



LUMA OPTO(China)CO.LTD  
www.luma-group.com

Address: No.555, Suide Road, Puruo District, Shanghai, China

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## LUMA LFL0100

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LumCAT: LFL0100	Luminaire: Industrial Linear Lighting
Report No: SENSING20100322s001	Voltage(V): 0.000
Test No:	Current(A): 0.000
LampCAT: : LUMILEDS	Power (W): 50.810
Lamp flux(lm): -1.0	PF: 0.000
Number of Lamps: 1	Ballast type:
Length(feet)(ft.): 0.000	Width(feet)(ft.): 0.000
Phm Type: C	Height(feet)(ft.): 0.000

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## Photometric Results

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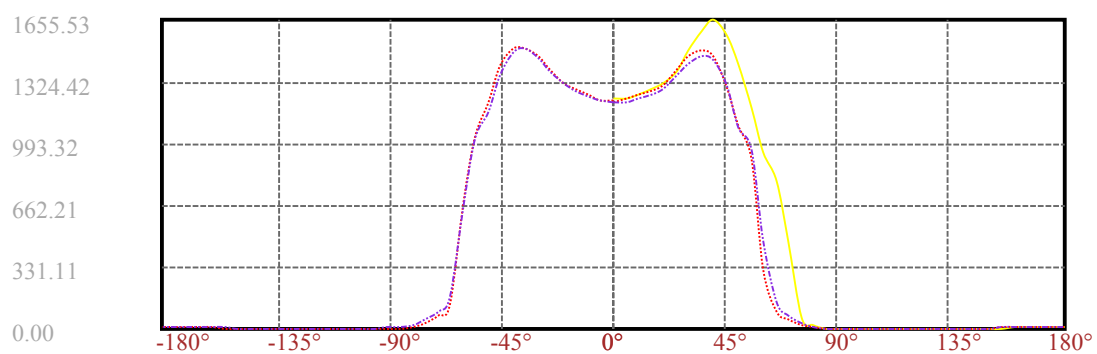
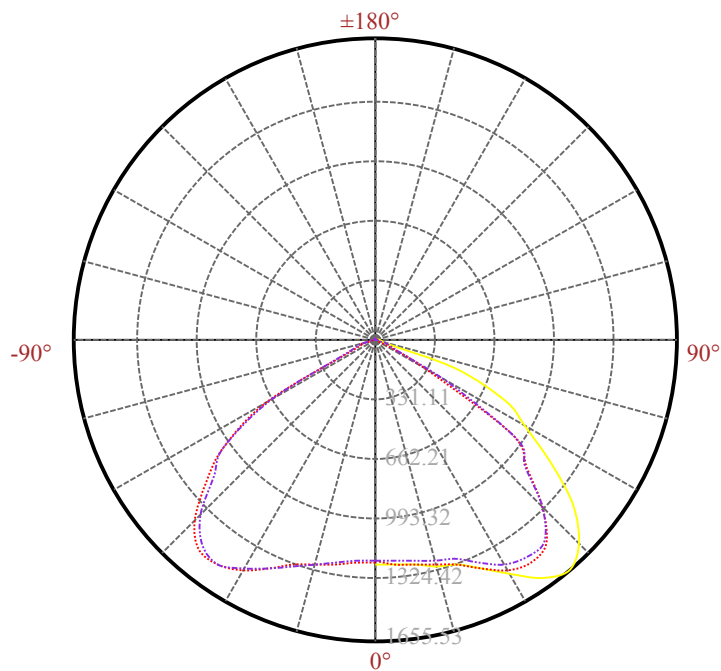
Lumens(lm): 4668.69  
Efficiency(%): 0.00%  
Lumens(lm)/Power(W): 91.89  
Central intensity(cd): 1217.033  
Maximum intensity(cd): 1655.528  
Angle of maximum intensity: C=135.0  $\gamma$ =40.0  
Beam Angle(50%Imax): [C0\_\_180]Left=87.7 Right=25.6  
[C90\_\_270]Left=26.6 Right=78.2  
Field angle(10%Imax): [C0\_\_180]Left=101.5 Right=40.7  
[C90\_\_270]Left=39.8 Right=91.8  
Maximum s/h: C0\_180=0.93 C90\_270=0.87  
Up flux rate of lamp(%): 0.00%  
Down flux rate of lamp(%): 0.00%  
Up flux rate of LUM(%): 0.26%  
Down flux rate of LUM(%): 99.74%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 87.861%

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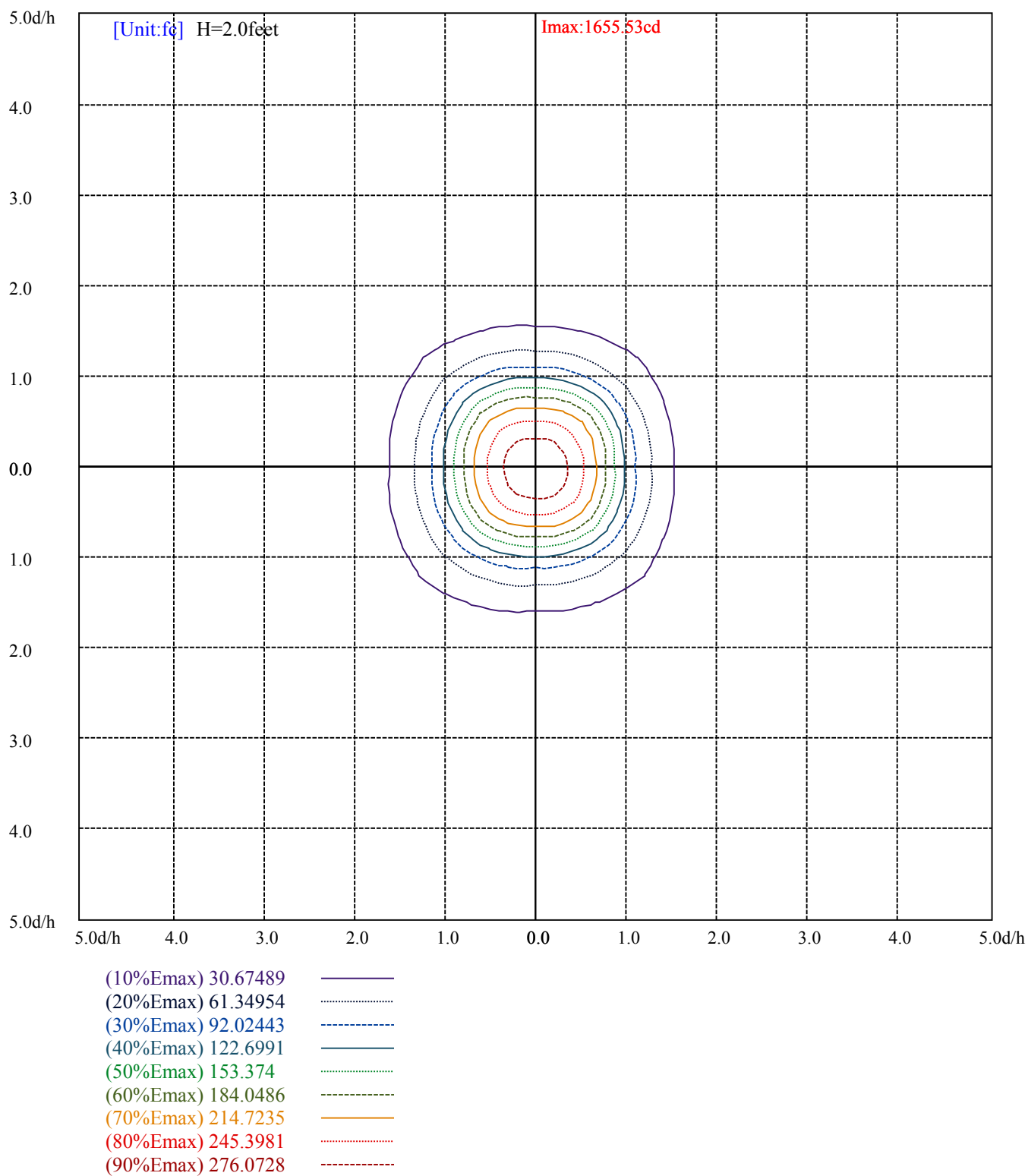
Equipment: GMS2200  
Temperature(°C): 25

Date: 2015-6-8  
Humidity(%): 60%

Operator:  
Distance(feet): 13.72



C135(Max): —————  
C0/C180: .....  
C90/C270: - - - - -

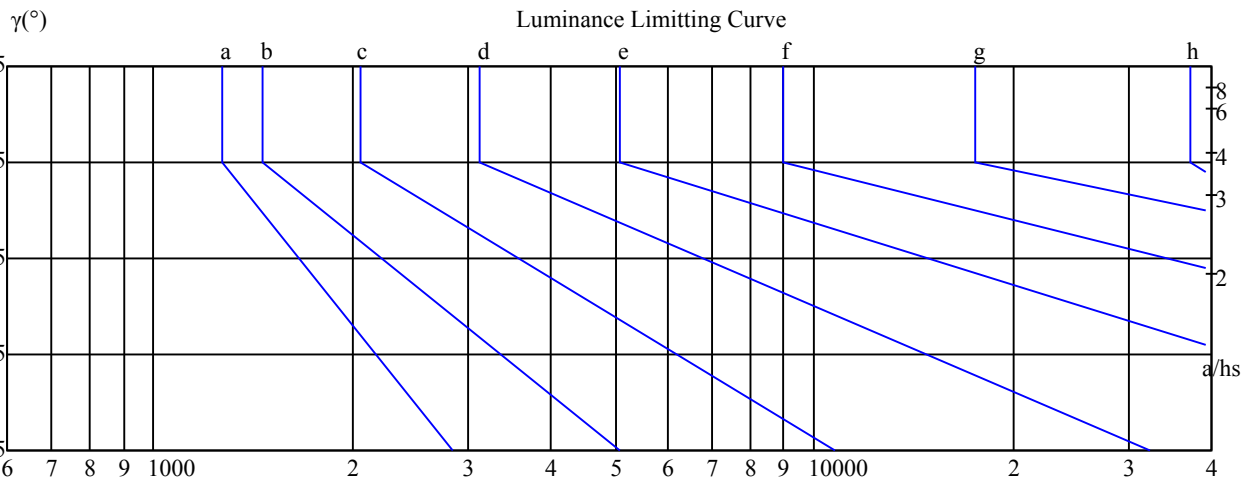


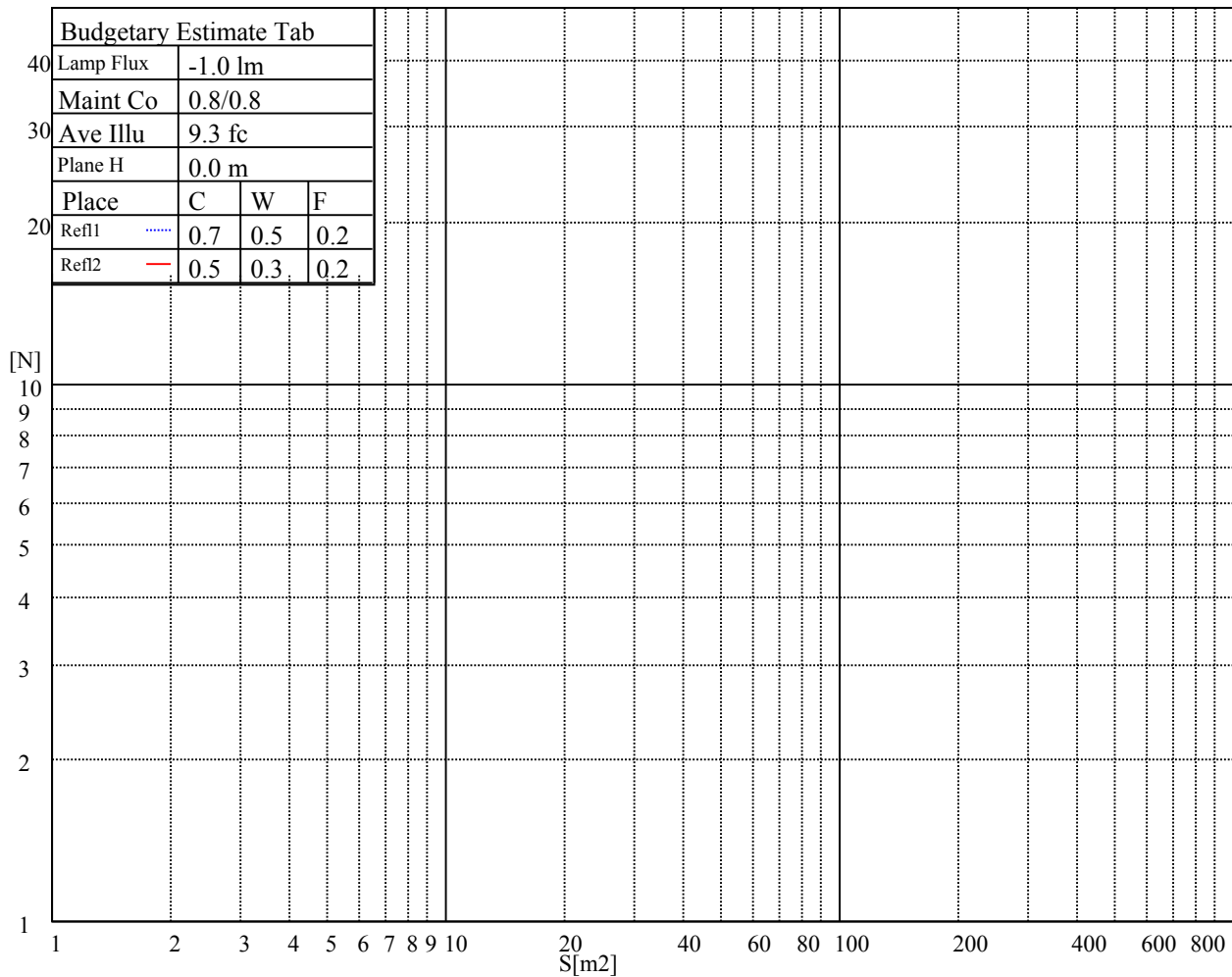
Luminance Table

$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h





RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## LUMA LFL0100

Intensity data(cd)									Page: 7 Total:7	
C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	
0.0	1217.03	1234.52	1253.95	1278.57	1310.30	1383.49	1460.57	1494.25	1457.98	
45.0	1220.92	1233.23	1253.30	1283.75	1307.06	1361.47	1474.17	1581.69	1611.48	
90.0	1213.15	1217.03	1235.17	1255.90	1283.75	1353.05	1421.71	1457.98	1444.38	
135.0	1237.11	1233.87	1257.19	1284.39	1317.43	1380.25	1487.13	1592.70	1655.53	
180.0	1223.51	1228.69	1250.07	1281.80	1317.43	1384.14	1456.68	1502.02	1501.38	
225.0	1220.92	1230.64	1250.71	1282.45	1332.97	1398.39	1489.72	1589.46	1644.52	
270.0	1213.15	1219.62	1244.88	1279.86	1319.37	1382.85	1452.15	1500.08	1476.76	
315.0	1237.11	1248.12	1273.38	1308.36	1347.87	1408.11	1505.91	1605.66	1636.10	
360.0	1217.03	1234.52	1253.95	1278.57	1310.30	1383.49	1460.57	1494.25	1457.98	
C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	
0.0	1292.88	1094.16	909.31	318.80	90.94	49.87	21.57	7.77	1.56	
45.0	1496.84	1267.55	1016.25	827.12	702.11	172.87	36.01	9.26	1.56	
90.0	1303.83	1078.43	956.01	478.01	138.87	69.63	28.76	11.79	2.59	
135.0	1574.57	1416.53	1186.59	944.35	789.55	476.06	63.02	18.91	4.08	
180.0	1405.52	1217.68	1023.37	682.03	129.35	73.00	33.81	15.16	4.66	
225.0	1582.99	1430.78	1234.65	1019.16	857.17	582.09	86.66	27.59	7.13	
270.0	1358.23	1162.56	1021.69	660.33	177.47	96.18	46.89	20.01	9.65	
315.0	1543.48	1359.53	1117.68	910.09	757.55	281.10	47.61	14.51	3.63	
360.0	1292.88	1094.16	909.31	318.80	90.94	49.87	21.57	7.77	1.56	
C/γ(°)	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	
0.0	0.13	0.26	0.39	0.65	0.84	1.10	1.10	1.81	1.56	
45.0	0.19	0.19	0.19	0.26	0.32	0.32	0.91	0.71	1.30	
90.0	4.60	0.07	0.19	0.07	0.19	0.13	0.32	0.45	1.10	
135.0	0.07	0.00	0.00	0.00	0.19	0.07	0.65	0.45	1.17	
180.0	0.07	0.00	0.00	0.00	0.07	0.13	0.45	0.58	0.97	
225.0	1.88	1.04	0.71	0.84	1.04	1.17	1.30	1.88	1.56	
270.0	6.93	4.02	1.68	1.23	1.10	1.17	1.17	1.56	1.75	
315.0	0.65	0.71	0.78	0.91	1.10	1.43	1.36	1.81	1.62	
360.0	0.13	0.26	0.39	0.65	0.84	1.10	1.10	1.81	1.56	
C/γ(°)	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	
0.0	1.94	2.33	3.17	4.21	5.51	6.93	8.10	8.49	9.26	
45.0	1.62	2.27	2.98	4.08	5.25	6.54	7.64	9.00	9.72	
90.0	1.56	2.20	2.98	4.15	5.38	6.87	8.10	9.00	9.26	
135.0	1.43	2.01	2.66	3.69	5.05	6.22	7.32	8.16	8.81	
180.0	1.36	2.01	2.72	3.69	4.92	6.15	7.06	7.64	8.81	
225.0	1.81	2.20	2.98	4.02	5.31	6.80	7.97	8.61	9.20	
270.0	1.94	2.27	3.04	4.08	5.44	7.00	8.36	9.13	9.46	
315.0	1.81	2.14	2.98	3.89	5.31	6.67	8.16	9.20	9.65	
360.0	1.94	2.33	3.17	4.21	5.51	6.93	8.10	8.49	9.26	
C/γ(°)	180.0									
0.0	10.04									
45.0	9.59									
90.0	9.39									
135.0	9.52									
180.0	10.04									
225.0	9.59									
270.0	9.39									
315.0	9.52									
360.0	10.04									