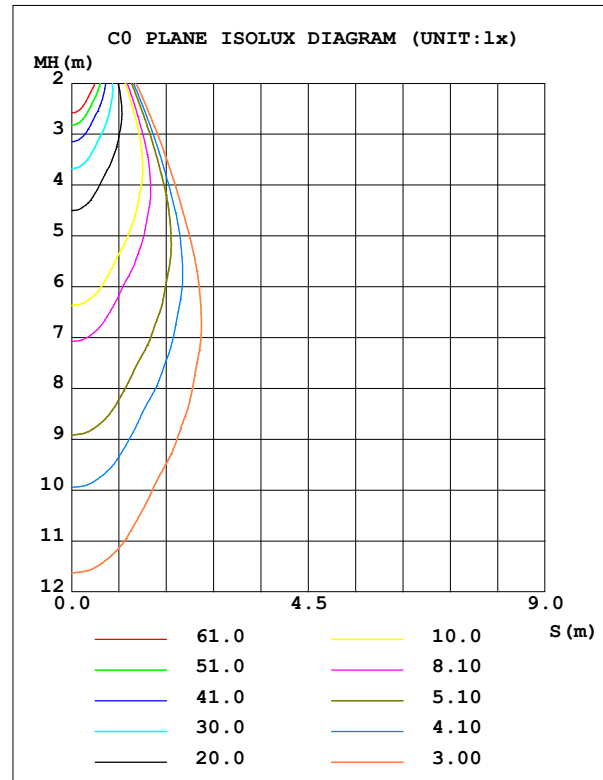
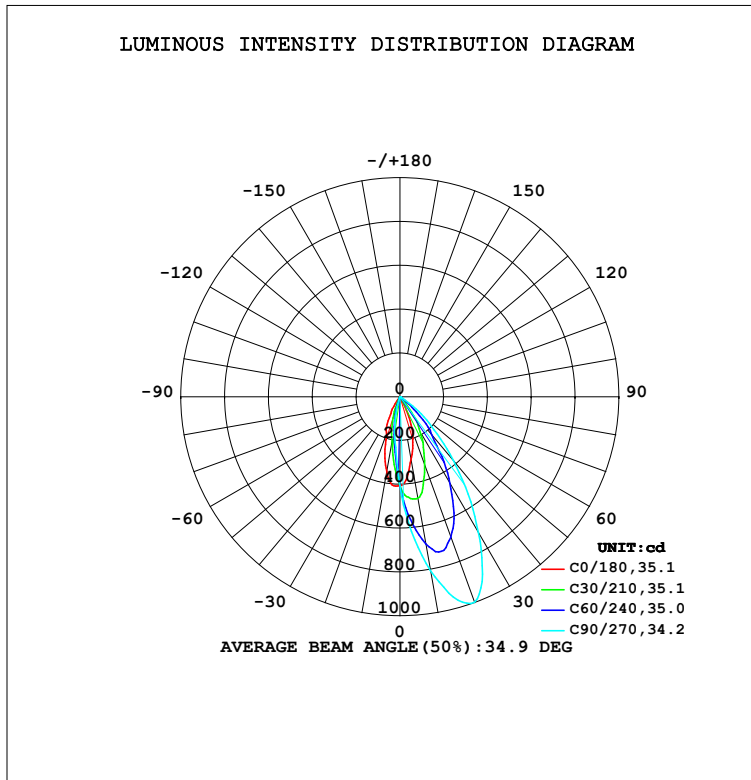


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 42.99 lm/W
MODEL		I _{max} (cd)	997.6	S/MH (C0/180)		0.61
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)		0.22
RATED VOLTAGE (V)		TOTAL FLUX (lm)	399.79	η UP,DN (C0-180)		0.0,89.9
NOMINAL FLUX (lm)	399.786	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,10.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE (V)		η down (%)	100.0	CIBSE SHR MAX		0.60



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_v1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

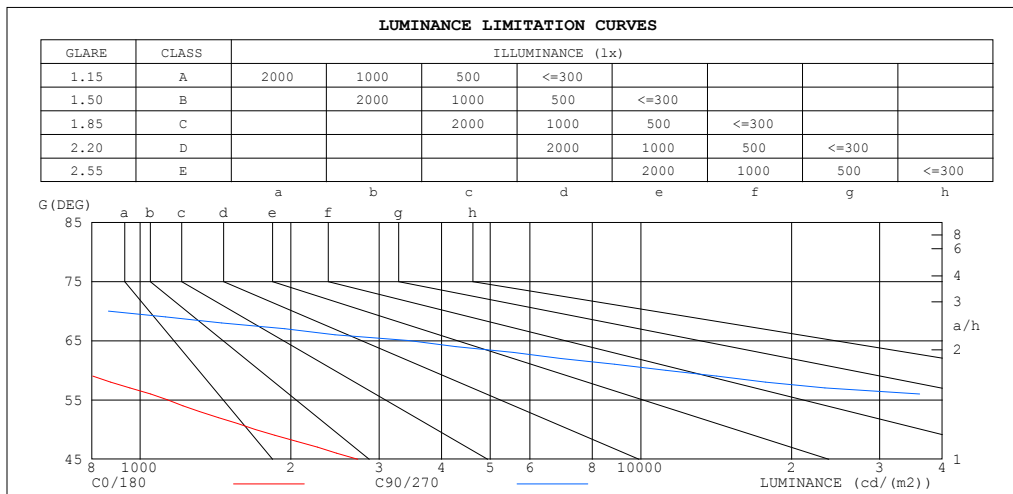
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	293.7	576.1	806.1	661.4	347.7	183.5	142.1	176.6	0- 10	38.45	38.45	9.62,9.62
20	166.8	506.8	997.6	673.9	181.4	50.79	9.062	38.16	10- 20	103.7	142.2	35.6,35.6
30	28.23	322.0	716.0	434.3	80.81	3.912	2.193	3.727	20- 30	119.3	261.4	65.4,65.4
40	3.928	136.9	379.5	194.4	6.100	1.559	0.8337	1.577	30- 40	86.19	347.6	87,87
50	1.375	33.00	144.8	56.04	1.927	0.6466	0.4886	0.6555	40- 50	41.92	389.6	97.4,97.4
60	0.4685	2.762	6.984	2.563	0.5232	0.2990	0.3317	0.3206	50- 60	9.258	398.8	99.8,99.8
70	0.1750	0.3582	0.3684	0.4392	0.1306	0.2058	0.2608	0.2378	60- 70	0.7733	399.6	100,100
80	0.0866	0.0514	0.0416	0.0466	0.0574	0.1093	0.1612	0.1364	70- 80	0.1534	399.7	100,100
90	0	0	0	0	0	0.0007	0.0050	0	80- 90	0.0447	399.8	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		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_v1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	359	137
80	396	193
75	409	232
70	406	865
65	448	3443
60	744	11215
55	1133	68265
50	1698	180854
45	2721	276092

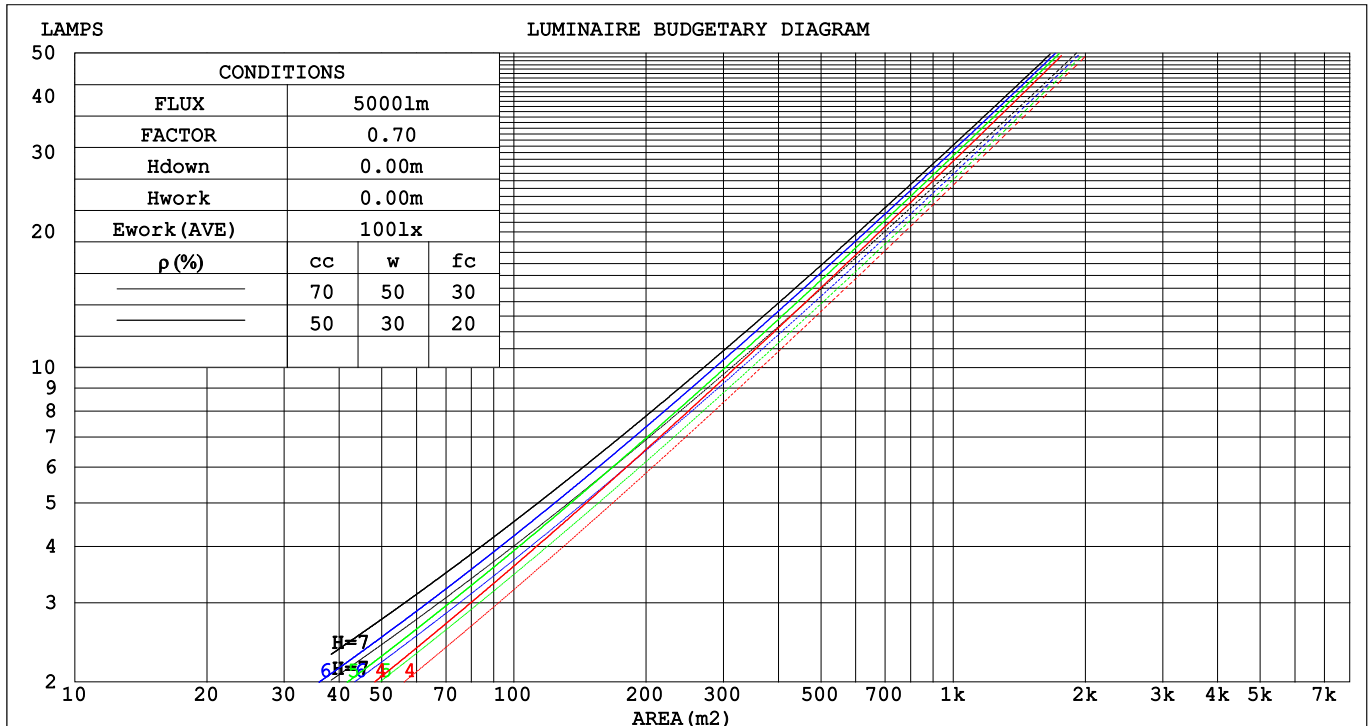
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 03 August 2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-i300_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	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	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.02	.98	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.86
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.83	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.82	.76	.72	.81	.76	.71	.80	.75	.71	.78	.74	.70	.76	.73	.70	.68
6.0	.77	.71	.66	.76	.70	.66	.75	.69	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.72	.66	.61	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.63	.60	.59
8.0	.68	.61	.57	.67	.61	.57	.66	.61	.57	.65	.60	.56	.64	.59	.56	.55
9.0	.64	.57	.53	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10.0	.60	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.50	.57	.53	.49	.48



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm																	
NAME: SLDL256T-30SDP-TWD10									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: Switch Lighting									SUR.:						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	.184	.105	.033	.177	.101	.032	.164	.094	.030	.153	.088	.028	.142	.082	.027	
2.0	.177	.097	.030	.172	.095	.029	.161	.090	.028	.151	.085	.027	.142	.080	.025	
3.0	.170	.090	.027	.165	.088	.027	.156	.084	.026	.147	.081	.025	.140	.077	.024	
4.0	.162	.084	.025	.158	.083	.024	.150	.080	.024	.143	.077	.023	.136	.074	.022	
5.0	.155	.079	.023	.151	.078	.023	.144	.075	.022	.138	.073	.022	.132	.070	.021	
6.0	.148	.074	.021	.145	.073	.021	.138	.071	.021	.133	.069	.020	.127	.067	.020	
7.0	.141	.070	.020	.138	.069	.020	.133	.067	.019	.128	.066	.019	.123	.064	.019	
8.0	.135	.066	.019	.133	.065	.018	.128	.064	.018	.123	.062	.018	.119	.061	.018	
9.0	.129	.063	.017	.127	.062	.017	.123	.061	.017	.119	.059	.017	.115	.058	.017	
10.0	.124	.059	.016	.122	.059	.016	.118	.058	.016	.114	.057	.016	.111	.056	.016	

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	.172	.157	.144	.147	.135	.124	.100	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.134	.114	.097	.092	.079	.067	.053	.046	.040	.017	.015	.013	
3.0	.145	.114	.088	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.008	
5.0	.127	.088	.058	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.078	.049	.103	.068	.042	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.114	.071	.041	.098	.062	.036	.068	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.108	.065	.035	.093	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.103	.060	.030	.089	.052	.027	.062	.036	.019	.036	.022	.011	.012	.007	.004	
10.0	.098	.055	.027	.085	.048	.023	.059	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm											
NAME: SLDL256T-30SDP-TWD10					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: Switch Lighting					SUR.:			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	2H	22.7	23.7	22.9	23.8	24.0	33.4	34.4	33.6	34.6	34.7
	3H	22.5	23.4	22.7	23.6	23.8	33.2	34.1	33.5	34.3	34.5
	4H	22.4	23.3	22.7	23.5	23.7	33.1	34.0	33.4	34.2	34.4
	6H	22.3	23.1	22.6	23.4	23.6	33.0	33.8	33.3	34.1	34.3
	8H	22.3	23.0	22.6	23.3	23.6	33.0	33.8	33.3	34.0	34.3
	12H	22.2	23.0	22.5	23.2	23.5	32.9	33.7	33.3	34.0	34.2
4H	2H	22.5	23.4	22.8	23.6	23.8	33.1	34.0	33.4	34.2	34.4
	3H	22.3	23.1	22.7	23.3	23.6	32.9	33.7	33.3	34.0	34.2
	4H	22.2	22.9	22.6	23.2	23.5	32.8	33.5	33.2	33.8	34.1
	6H	22.1	22.7	22.5	23.1	23.4	32.7	33.3	33.1	33.7	34.0
	8H	22.1	22.6	22.5	23.0	23.4	32.7	33.2	33.1	33.6	34.0
	12H	22.0	22.5	22.5	22.9	23.3	32.6	33.1	33.1	33.5	33.9
8H	4H	22.1	22.6	22.5	23.0	23.4	32.7	33.2	33.1	33.6	34.0
	6H	22.0	22.4	22.4	22.8	23.3	32.6	33.0	33.0	33.4	33.9
	8H	21.9	22.3	22.4	22.8	23.2	32.5	32.9	33.0	33.4	33.8
	12H	21.9	22.2	22.4	22.7	23.1	32.5	32.8	33.0	33.3	33.7
12H	4H	22.0	22.5	22.5	22.9	23.3	32.6	33.1	33.1	33.5	33.9
	6H	21.9	22.3	22.4	22.8	23.2	32.5	32.9	33.0	33.4	33.8
	8H	21.9	22.2	22.4	22.7	23.1	32.5	32.8	33.0	33.3	33.7
Variations with the observer position at spacings:											
S = 1.0H		+ 3.1 / -15.6					+ 4.2 / -15.1				
1.5H		+ 6.1 / -13.8					+ 4.9 / -15.4				
2.0H		+ 7.1 / -10.2					+ 7.5 / -19.1				

CIE Pub.117, 399.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

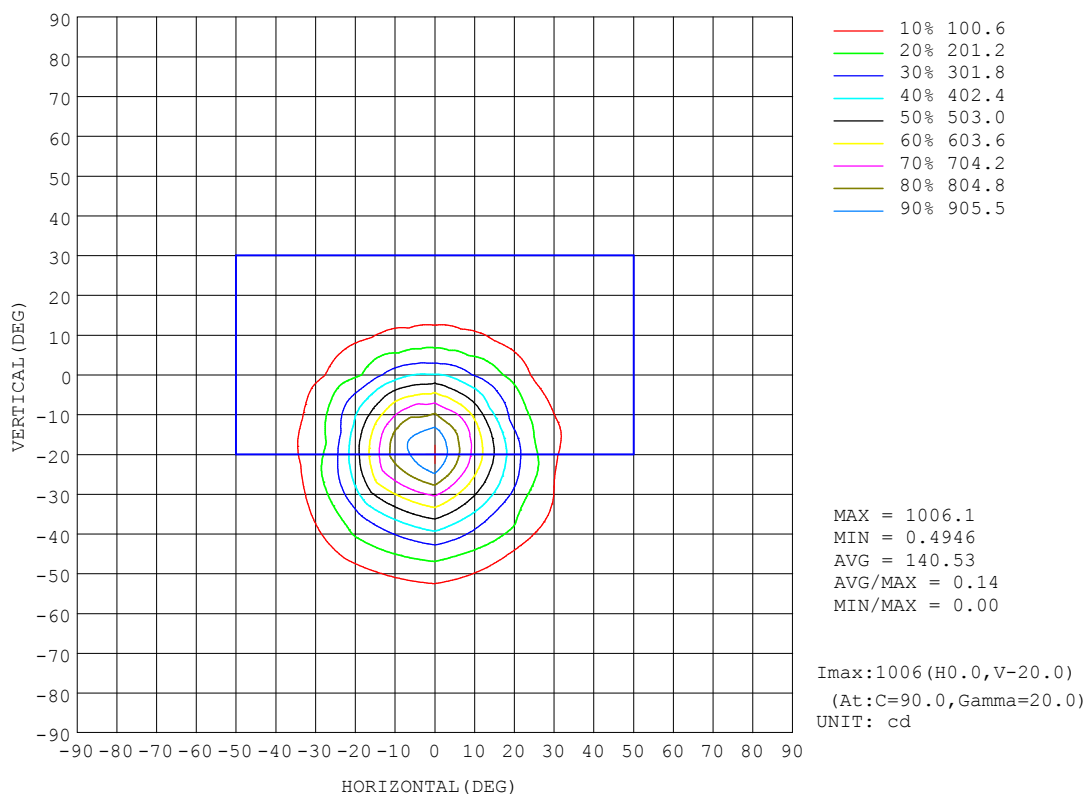
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	91	85	81	89	84	80	76
1.00	97	91	87	96	90	86	94	90	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	99	95	101	97	94	89
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	105	109	106	103	106	103	101	95
4.00	113	110	108	111	109	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	97
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:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

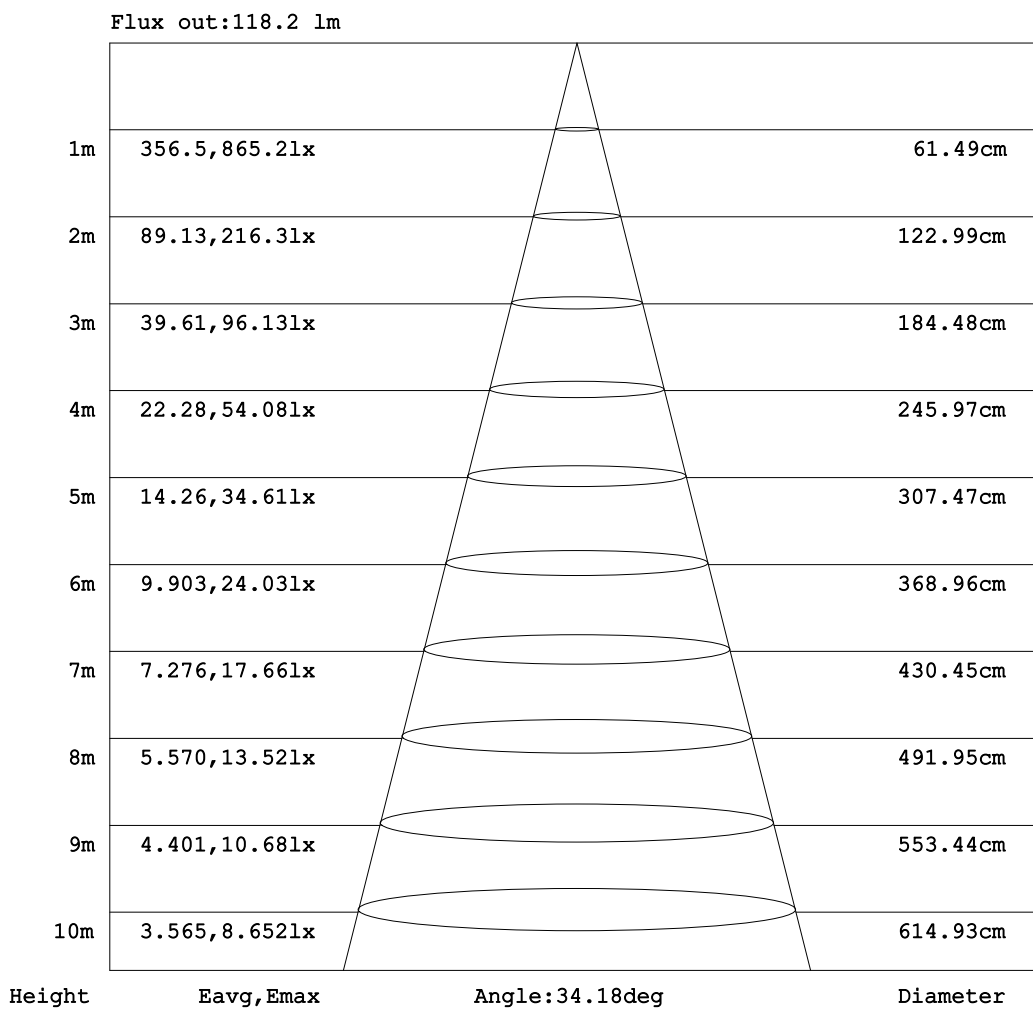


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_v1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:



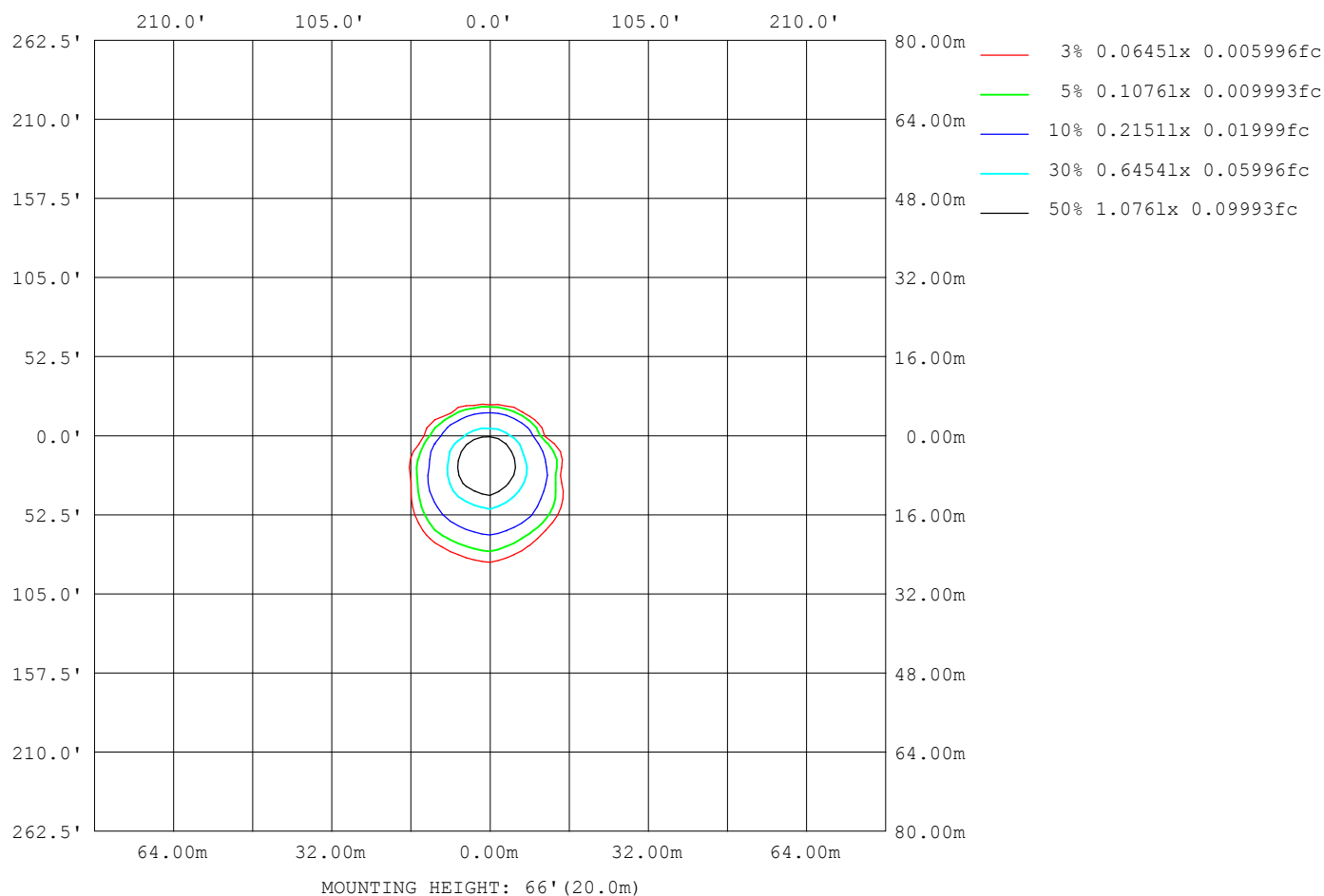
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 03 August 2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-i300_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.00V I:0.0410A P:9.3000W PF:0.9760 Freq:50.00Hz Lamp Flux:399.786x1 lm		
NAME: SLDL256T-30SDP-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

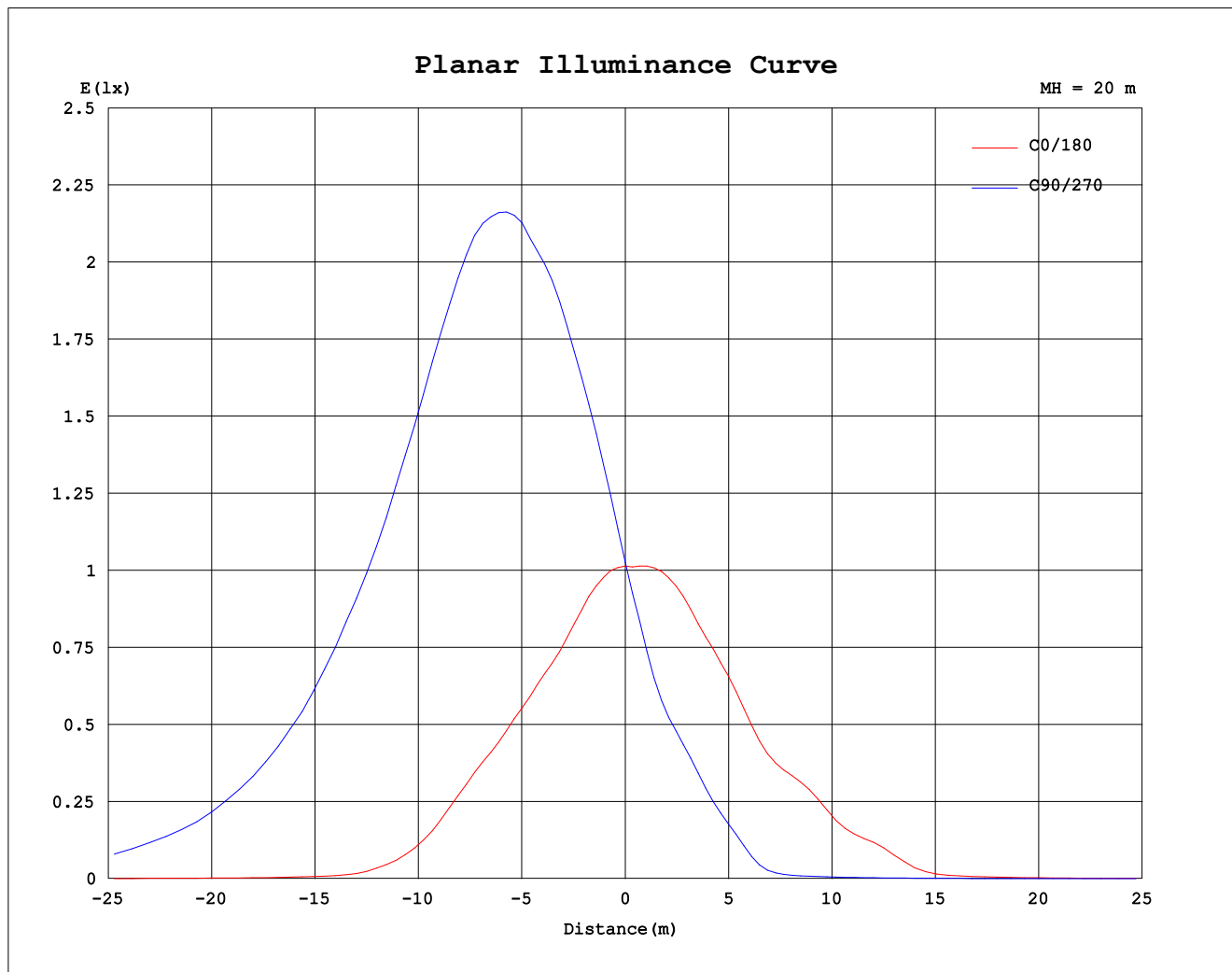
AvgL	cd/m2
L_0~180 (65) av	437
L_0~180 (75) av	351
L_0~180 (85) av	283
L_90~270 (65) av	1988
L_90~270 (75) av	447
L_90~270 (85) av	470
L_45 (65) av	1390
L_45 (75) av	391
L_45 (85) av	371

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 03 August 2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-i300_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-i300_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks:

```