

Light Output Ratio:	100.0%	
Luminaire Power:	64.54 W	
SHR Nominal:	1.25	Calculated using the TM5
SHR Maximum:	1.35	fine grid method.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: Gapeeva
Test Date: 2015-07-01

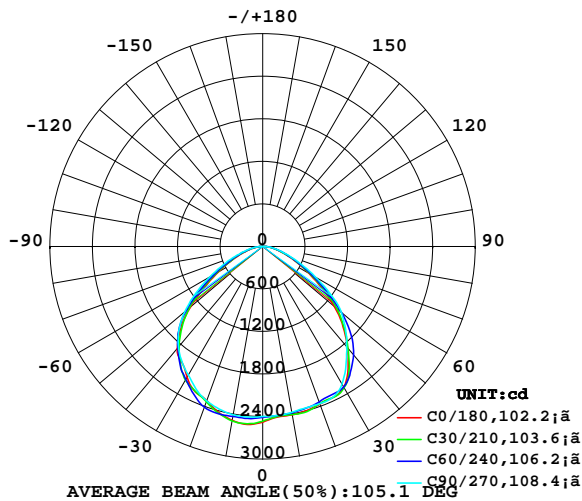
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

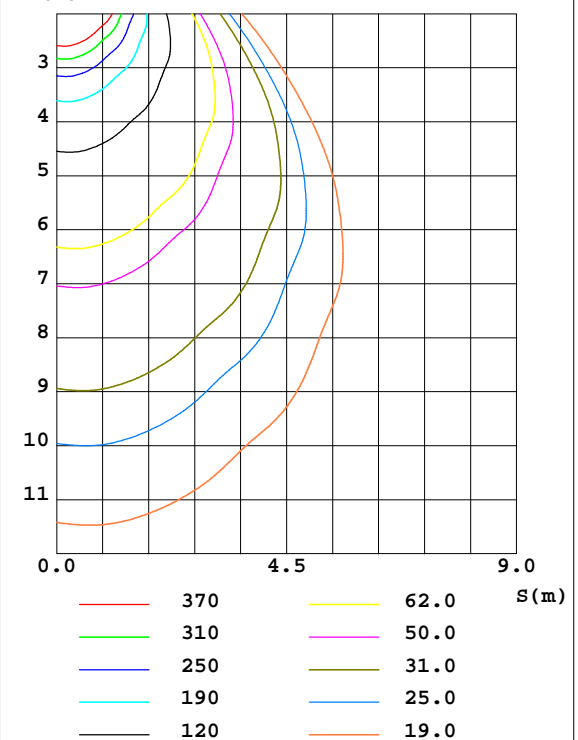
Test:U:220.1V I:0.294A P:64.54W PF:0.9874 Lamp Flux:6726.36x1 lm		
NAME: SVT-RTL L 65-1500	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: OOO Svetotronika	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.22 lm/W			
MODEL		Imax(cd)	2520	S/MH(C0/180)	1.27
NOMINAL POWER(W)	64.5	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	6726.4	η UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	6726.36	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	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: 10.0DEG
 Test Speed: HIGH
 Temperature: 23DEG
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 Test Date: 2015-07-01

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity: %
 Test Distance: 17.220m [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	2490	2484	2410	2432	2412	2400	2377	2410	0- 10	231.3	231.3	3.62,3.62
20	2310	2380	2316	2381	2367	2377	2361	2338	10- 20	679.7	910.9	14.2,14.2
30	2134	2164	2097	2225	2291	2317	2240	2131	20- 30	1059	1970	30.8,30.8
40	1880	1865	1850	1957	1864	1926	1844	1841	30- 40	1284	3254	50.9,50.9
50	1334	1387	1441	1443	1324	1381	1454	1363	40- 50	1281	4535	70.9,70.9
60	724.2	774.3	869.3	790.4	745.8	778.8	854.0	773.6	50- 60	966.1	5501	86,86
70	340.9	369.4	417.0	383.1	361.0	380.6	406.9	372.5	60- 70	557.5	6058	94.8,94.8
80	132.4	144.1	156.2	146.8	145.0	153.4	154.8	145.2	70- 80	262.8	6321	98.9,98.9
90	1.034	1.166	1.285	1.381	2.097	2.769	1.993	1.403	80- 90	72.52	6394	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: 10.0DEG
Test Speed: HIGH
Temperature:23DEG
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Test Date:2015-07-01

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity:%
Test Distance:17.220m [K=1.0000]
Remarks:

Uncorrected UGR Table

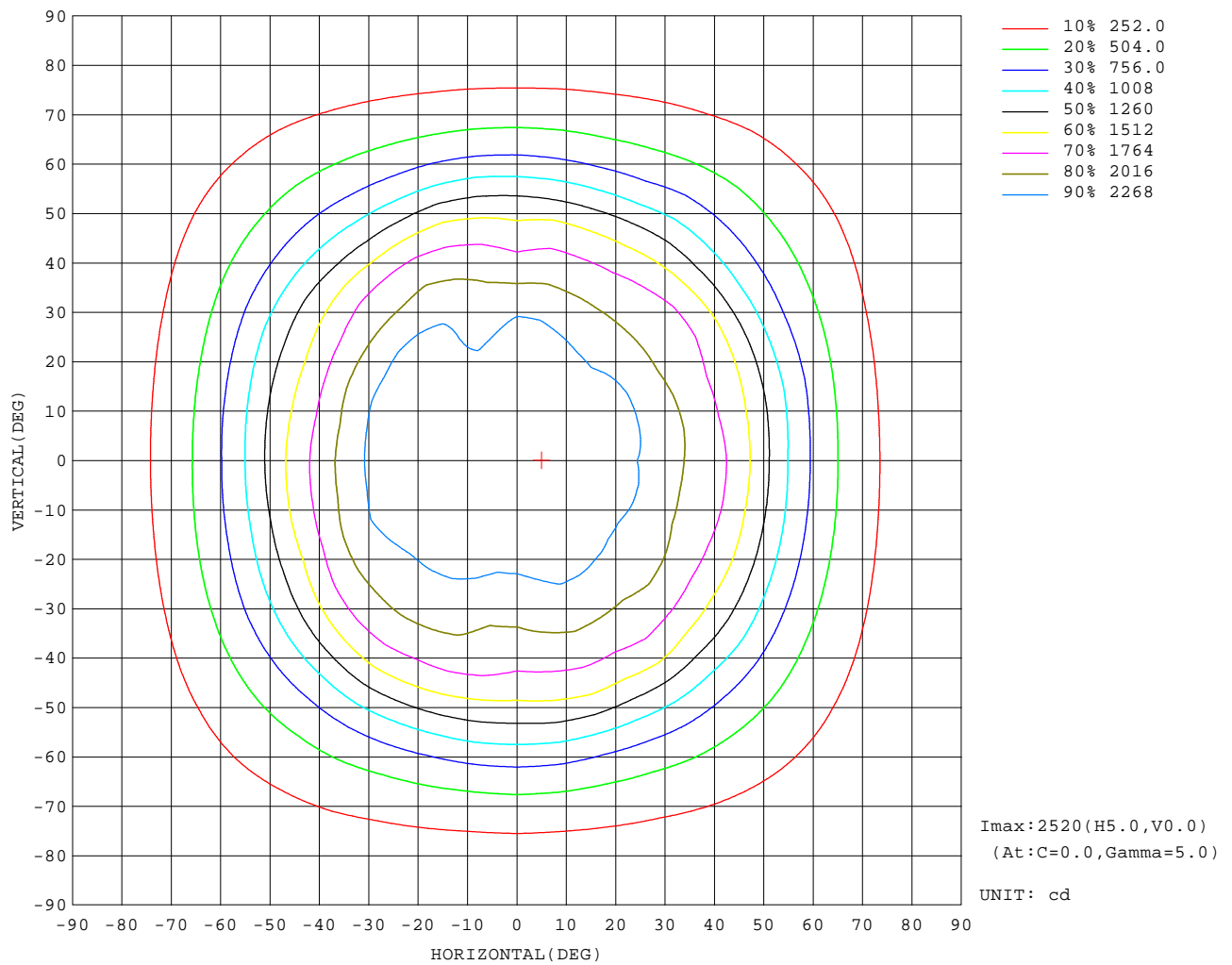
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	14.5	15.9	14.7	16.1	16.3	15.0	16.5	15.3	16.7	16.9
3H	15.1	16.5	15.4	16.7	16.9	15.8	17.2	16.1	17.4	17.6
4H	15.4	16.6	15.7	16.9	17.1	16.1	17.4	16.4	17.6	17.9
6H	15.5	16.7	15.9	17.0	17.2	16.3	17.5	16.6	17.7	18.0
8H	15.6	16.7	15.9	17.0	17.3	16.4	17.5	16.7	17.8	18.1
12H	15.6	16.7	15.9	17.0	17.3	16.4	17.5	16.7	17.8	18.1
4H 2H	14.8	16.1	15.1	16.3	16.6	15.3	16.5	15.6	16.8	17.0
3H	15.6	16.7	16.0	17.0	17.3	16.2	17.3	16.6	17.6	17.9
4H	16.0	17.0	16.4	17.3	17.6	16.6	17.6	17.0	17.9	18.3
6H	16.2	17.1	16.6	17.5	17.8	16.9	17.8	17.3	18.2	18.5
8H	16.3	17.2	16.8	17.5	17.9	17.0	17.9	17.5	18.2	18.6
12H	16.4	17.1	16.8	17.5	17.9	17.1	17.9	17.5	18.2	18.7
8H 4H	16.1	16.9	16.5	17.3	17.7	16.7	17.5	17.1	17.9	18.3
6H	16.5	17.2	16.9	17.6	18.0	17.1	17.8	17.6	18.2	18.6
8H	16.7	17.2	17.1	17.7	18.1	17.3	17.9	17.8	18.3	18.8
12H	16.8	17.3	17.2	17.7	18.2	17.5	18.0	17.9	18.4	18.9
12H 4H	16.1	16.8	16.5	17.2	17.6	16.7	17.4	17.1	17.8	18.2
6H	16.5	17.1	17.0	17.5	18.0	17.1	17.7	17.6	18.2	18.6
8H	16.7	17.2	17.2	17.7	18.1	17.4	17.9	17.8	18.3	18.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.5				
2.0H	+ 0.7 / - 0.8					+ 0.8 / - 0.8				

CIE Pub.117 Corrected 6726 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.4)

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 Test Date: 2015-07-01

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
 Humidity: %
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 Remarks:

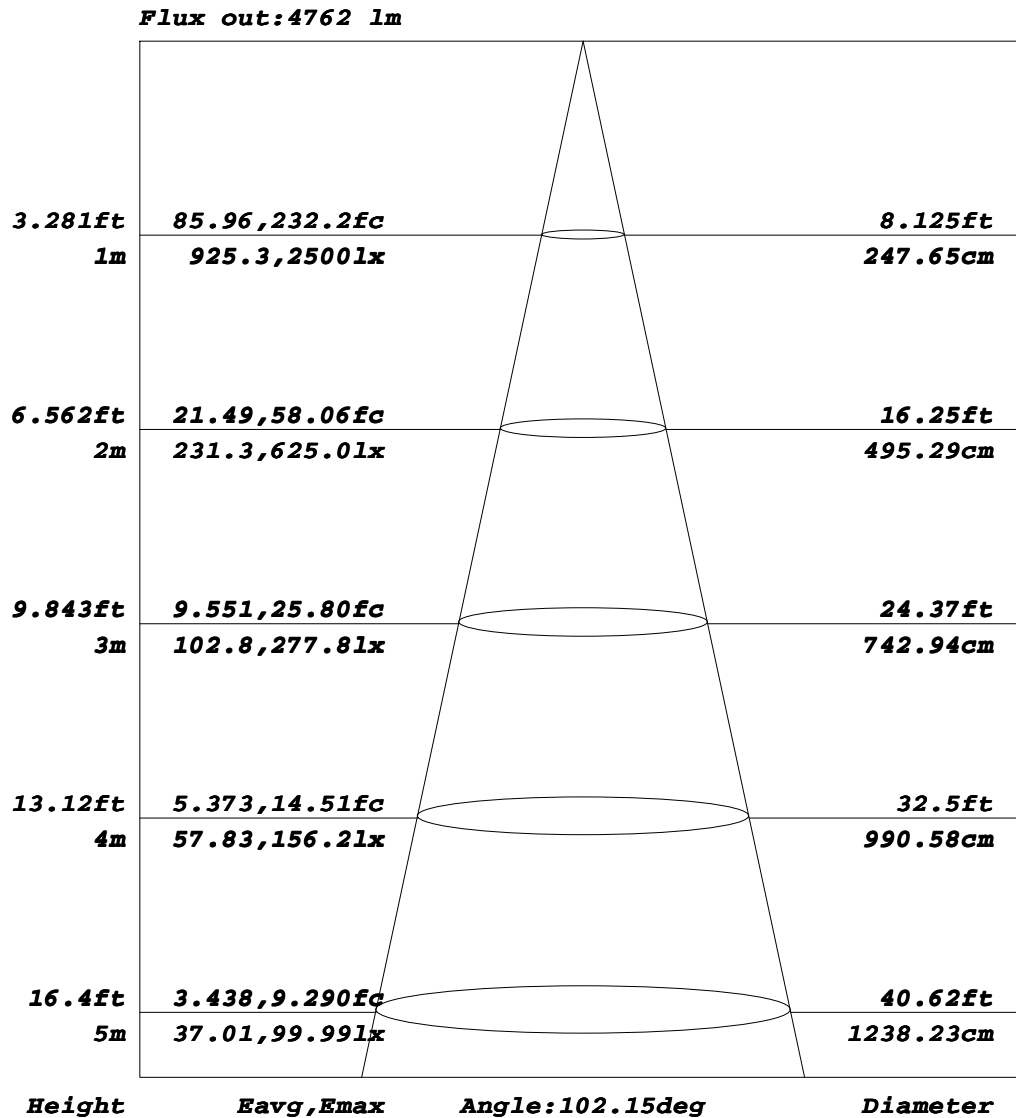
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: Gapeeva
Test Date: 2015-07-01

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

AAI Figure

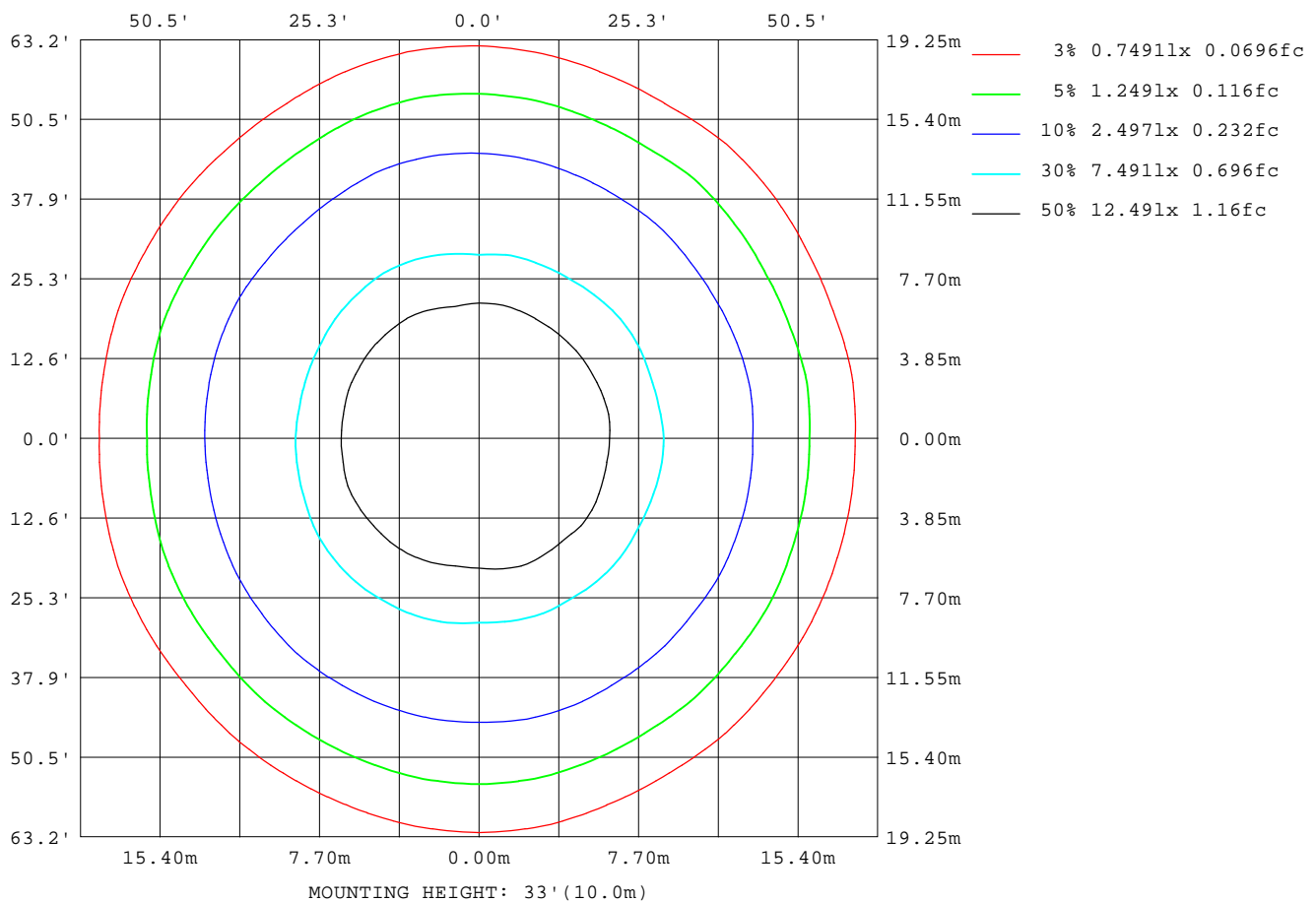


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: Gapeeva
Test Date: 2015-07-01

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: Gapeeva
Test Date: 2015-07-01

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: Gapeeva
Test Date: 2015-07-01

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity:%
Test Distance:17.220m [K=1.0000]
Remarks:

```


LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: Gapeeva
Test Date: 2015-07-01

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity:%
Test Distance:17.220m [K=1.0000]
Remarks:

```