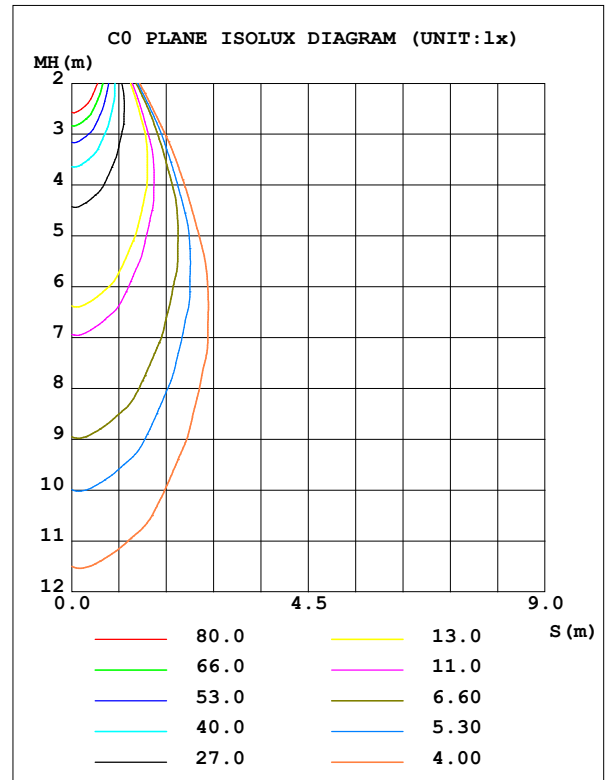
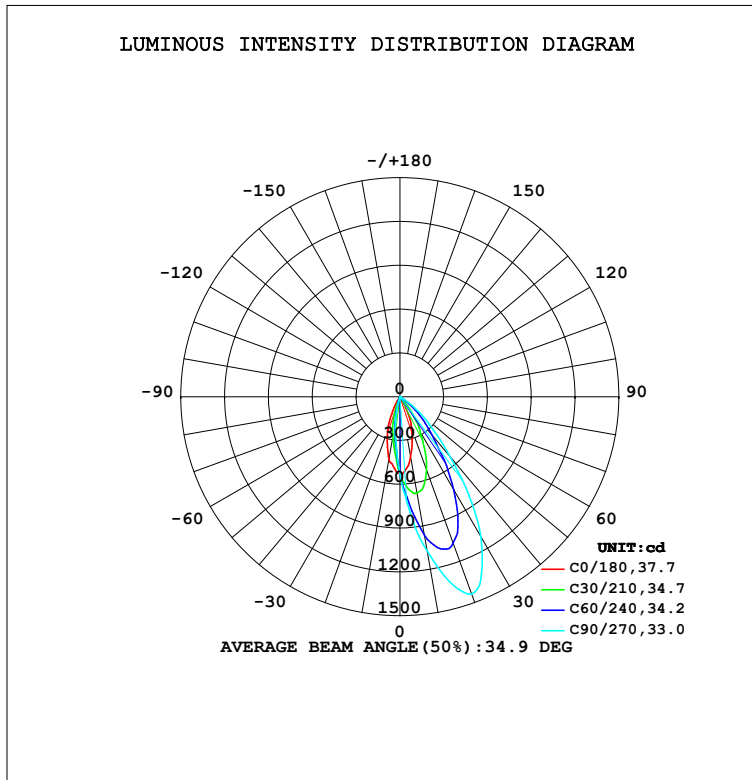


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.00V I:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 58.02 lm/W
MODEL		I _{max} (cd)	1438	S/MH (C0/180)		0.60
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)		0.25
RATED VOLTAGE (V)		TOTAL FLUX (lm)	551.17	η UP,DN (C0-180)		0.0,90.9
NOMINAL FLUX (lm)	551.167	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,9.1
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:

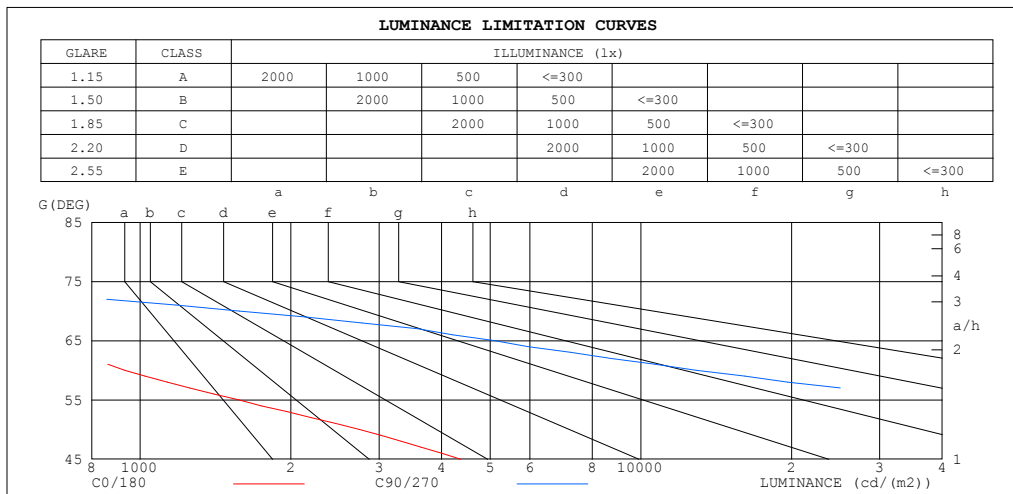
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	419.3	813.0	1068	811.8	436.1	244.1	188.1	252.7	0- 10	50.41	50.41	9.15,9.15
20	243.4	798.6	1438	806.8	255.0	54.87	12.28	48.66	10- 20	139.7	190.1	34.5,34.5
30	67.71	509.8	1109	546.3	71.13	6.140	2.975	4.653	20- 30	167.8	357.9	64.9,64.9
40	6.197	214.3	534.3	233.3	6.314	2.414	1.219	1.980	30- 40	122.1	480.0	87.1,87.1
50	2.212	61.22	202.2	66.06	2.062	0.9266	0.7630	0.9410	40- 50	56.95	536.9	97.4,97.4
60	0.5841	3.929	8.068	3.378	0.6463	0.5126	0.5688	0.5121	50- 60	12.79	549.7	99.7,99.7
70	0.2417	0.5574	0.6750	0.4896	0.2436	0.3879	0.4632	0.3850	60- 70	1.109	550.8	99.9,99.9
80	0.1189	0.0691	0.0611	0.0718	0.1157	0.2272	0.2984	0.2198	70- 80	0.2525	551.1	100,100
90	0	0	0	0	0.0007	0.0043	0.0115	0	80- 90	0.0785	551.2	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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	506	223
80	546	282
75	564	352
70	563	1580
65	654	5090
60	931	12914
55	1571	103939
50	2743	251717
45	4368	376934

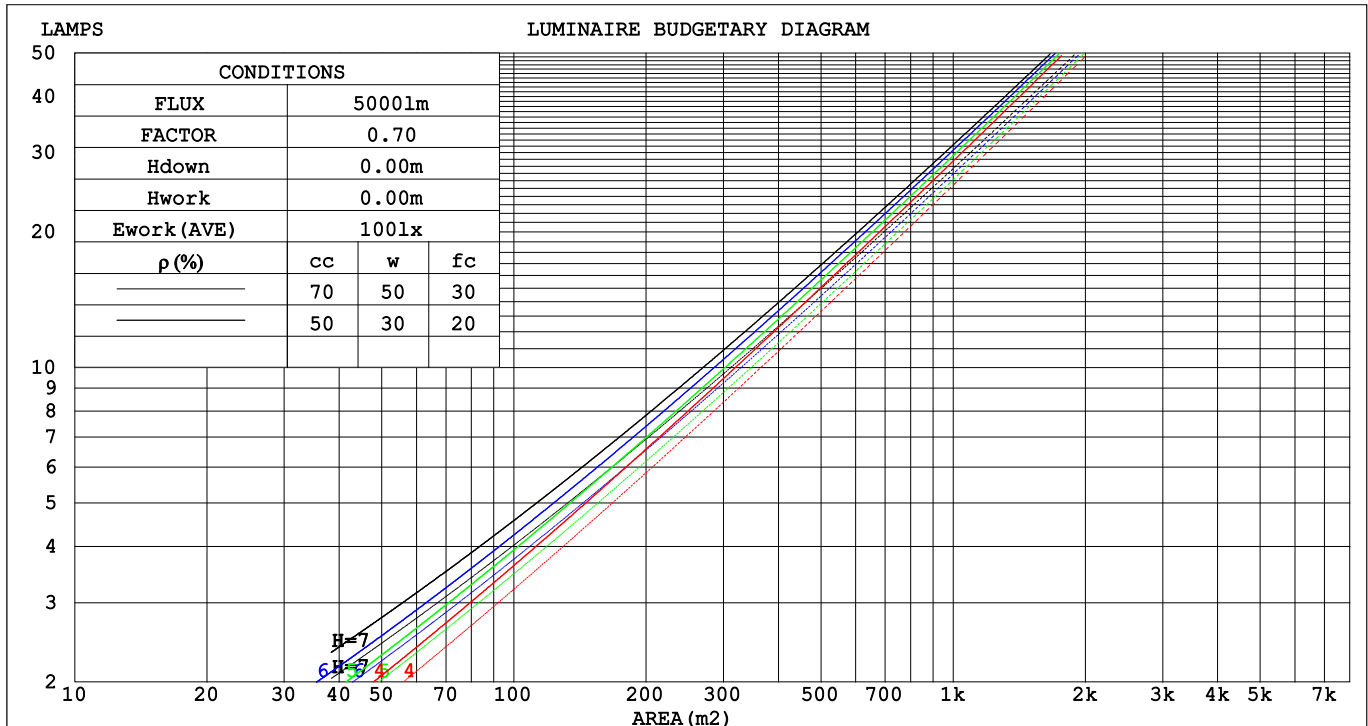
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:03 August 2020

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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-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															



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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm																	
NAME: SLDL256T-3030P-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	.185	.105	.033	.178	.101	.032	.165	.095	.030	.154	.089	.028	.143	.083	.027	
2.0	.178	.098	.030	.173	.095	.029	.162	.090	.028	.152	.085	.027	.143	.081	.026	
3.0	.171	.091	.027	.166	.089	.027	.157	.085	.026	.148	.081	.025	.140	.078	.024	
4.0	.163	.085	.025	.159	.083	.025	.151	.080	.024	.144	.077	.023	.137	.074	.023	
5.0	.156	.079	.023	.152	.078	.023	.145	.076	.022	.139	.073	.022	.133	.071	.021	
6.0	.149	.075	.021	.145	.073	.021	.139	.071	.021	.134	.069	.020	.128	.068	.020	
7.0	.142	.070	.020	.139	.069	.020	.134	.068	.019	.129	.066	.019	.124	.064	.019	
8.0	.136	.066	.019	.133	.066	.019	.128	.064	.018	.124	.063	.018	.120	.061	.018	
9.0	.130	.063	.018	.128	.062	.017	.123	.061	.017	.119	.060	.017	.115	.059	.017	
10.0	.125	.060	.017	.123	.059	.017	.119	.058	.016	.115	.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	.135	.114	.097	.092	.079	.067	.053	.046	.039	.017	.015	.013		
3.0	.145	.114	.088	.125	.098	.077	.086	.068	.054	.049	.040	.032	.016	.013	.010		
4.0	.136	.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	.048	.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	.065	.040	.022	.038	.023	.013	.012	.008	.004		
9.0	.103	.060	.030	.089	.052	.026	.062	.036	.019	.036	.022	.011	.012	.007	.004		
10.0	.099	.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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm											
NAME: SLDL256T-3030P-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	23.6	24.6	23.8	24.8	25.0	33.9	35.0	34.2	35.1	35.3
	3H	23.4	24.3	23.7	24.5	24.8	33.8	34.7	34.0	34.9	35.1
	4H	23.3	24.2	23.6	24.4	24.7	33.7	34.5	34.0	34.8	35.0
	6H	23.2	24.1	23.5	24.3	24.6	33.6	34.4	33.9	34.6	34.9
	8H	23.2	24.0	23.5	24.2	24.5	33.5	34.3	33.8	34.6	34.8
	12H	23.1	23.9	23.5	24.2	24.4	33.5	34.2	33.8	34.5	34.8
4H	2H	23.6	24.4	23.8	24.6	24.9	33.7	34.5	34.0	34.8	35.0
	3H	23.4	24.1	23.7	24.4	24.7	33.5	34.2	33.8	34.5	34.8
	4H	23.3	24.0	23.6	24.3	24.6	33.4	34.1	33.7	34.4	34.7
	6H	23.2	23.8	23.6	24.1	24.5	33.3	33.9	33.7	34.2	34.6
	8H	23.1	23.7	23.5	24.0	24.4	33.3	33.8	33.6	34.2	34.5
	12H	23.1	23.6	23.5	24.0	24.3	33.2	33.7	33.6	34.1	34.5
8H	4H	23.1	23.7	23.5	24.0	24.4	33.3	33.8	33.6	34.2	34.5
	6H	23.0	23.5	23.5	23.9	24.3	33.2	33.6	33.6	34.0	34.4
	8H	23.0	23.4	23.4	23.8	24.2	33.1	33.5	33.5	33.9	34.4
	12H	22.9	23.3	23.4	23.7	24.2	33.0	33.4	33.5	33.8	34.3
12H	4H	23.1	23.6	23.5	24.0	24.3	33.2	33.7	33.6	34.1	34.5
	6H	23.0	23.4	23.4	23.8	24.2	33.1	33.5	33.5	33.9	34.4
	8H	22.9	23.3	23.4	23.7	24.2	33.0	33.4	33.5	33.8	34.3
Variations with the observer position at spacings:											
S = 1.0H		+ 2.9 / -17.1					+ 4.2 / -16.4				
1.5H		+ 6.2 / -15.0					+ 4.9 / -16.0				
2.0H		+ 7.4 / -11.7					+ 7.0 / -19.1				

CIE Pub.117, 551.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.1)

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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

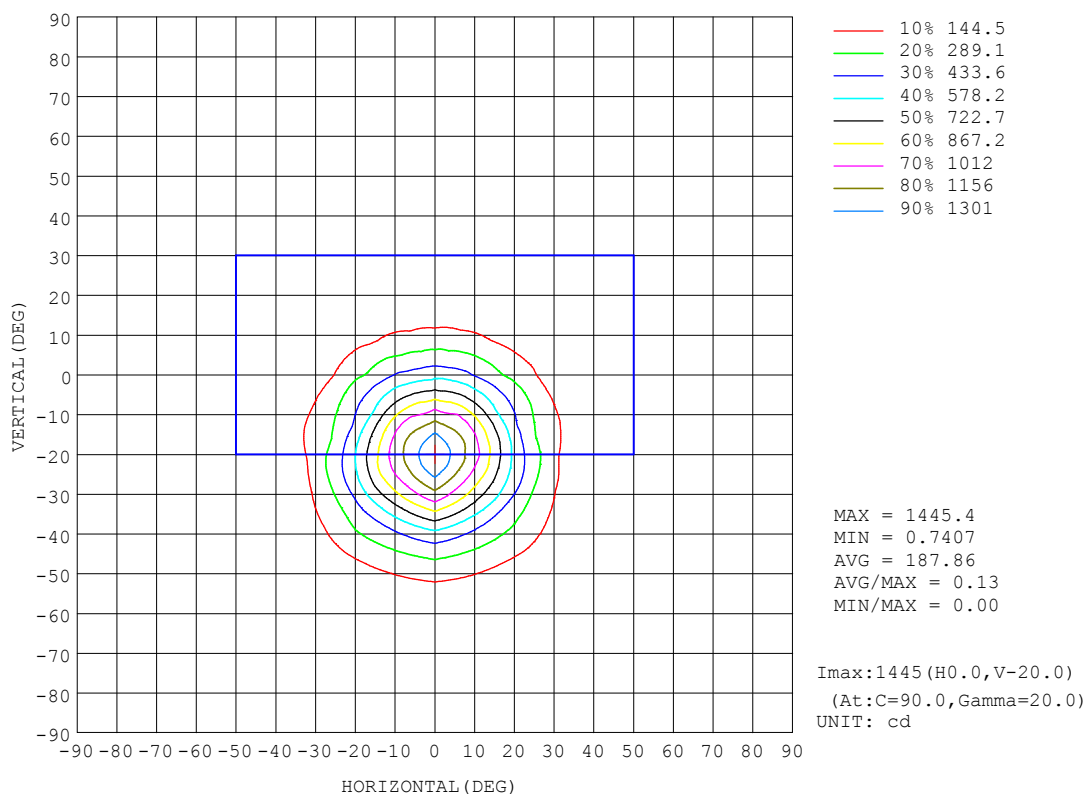
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	91	85	81	90	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	98	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	98
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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

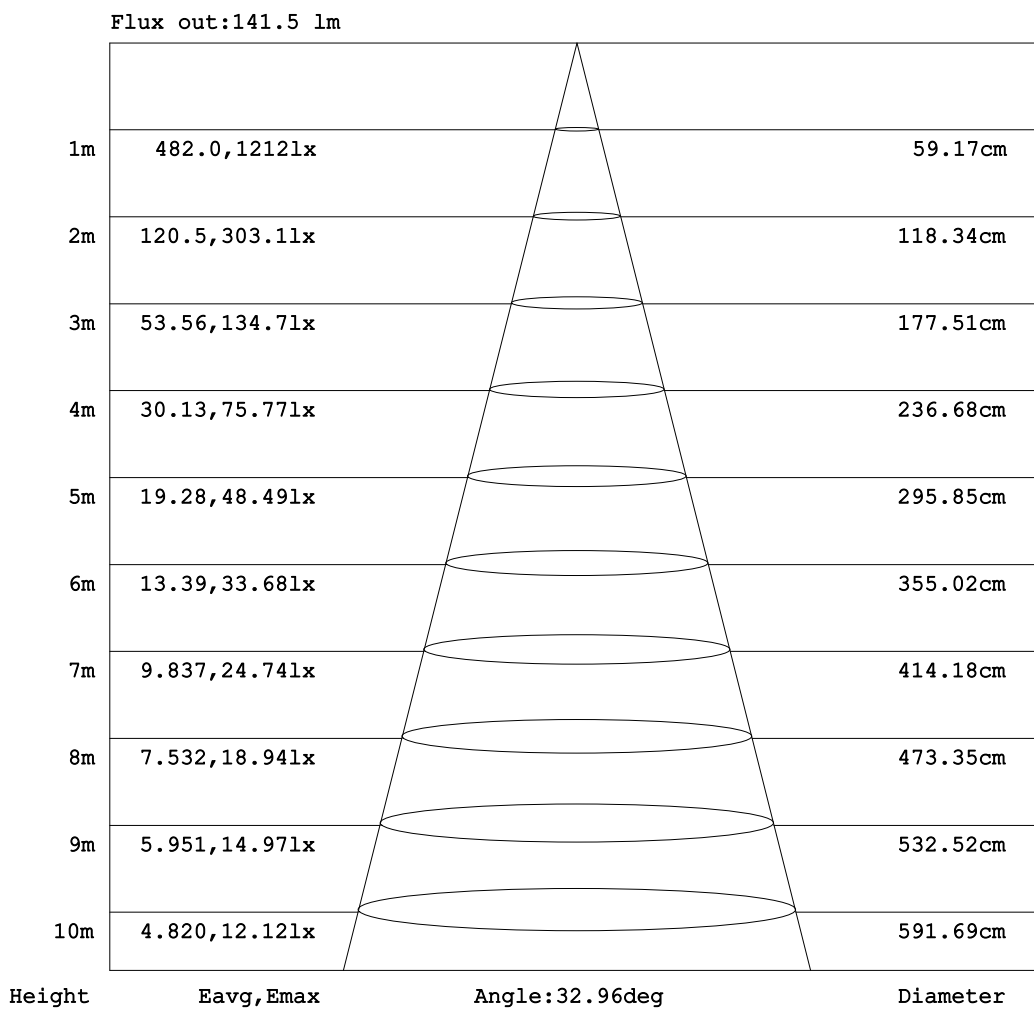


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jason
 Test Date:03 August 2020

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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:



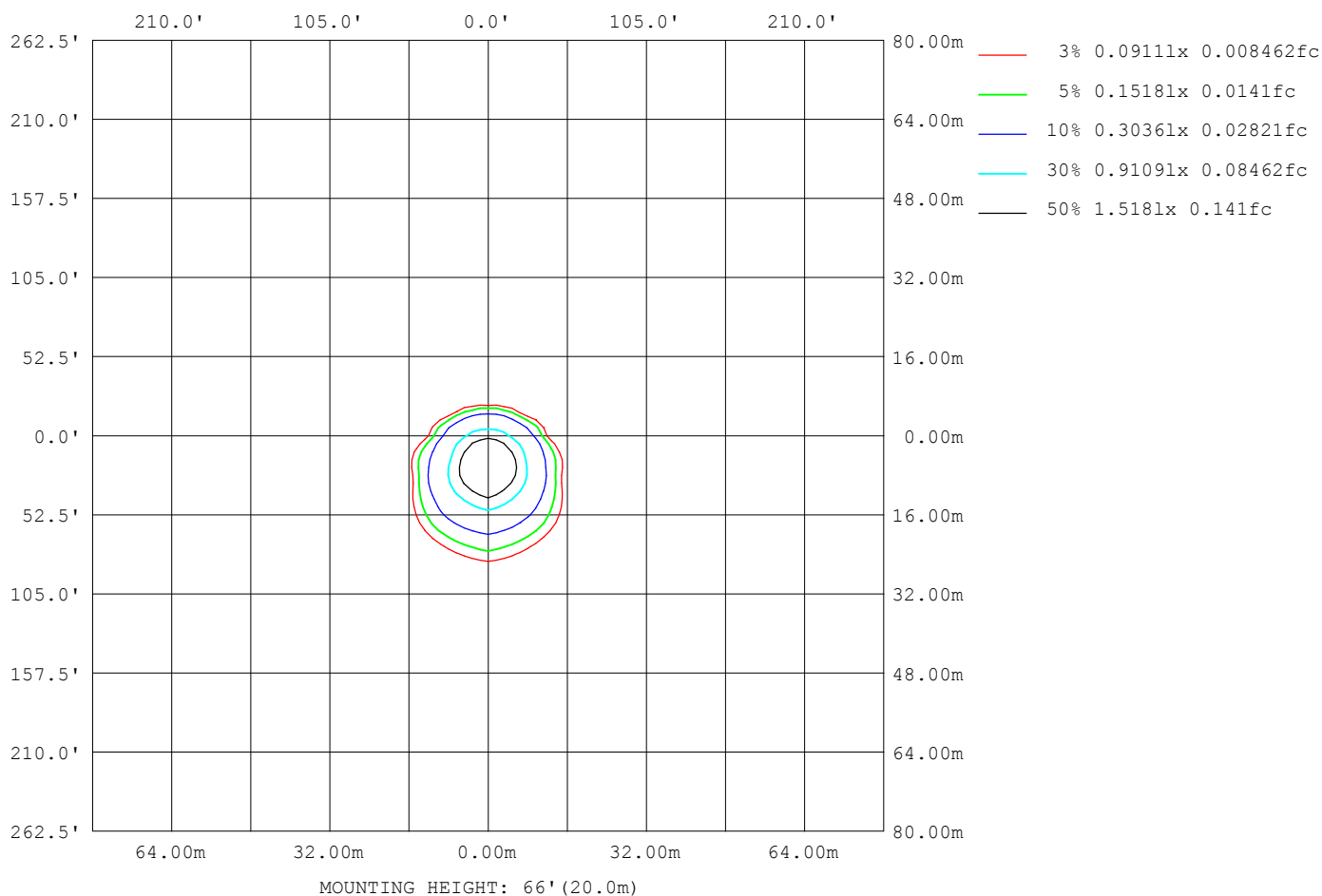
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-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:0.0420A P:9.5000W PF:0.9780 Freq:50.00Hz Lamp Flux:551.167x1 lm		
NAME: SLDL256T-3030P-TWD10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

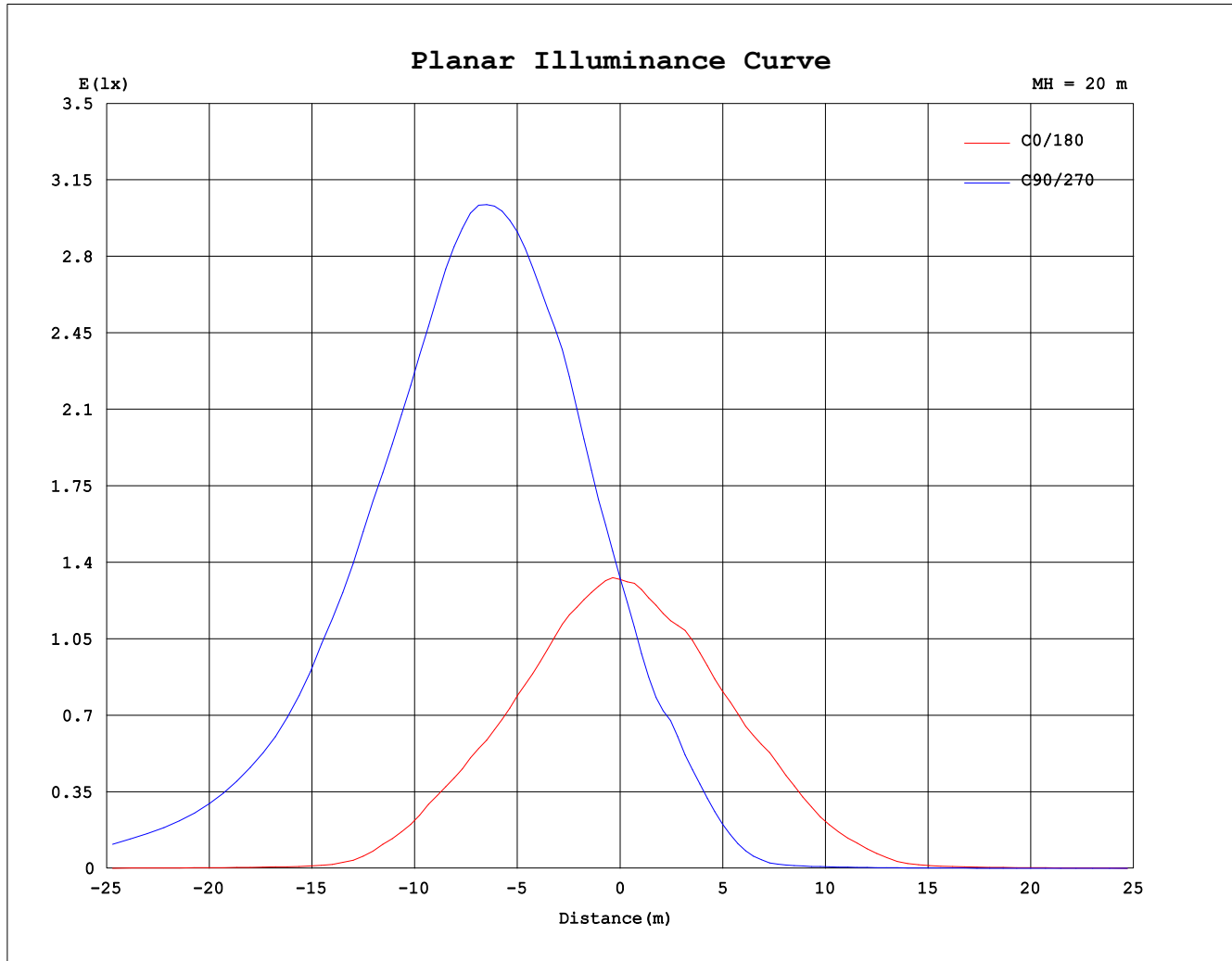
AvgL	cd/m2
L_0~180 (65) av	664
L_0~180 (75) av	561
L_0~180 (85) av	487
L_90~270 (65) av	3024
L_90~270 (75) av	782
L_90~270 (85) av	868
L_45 (65) av	2039
L_45 (75) av	654
L_45 (85) av	645

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:

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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:

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