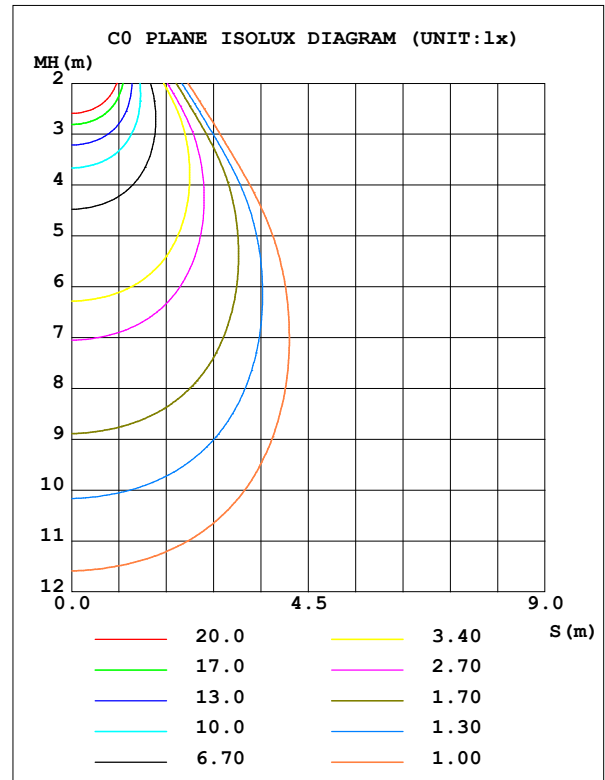
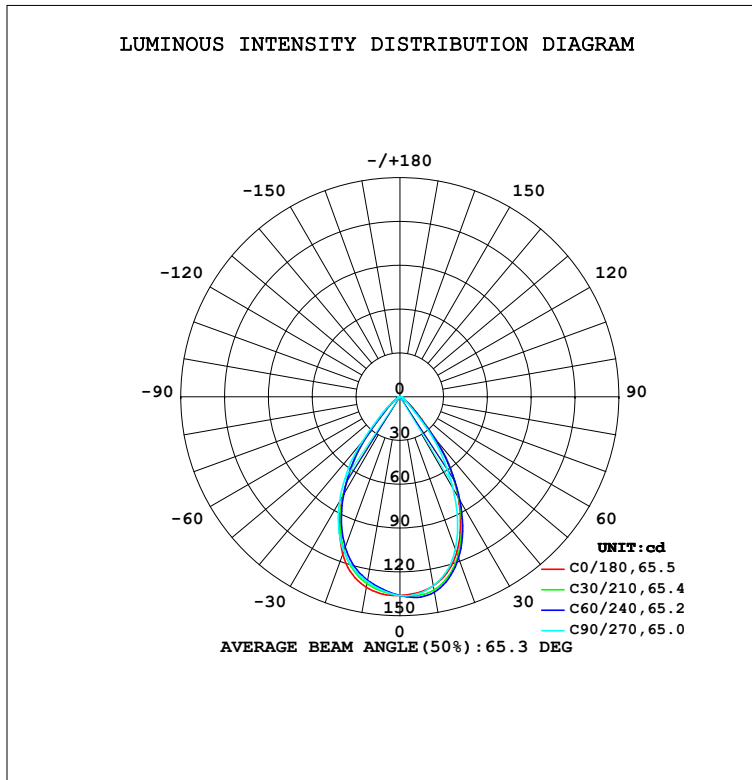


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 101.40 lm/W
MODEL		I _{max} (cd)	137.9	S/MH (C0/180)		0.96
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)		1.00
RATED VOLTAGE (V)		TOTAL FLUX (lm)	149.41	η UP,DN (C0-180)		0.0,49.3
NOMINAL FLUX (lm)	149.414	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,50.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		1.00
TEST VOLTAGE (V)		η down (%)	100.0	CIBSE SHR MAX		1.00



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:10 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:

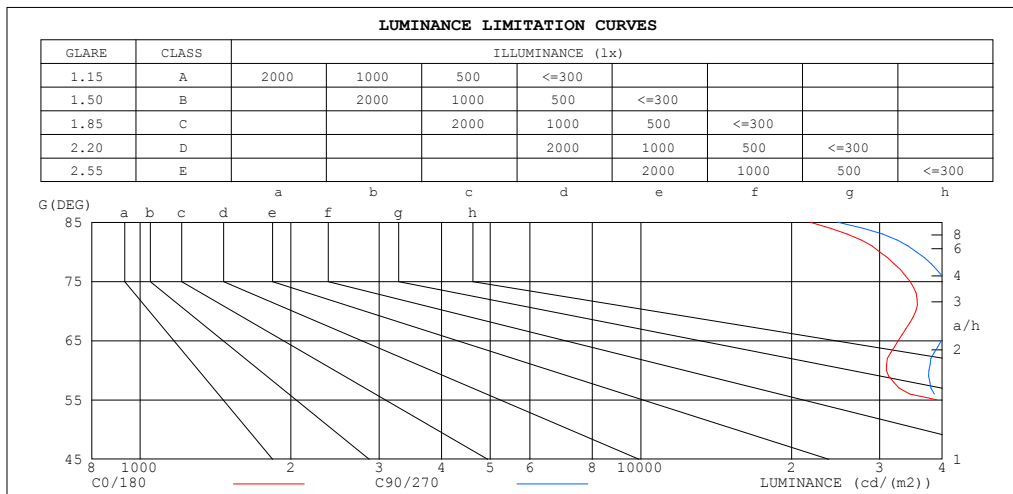
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	131.5	135.1	131.5	131.5	132.5	128.8	128.6	128.9	0- 10	12.75	12.75	8.54,8.54
20	113.7	116.9	111.1	111.6	114.7	110.8	112.6	111.8	10- 20	34.66	47.41	31.7,31.7
30	80.16	81.47	72.85	74.11	78.14	77.54	82.76	82.07	20- 30	44.38	91.79	61.4,61.4
40	37.84	36.30	30.78	31.46	35.38	36.46	40.79	39.19	30- 40	35.91	127.7	85.5,85.5
50	10.35	9.134	7.180	7.452	8.608	9.428	11.10	10.70	40- 50	14.35	142.1	95.1,95.1
60	2.082	2.181	2.449	2.374	2.340	2.386	1.979	1.956	50- 60	3.732	145.8	97.6,97.6
70	1.630	1.712	1.906	1.872	1.839	1.857	1.546	1.524	60- 70	1.963	147.7	98.9,98.9
80	0.7010	0.7308	0.8031	0.8230	0.7811	0.7945	0.6807	0.6561	70- 80	1.334	149.1	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	0.3319	149.4	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:10 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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	21762	24703
80	30013	35532
75	34494	40827
70	35442	42817
65	32670	39866
60	30955	37632
55	38972	41323
50	119707	85825
45	196989	142515

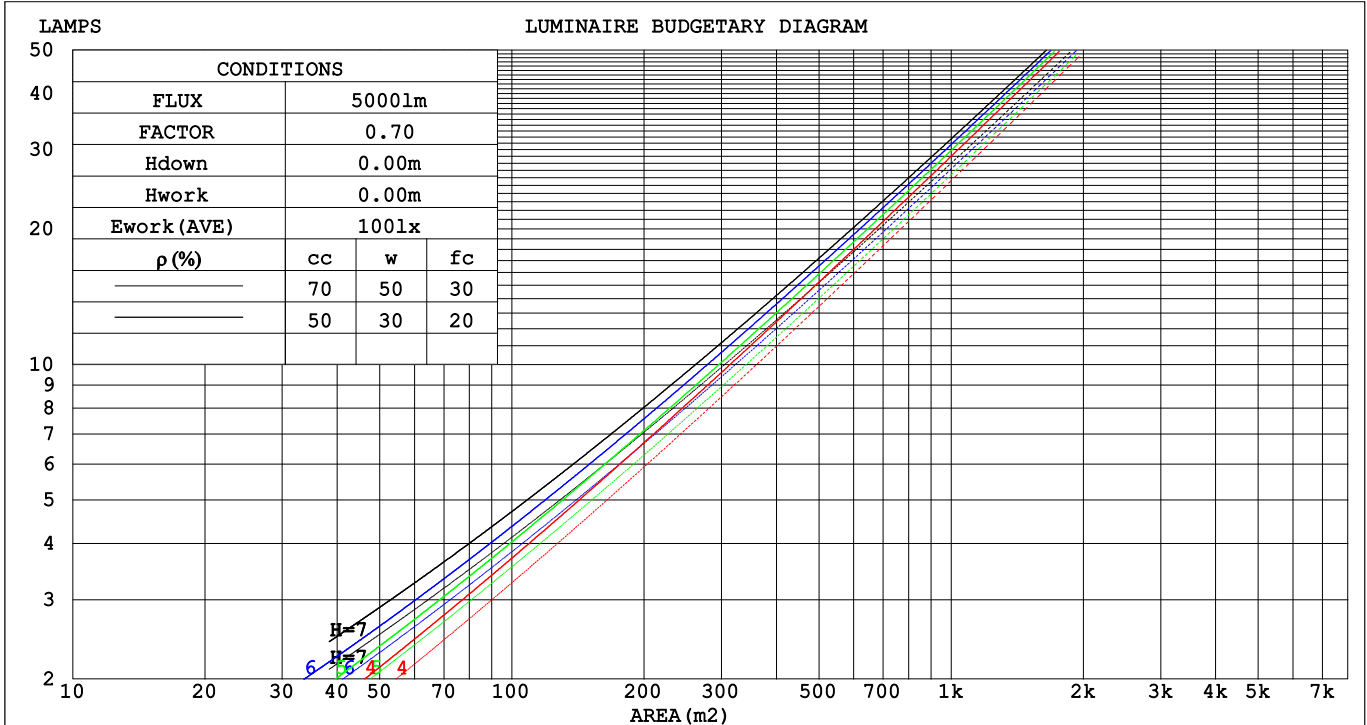
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jason
 Test Date:10 August 2020

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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	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:10 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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	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	.196	.112	.035	.189	.108	.034	.177	.101	.032	.165	.095	.031	.154	.089	.029	
2.0	.188	.103	.032	.182	.101	.031	.172	.095	.030	.162	.091	.028	.153	.086	.027	
3.0	.179	.095	.029	.174	.093	.028	.165	.089	.027	.156	.086	.026	.148	.082	.025	
4.0	.170	.088	.026	.166	.087	.026	.158	.084	.025	.150	.081	.024	.143	.078	.024	
5.0	.162	.082	.024	.158	.081	.024	.151	.079	.023	.144	.076	.023	.138	.074	.022	
6.0	.154	.077	.022	.151	.076	.022	.144	.074	.022	.139	.072	.021	.133	.070	.021	
7.0	.147	.073	.021	.144	.072	.020	.138	.070	.020	.133	.068	.020	.128	.067	.020	
8.0	.140	.068	.019	.137	.068	.019	.132	.066	.019	.128	.065	.019	.123	.063	.018	
9.0	.134	.065	.018	.131	.064	.018	.127	.063	.018	.123	.062	.018	.119	.060	.017	
10.0	.128	.061	.017	.126	.061	.017	.122	.060	.017	.118	.059	.017	.114	.058	.017	

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	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.136	.114	.096	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.076	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.137	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.129	.088	.057	.111	.076	.050	.076	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.122	.079	.048	.105	.068	.042	.072	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.116	.071	.040	.100	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.110	.065	.035	.095	.057	.030	.066	.040	.021	.038	.023	.013	.012	.008	.004	
9.0	.105	.060	.030	.090	.052	.026	.063	.037	.019	.037	.022	.011	.012	.007	.004	
10.0	.100	.056	.026	.087	.049	.023	.060	.034	.016	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:10 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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm											
NAME: SLDL624F-6030C-N 500mA					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		33.5	34.6	33.7	34.7	34.9	33.1	34.2	33.3	34.3	34.5
3H		33.5	34.5	33.8	34.7	34.9	33.2	34.1	33.4	34.3	34.6
4H		33.5	34.4	33.8	34.6	34.9	33.2	34.2	33.5	34.4	34.6
6H		33.5	34.4	33.8	34.6	34.9	33.3	34.1	33.6	34.4	34.6
8H		33.5	34.3	33.8	34.6	34.8	33.3	34.1	33.6	34.4	34.6
12H		33.5	34.3	33.8	34.5	34.8	33.3	34.1	33.6	34.3	34.6
4H 2H		33.3	34.2	33.6	34.4	34.7	32.9	33.8	33.2	34.1	34.3
3H		33.4	34.2	33.7	34.4	34.7	33.1	33.9	33.4	34.1	34.4
4H		33.5	34.2	33.8	34.5	34.8	33.2	33.9	33.6	34.2	34.6
6H		33.5	34.1	33.9	34.5	34.8	33.3	34.0	33.7	34.3	34.7
8H		33.5	34.1	33.9	34.5	34.8	33.4	34.0	33.8	34.3	34.7
12H		33.5	34.0	33.9	34.4	34.8	33.4	33.9	33.8	34.3	34.7
8H 4H		33.4	34.0	33.8	34.3	34.7	33.2	33.8	33.6	34.1	34.5
6H		33.5	34.0	34.0	34.4	34.8	33.4	33.8	33.8	34.2	34.7
8H		33.6	34.0	34.0	34.4	34.8	33.4	33.9	33.9	34.3	34.7
12H		33.6	33.9	34.0	34.4	34.8	33.5	33.8	33.9	34.3	34.7
12H 4H		33.4	33.9	33.8	34.3	34.7	33.2	33.7	33.6	34.1	34.5
6H		33.5	33.9	33.9	34.3	34.8	33.4	33.8	33.8	34.2	34.6
8H		33.5	33.9	34.0	34.3	34.8	33.4	33.8	33.9	34.2	34.7
Variations with the observer position at spacings:											
S = 1.0H		+ 2.5 / - 4.7					+ 2.1 / - 3.9				
1.5H		+ 4.1 / - 5.1					+ 3.7 / - 4.2				
2.0H		+ 4.5 / - 2.6					+ 3.3 / - 1.6				

CIE Pub.117, 149.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.6)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:10 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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

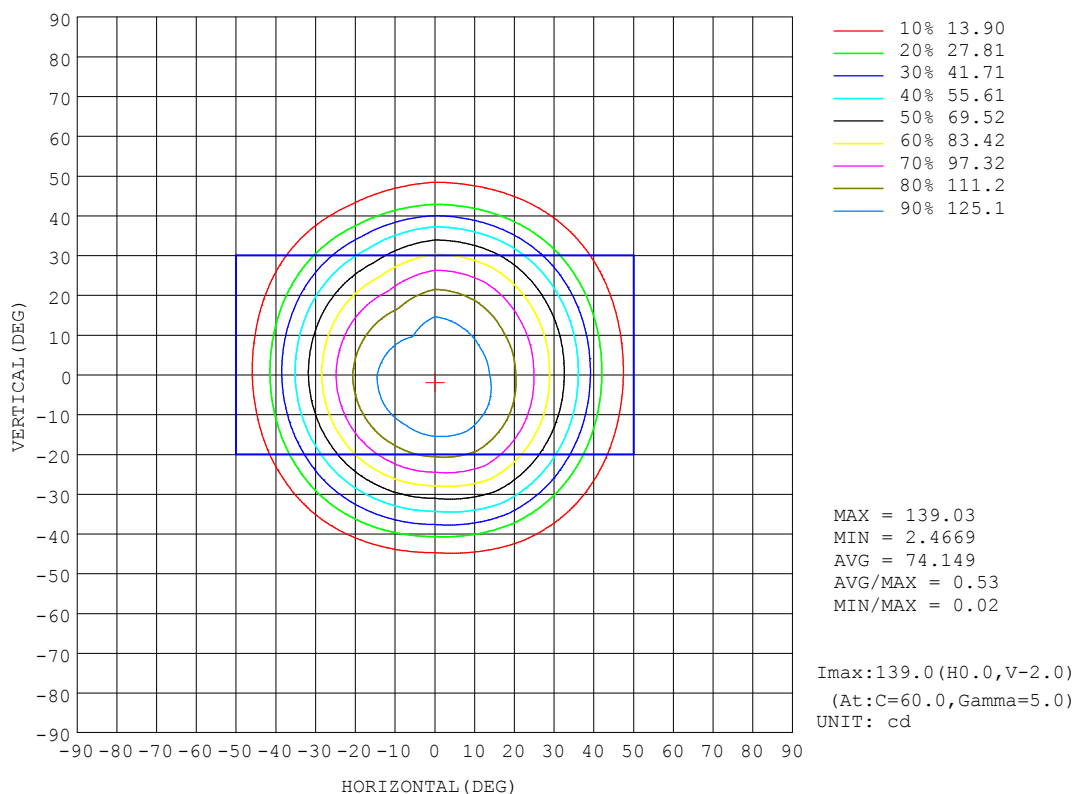
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	82	75	71	81	75	71	67
0.80	91	84	80	90	83	79	89	83	79	75
1.00	96	90	85	95	89	85	93	89	85	80
1.25	100	95	91	99	94	90	97	93	89	85
1.50	104	98	94	102	97	94	100	96	93	88
2.00	107	102	99	105	101	98	103	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	103	105	103	100	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	111	109	112	110	108	108	106	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:10 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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

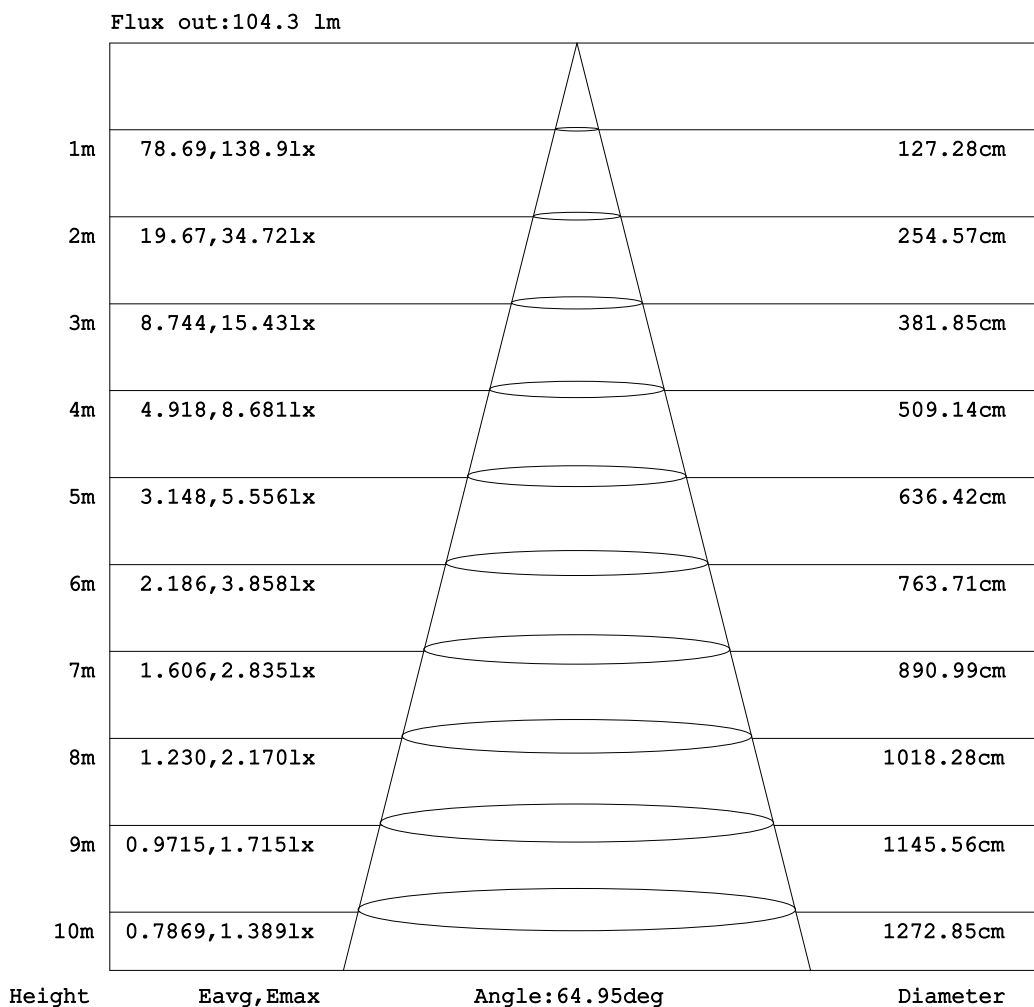


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jason
 Test Date:10 August 2020

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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:



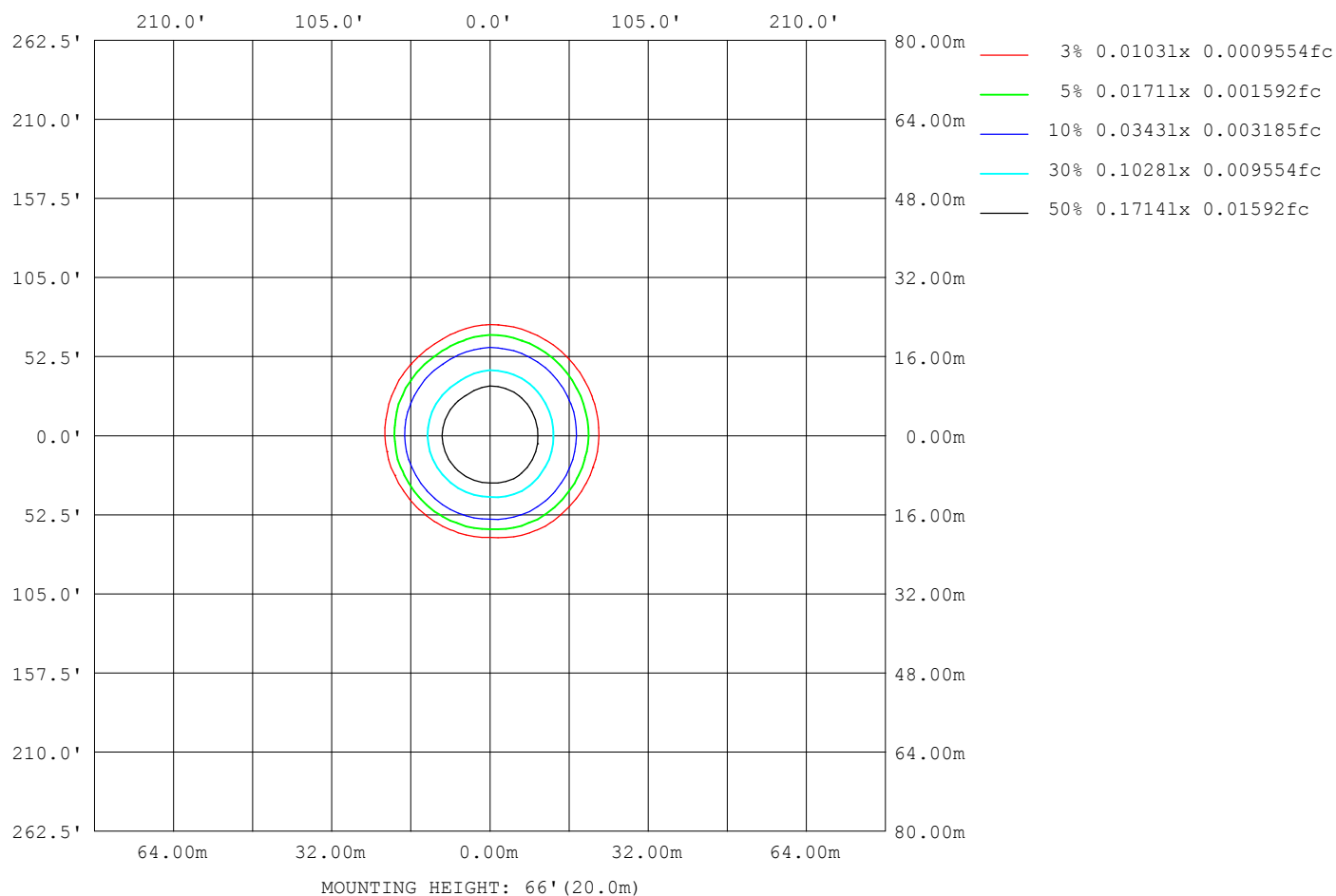
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 10 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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	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:10 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:2.9476V I:0.4999A P:1.4735W PF:1.0000 Freq:50.00Hz Lamp Flux:149.414x1 lm		
NAME: SLDL624F-6030C-N 500mA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Switch Lighting	SUR.:	Shielding Angle:

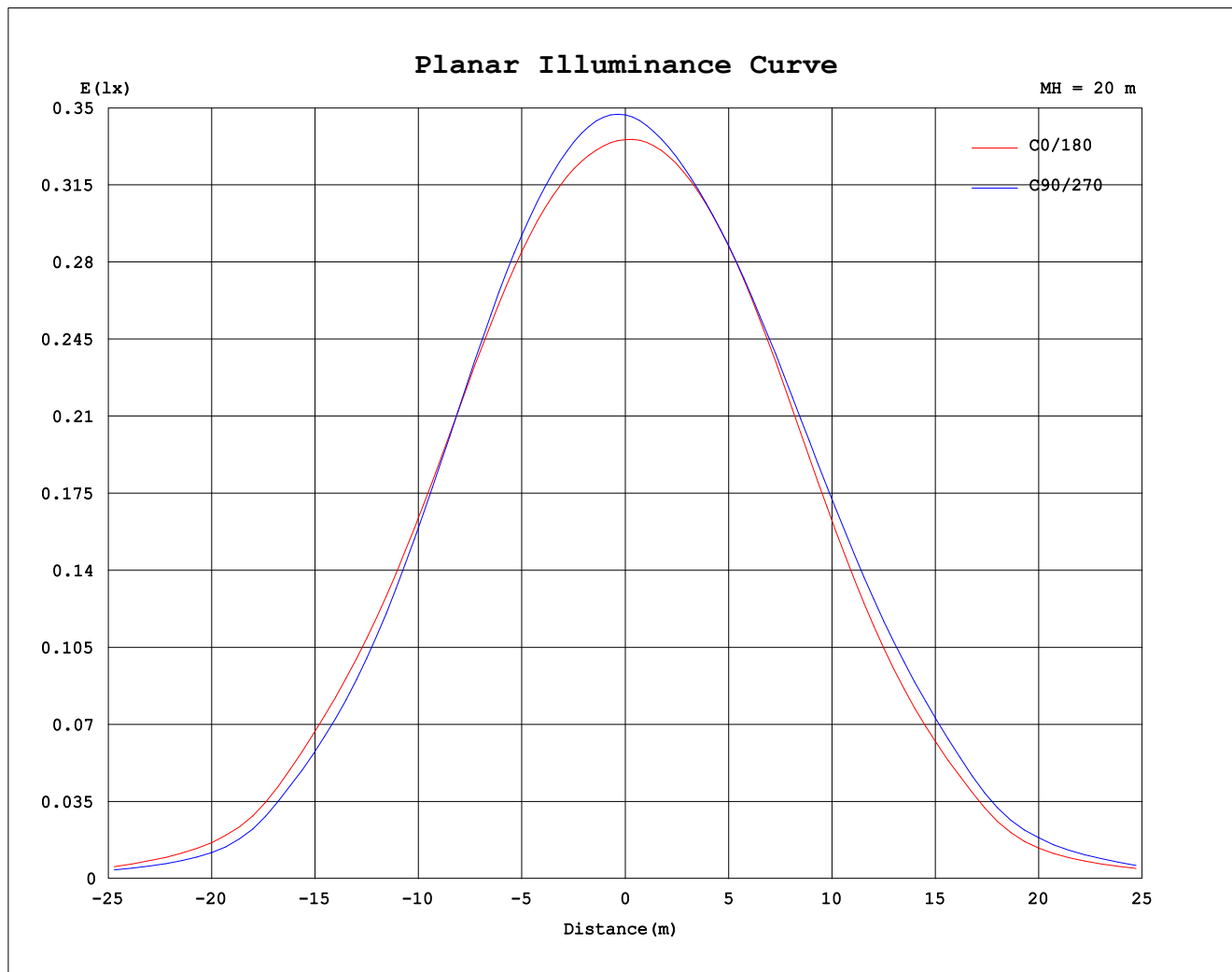
AvgL	cd/m2
L_0~180 (65) av	35229
L_0~180 (75) av	37106
L_0~180 (85) av	23467
L_90~270 (65) av	35218
L_90~270 (75) av	36739
L_90~270 (85) av	23412
L_45 (65) av	35513
L_45 (75) av	37242
L_45 (85) av	23946

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:10 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: 10 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:

```