



Light Output Ratio:	100.0%	
Luminaire Power:	49.6 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: 24DEG
Operators: Gapeeva
Test Date: 2015-04-07

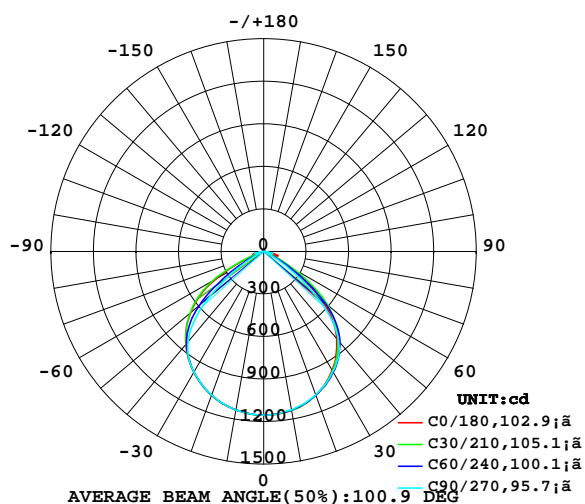
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.263
Humidity: %
Test Distance: 17.220m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

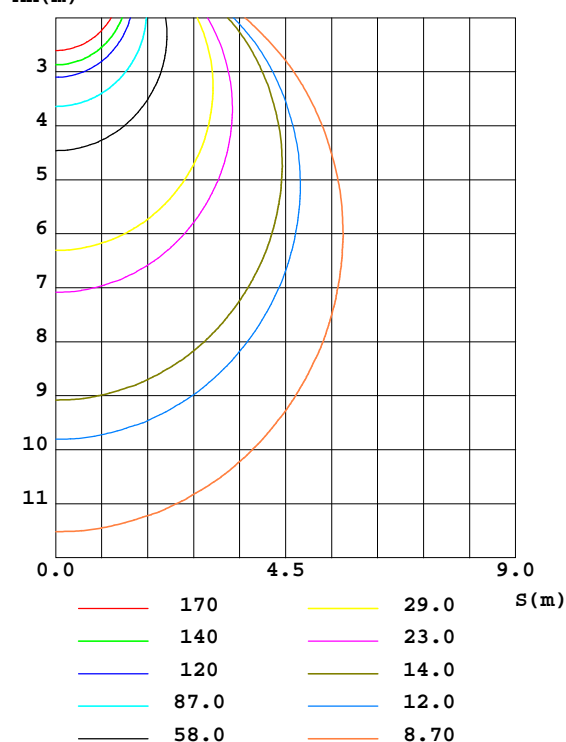
Test:U:220V I:0.225A P:49.6W PF:0.9686 Lamp Flux:5629.6x1 lm		
NAME: SVT-Str U-L-50-250	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: SSS	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.5 lm/W			
MODEL		Imax(cd)	2540	S/MH(C0/180)	1.27
NOMINAL POWER(W)	49.6	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	5629.6	η UP,DN(C0-180)	0.0,50.5
NOMINAL FLUX(lm)	5629.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.5
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:24DEG
 Operators:Gapeeva
 Test Date:2015-04-07

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	1137	1136	1136	1136	1137	1137	1134	1133	0- 10	109.2	109.2	4.28,4.28
20	1079	1078	1077	1078	1077	1079	1075	1075	10- 20	313.6	422.8	16.6,16.6
30	984.8	983.4	983.1	977.8	968.1	976.3	978.0	979.2	20- 30	475.9	898.7	35.2,35.2
40	855.9	850.2	830.4	830.5	800.8	828.5	822.3	846.0	30- 40	571.3	1470	57.6,57.6
50	673.3	657.5	500.3	613.7	531.8	606.7	470.3	653.3	40- 50	556.8	2027	79.5,79.5
60	393.0	319.9	127.9	239.4	169.1	225.0	102.8	304.7	50- 60	365.0	2392	93.8,93.8
70	65.54	36.84	45.70	24.17	94.30	21.07	48.09	28.02	60- 70	110.2	2502	98.1,98.1
80	30.67	21.74	39.13	26.24	29.20	25.26	34.37	23.50	70- 80	41.82	2544	99.8,99.8
90	0.1034	0.0369	0	0.0443	0.2805	0.1624	0.0886	0.1403	80- 90	6.290	2550	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:24DEG
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Test Date:2015-04-07

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

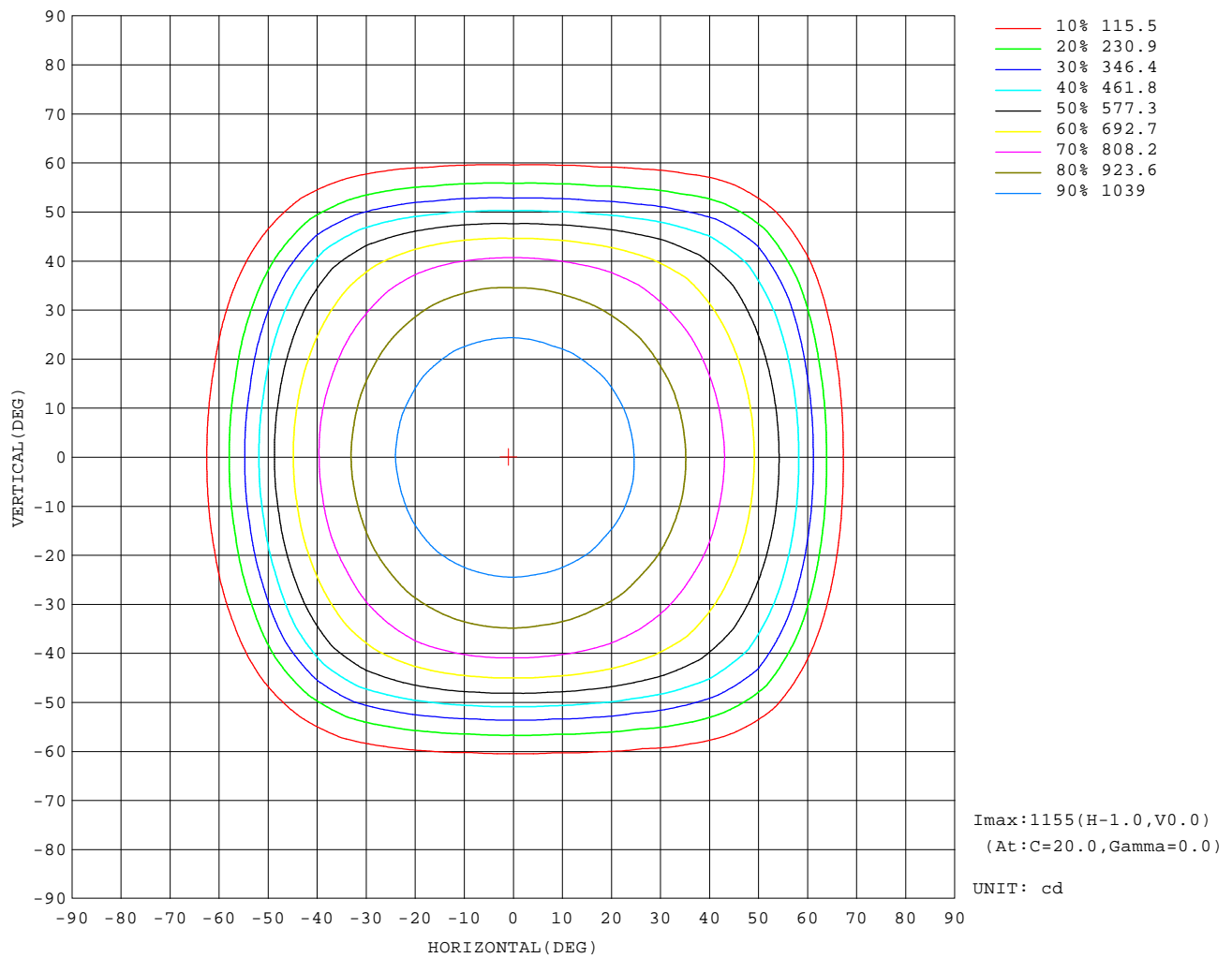
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	13.0	14.4	13.3	14.6	14.8	10.5	11.9	10.8	12.1	12.3
3H	13.1	14.3	13.4	14.6	14.8	10.4	11.6	10.7	11.9	12.1
4H	13.2	14.3	13.5	14.5	14.8	10.5	11.7	10.8	11.9	12.1
6H	13.2	14.3	13.5	14.5	14.8	10.7	11.8	11.1	12.1	12.3
8H	13.1	14.2	13.5	14.5	14.7	10.7	11.8	11.1	12.0	12.3
12H	13.1	14.1	13.4	14.4	14.7	10.7	11.7	11.0	12.0	12.3
4H 2H	13.1	14.2	13.4	14.4	14.7	10.9	12.1	11.2	12.3	12.5
3H	13.2	14.2	13.5	14.4	14.7	10.8	11.8	11.1	12.1	12.4
4H	13.2	14.1	13.6	14.4	14.8	10.9	11.8	11.3	12.1	12.4
6H	13.3	14.1	13.7	14.4	14.8	11.2	12.0	11.6	12.3	12.7
8H	13.2	14.0	13.7	14.3	14.7	11.2	12.0	11.6	12.3	12.7
12H	13.2	13.9	13.6	14.2	14.6	11.2	11.9	11.6	12.2	12.6
8H 4H	13.1	13.8	13.5	14.2	14.6	10.8	11.5	11.2	11.9	12.3
6H	13.2	13.8	13.6	14.2	14.6	11.1	11.7	11.6	12.1	12.5
8H	13.1	13.7	13.6	14.1	14.5	11.2	11.7	11.6	12.1	12.5
12H	13.1	13.6	13.6	14.0	14.5	11.1	11.6	11.6	12.0	12.5
12H 4H	13.1	13.7	13.5	14.1	14.5	10.8	11.4	11.2	11.8	12.2
6H	13.1	13.7	13.6	14.1	14.5	11.1	11.6	11.6	12.1	12.5
8H	13.1	13.6	13.6	14.0	14.5	11.1	11.6	11.6	12.0	12.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 1.1 / - 1.6				
1.5H	+ 0.9 / - 1.3					+ 0.6 / - 0.7				
2.0H	+ 1.0 / - 1.2					+ 2.2 / - 4.6				

CIE Pub.117 Corrected 2550 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 24DEG
 Operators: Gapeeva
 Test Date: 2015-04-07

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:

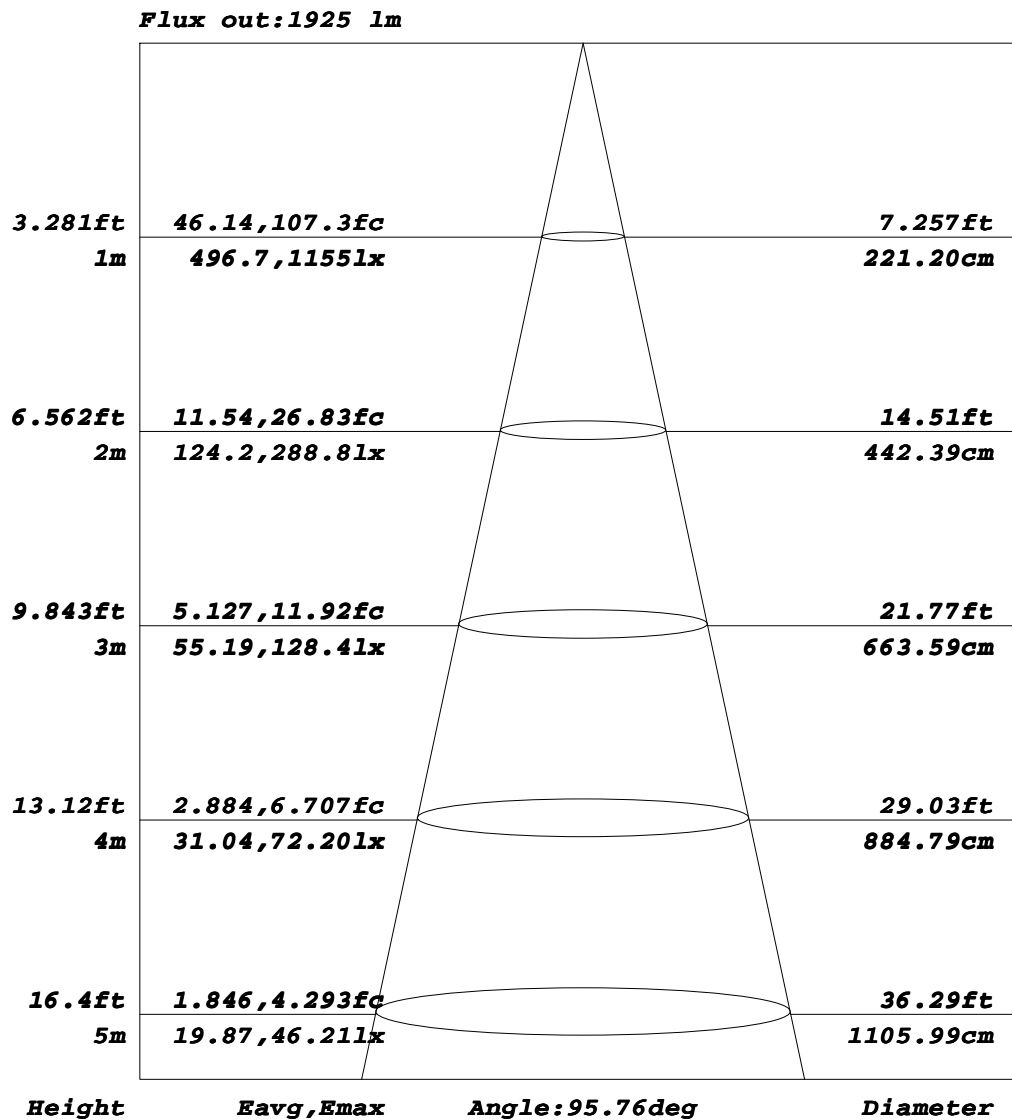
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-07

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

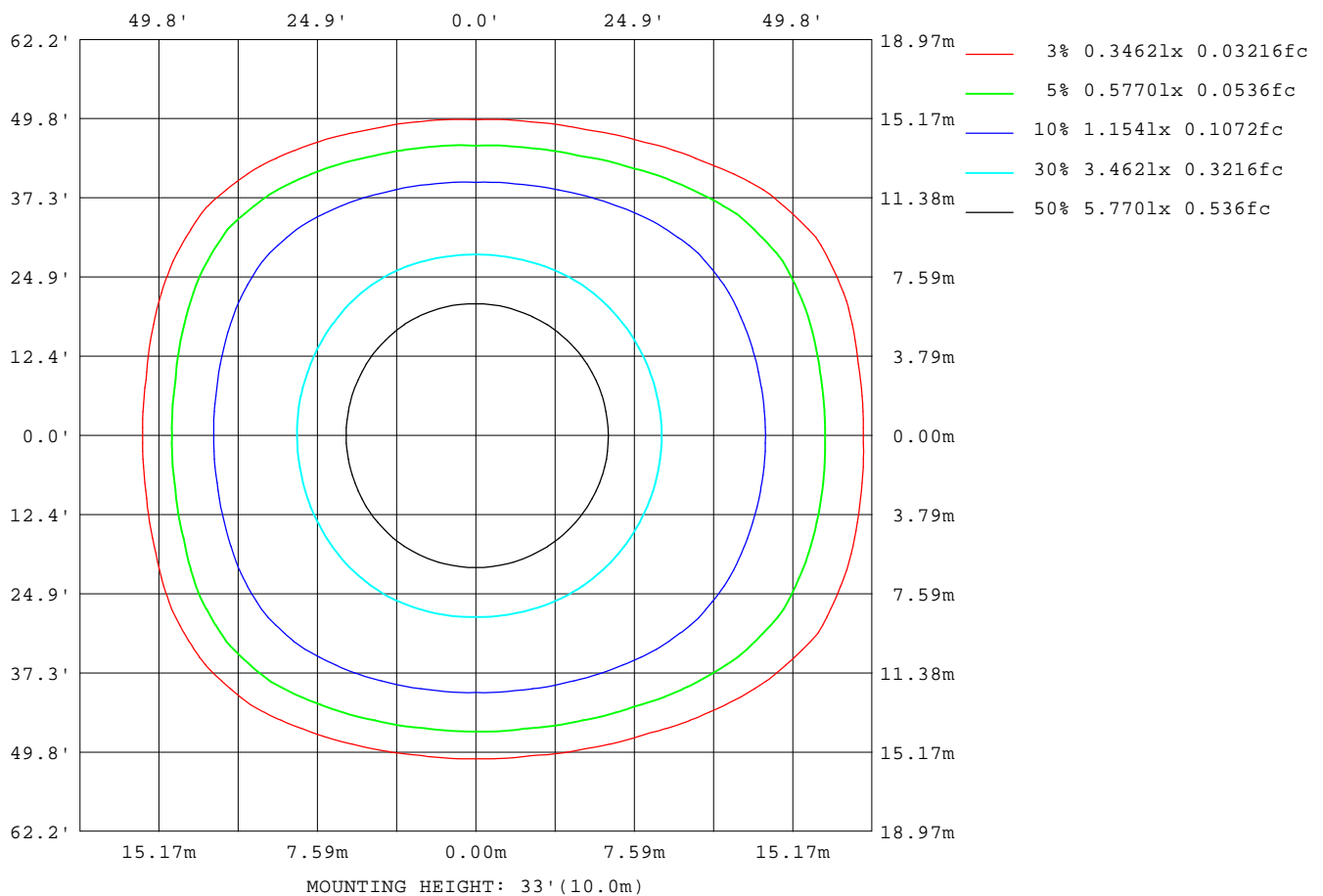


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-07

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: 24DEG
Operators: Gapeeva
Test Date: 2015-04-07

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: 24DEG
Operators: Gapeeva
Test Date: 2015-04-07

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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:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Gapeeva
Test Date: 2015-04-07

```

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:

```