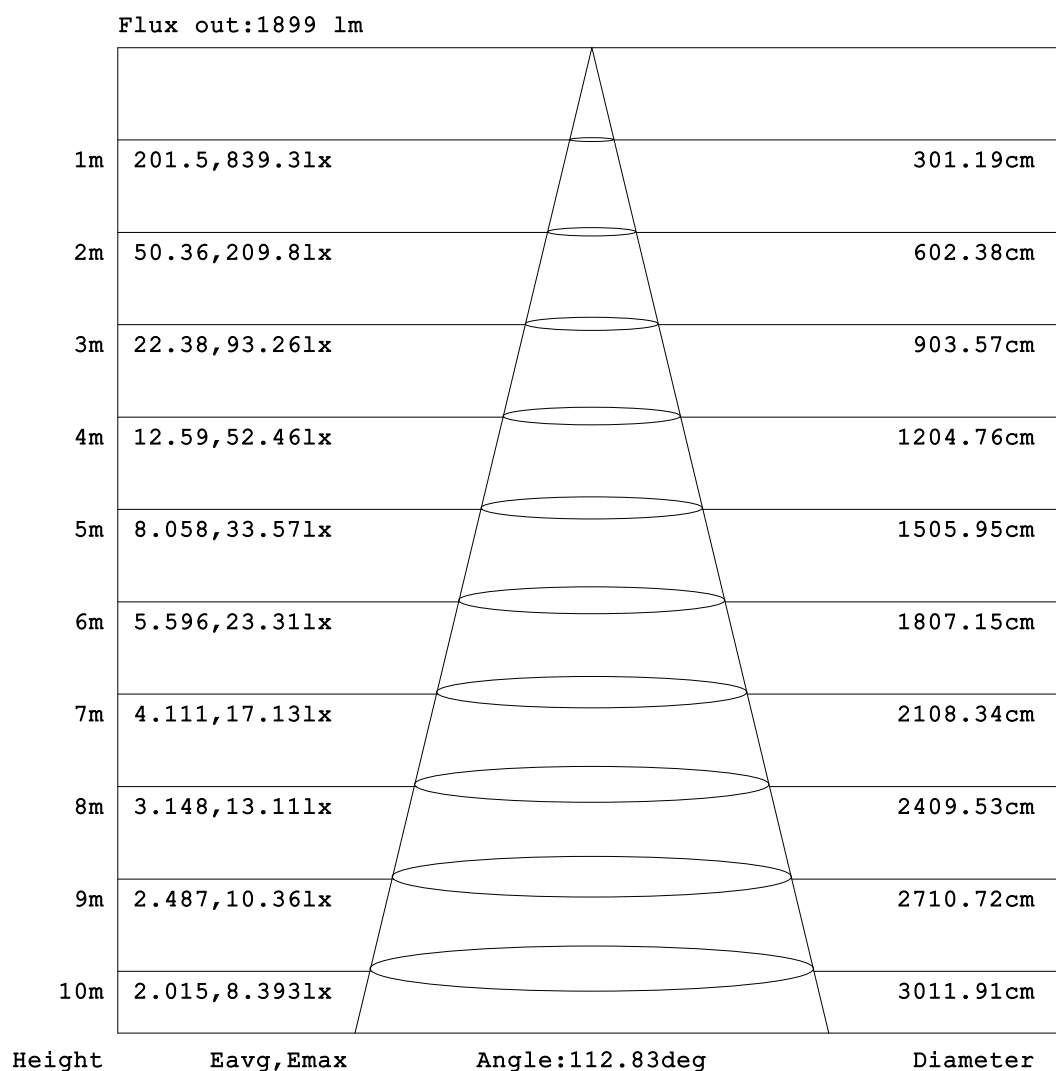


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-01-24

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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81lx1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	Shielding Angle:



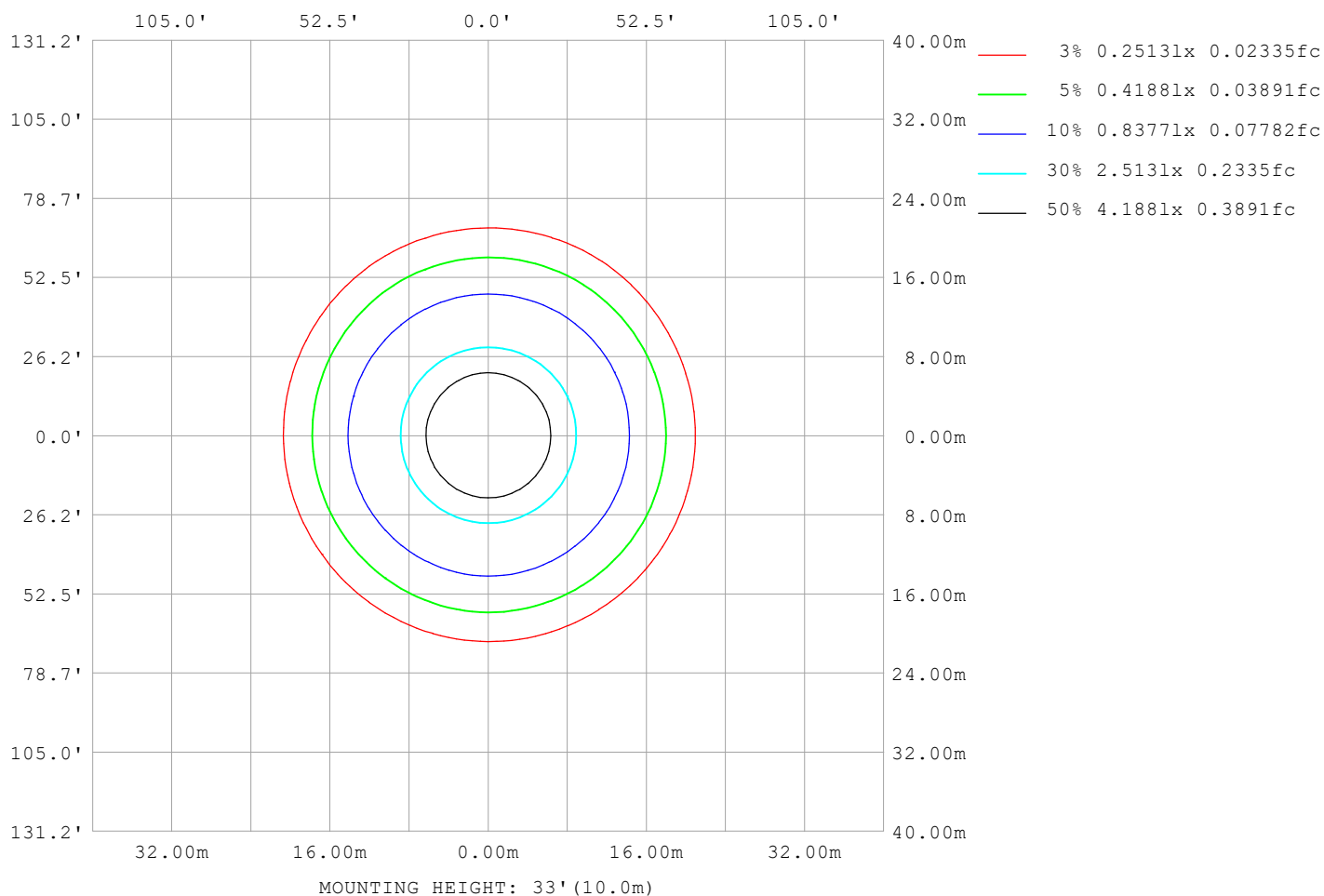
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.8lx1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	Shielding Angle:

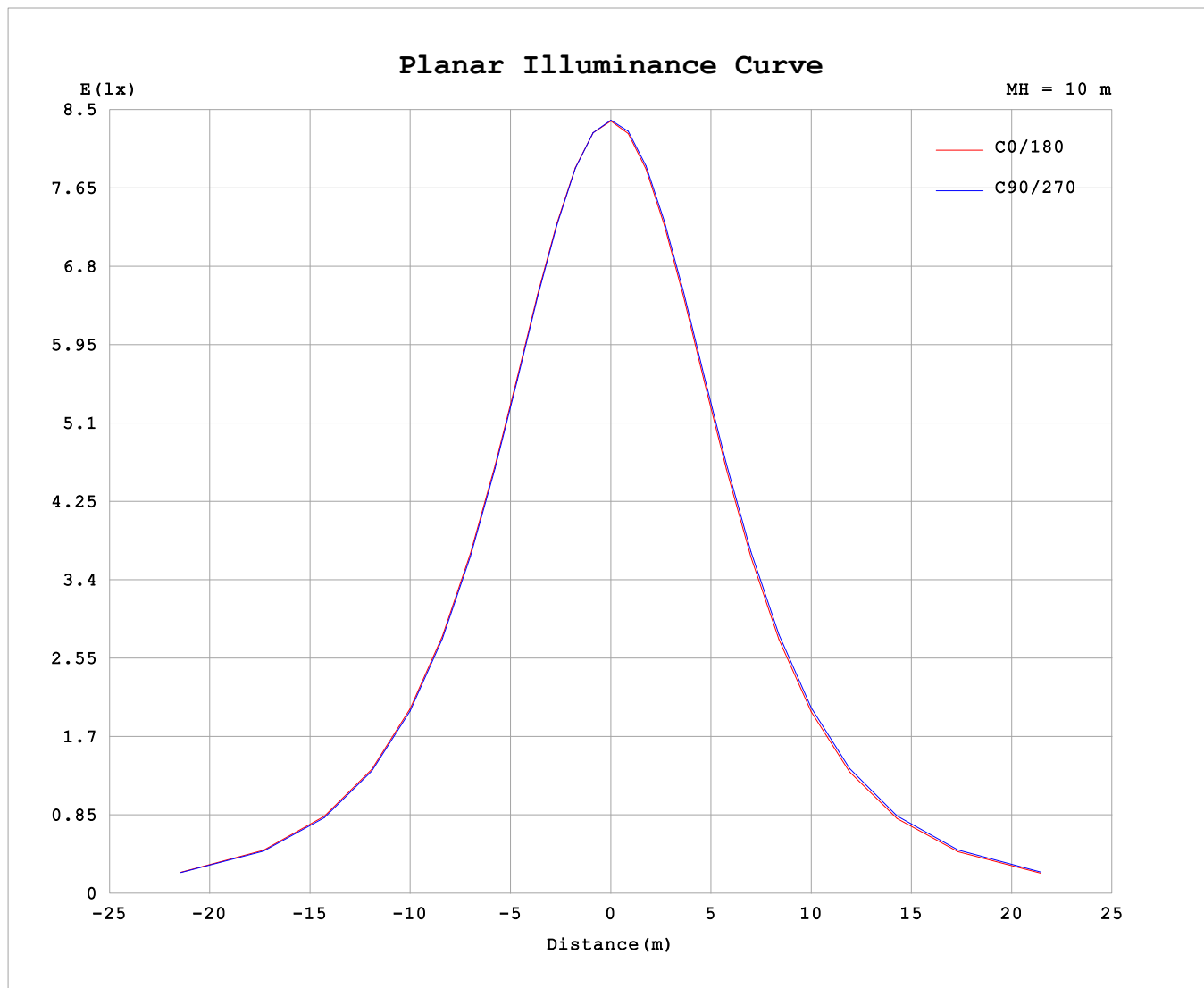
AvgL	cd/m2
L_0~180 (65) av	6470
L_0~180 (75) av	5666
L_0~180 (85) av	4258
L_90~270 (65) av	6564
L_90~270 (75) av	5907
L_90~270 (85) av	4781
L_45 (65) av	6499
L_45 (75) av	5759
L_45 (85) av	4487

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:121.24V I:0.2715A P:30.420W PF:0.9241 Freq:50.00Hz Lamp Flux:2423.81x1 lm		
NAME: STRLT-RP1-ST-16-308-WH-120-5S	TYPE:	WEIGHT:
SPEC.: 16"30W	DIM.:	SERIAL No.: 1#30K
MFR.: YOURZOR	SUR.: 0.375	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:

```