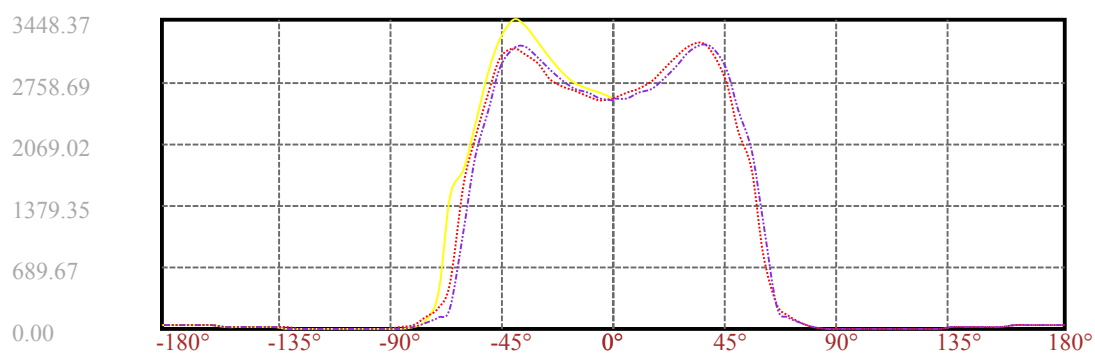
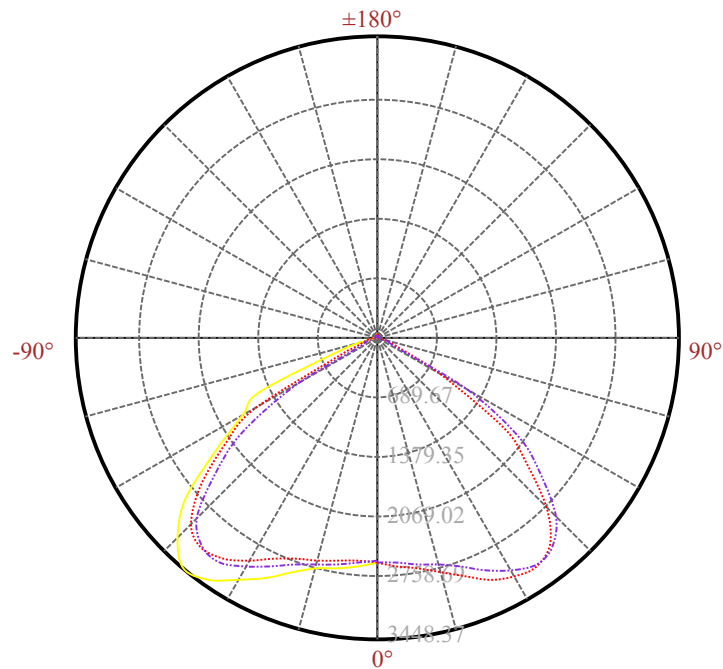

LUMA

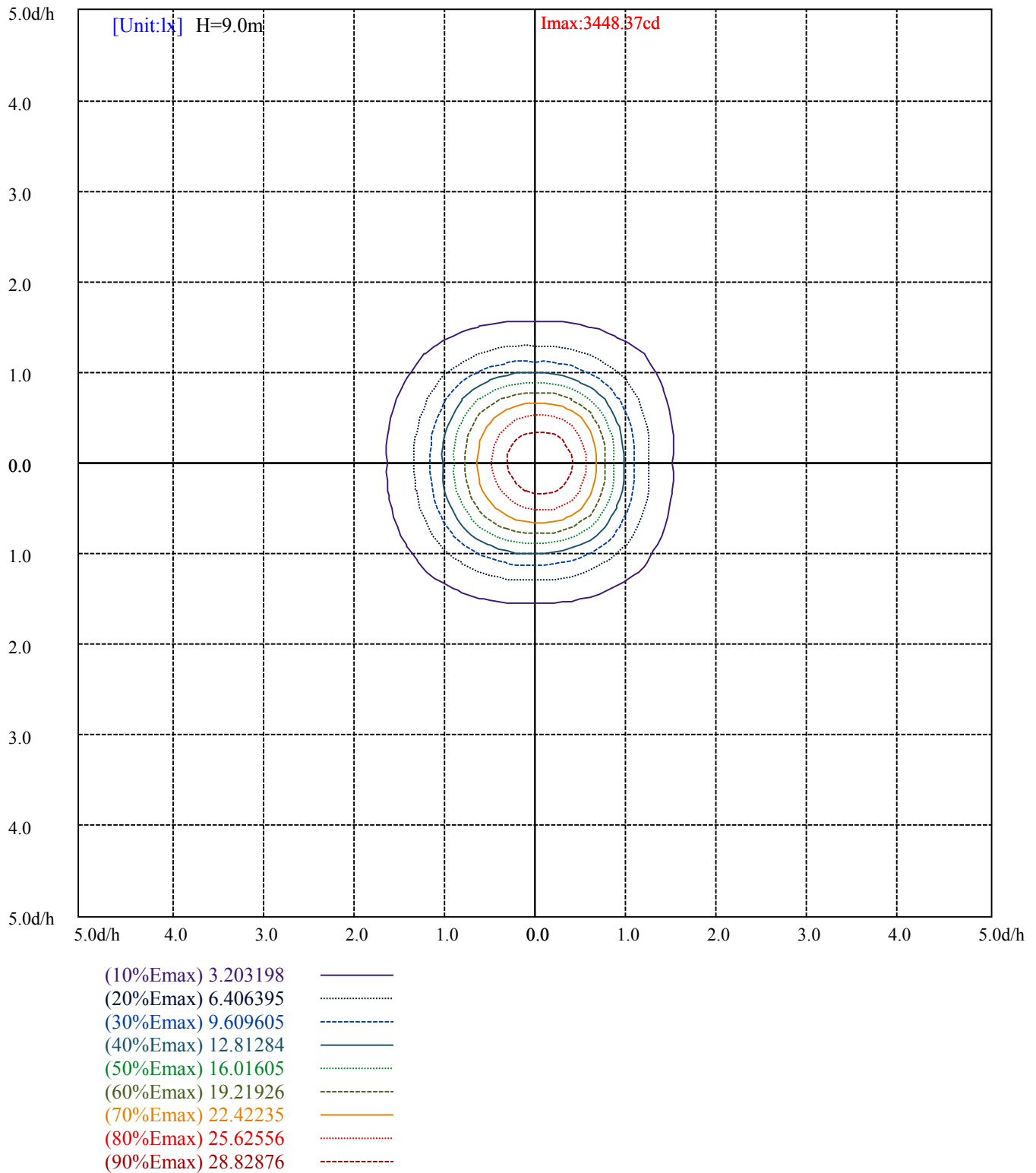
LumCAT: LFL0200 (4-FIT)	Luminaire: Industrial Linear Lighting
Report No:	Voltage(V):
Test No:	Current(A):
LampCAT: : PHILIPS LED	Power (W): 101.470
Lamp flux(lm): -1.0	PF:
Number of Lamps: 1	Ballast type:
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

Photometric Results

Lumens(lm): 9866.25
Efficiency(%): 0.00%
Lumens(lm)/Power(W): 97.23
Central intensity(cd): 2571.379
Maximum intensity(cd): 3448.368
Angle of maximum intensity: C=315.0 γ =40.0
Beam Angle(50%lmax): [C0__180]Left=24.4 Right=86.0
[C90__270]Left=82.3 Right=23.6
Field angle(10%lmax): [C0__180]Left=37.2 Right=97.3
[C90__270]Left=95.9 Right=37.5
Maximum s/h: C0_180=0.93 C90_270=0.89
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 0.00%
Up flux rate of LUM(%): 0.72%
Down flux rate of LUM(%): 99.28%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 87.452%



C315(Max): —————
C0/C180:
C90/C270: - - - - -

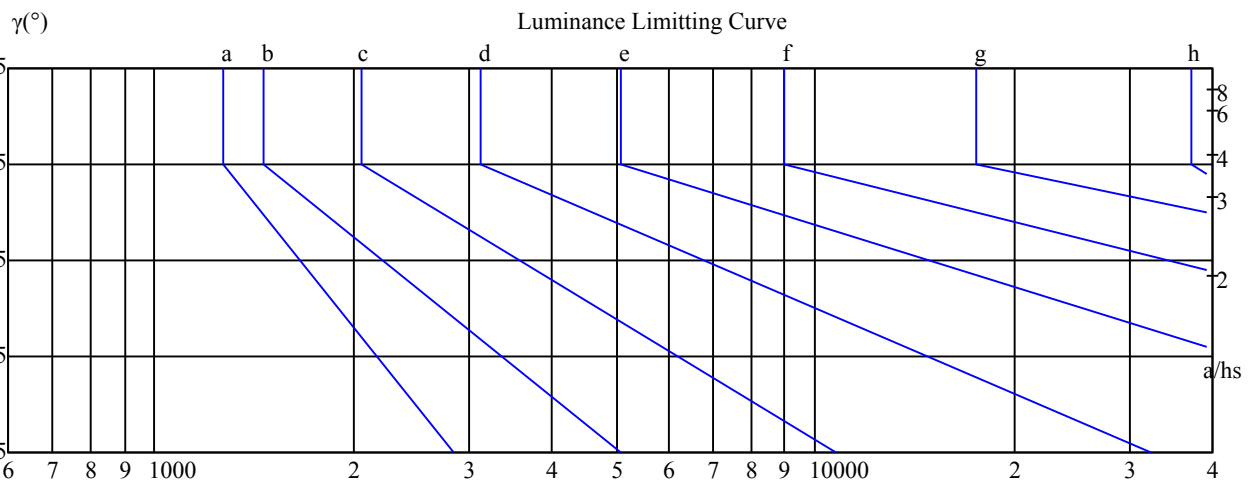


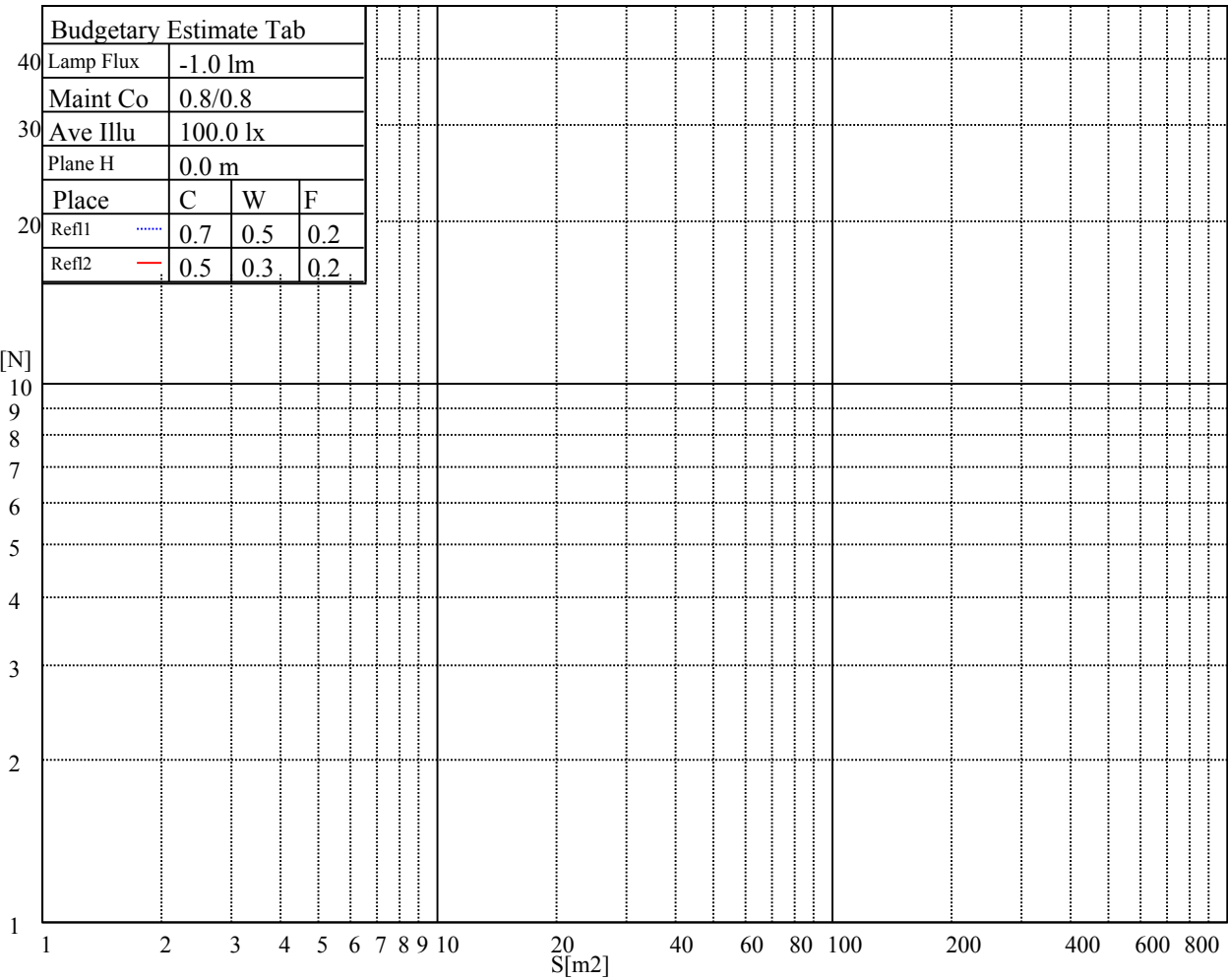
Luminance Table

γ	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	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 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 RHOF=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

Intensity data(cd)

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C/ γ (°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	2571.38	2625.79	2680.84	2771.52	2891.34	3051.33	3155.61	3186.70	3069.46
45.0	2556.48	2588.87	2610.89	2716.47	2847.95	3009.23	3191.23	3374.53	3382.30
90.0	2560.37	2571.38	2624.49	2686.02	2780.59	2930.21	3079.18	3161.44	3118.04
135.0	2577.21	2577.86	2627.73	2672.42	2755.33	2849.89	3004.69	3221.67	3370.64
180.0	2571.38	2553.89	2590.16	2645.87	2693.80	2790.30	2952.23	3072.05	3134.88
225.0	2556.48	2550.65	2585.63	2634.21	2704.16	2800.67	2972.96	3193.82	3352.51
270.0	2558.43	2579.80	2623.84	2682.78	2766.34	2887.46	3030.60	3143.95	3123.22
315.0	2577.21	2628.38	2667.89	2735.25	2854.43	3019.59	3201.59	3374.53	3448.37
360.0	2571.38	2625.79	2680.84	2771.52	2891.34	3051.33	3155.61	3186.70	3069.46
C/ γ (°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	2734.60	2195.71	1781.18	837.48	275.14	144.24	58.55	24.42	6.80
45.0	3184.75	2803.26	2369.94	1960.60	1639.98	432.02	105.32	32.32	9.07
90.0	2893.94	2441.84	1989.09	1195.01	249.95	133.36	59.14	24.55	7.19
135.0	3330.49	3033.19	2513.73	1962.54	1646.46	1173.83	193.40	61.86	20.27
180.0	3015.70	2643.92	2124.46	1611.48	516.48	231.55	120.47	50.59	19.04
225.0	3299.40	3000.81	2476.81	1893.88	1558.37	1001.09	166.85	57.26	18.65
270.0	2906.89	2448.32	1916.55	1097.99	234.14	130.19	61.86	25.39	8.68
315.0	3243.05	2864.14	2279.27	1777.30	1472.23	415.18	93.46	31.28	7.71
360.0	2734.60	2195.71	1781.18	837.48	275.14	144.24	58.55	24.42	6.80
C/ γ (°)	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0
0.0	2.20	1.68	1.62	1.81	2.27	2.66	3.11	5.44	8.23
45.0	2.72	1.81	1.49	1.68	2.20	2.46	3.63	5.38	8.42
90.0	1.30	1.10	1.17	1.36	2.01	2.20	3.30	5.12	8.16
135.0	8.16	6.87	6.93	7.64	8.10	8.16	9.52	10.69	12.18
180.0	8.36	6.41	6.67	7.38	7.90	8.16	9.52	10.43	11.85
225.0	7.32	6.48	6.87	7.58	8.03	8.36	9.72	10.23	11.53
270.0	3.89	4.47	5.12	6.22	6.80	7.51	8.61	9.33	9.97
315.0	2.33	1.62	1.62	1.81	2.40	2.53	3.63	5.31	8.29
360.0	2.20	1.68	1.62	1.81	2.27	2.66	3.11	5.44	8.23
C/ γ (°)	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0
0.0	11.85	16.13	20.60	25.20	29.41	33.16	35.88	37.89	39.25
45.0	11.59	15.74	20.27	25.26	29.60	33.55	35.95	37.76	38.99
90.0	11.14	15.16	19.75	25.00	29.60	33.55	35.75	37.44	40.29
135.0	14.12	17.10	20.53	25.26	29.66	32.97	35.43	36.98	38.54
180.0	13.99	16.91	20.60	25.13	29.34	32.77	35.30	37.24	38.80
225.0	13.93	16.32	19.82	24.68	29.21	32.84	35.56	37.24	38.47
270.0	13.28	16.13	19.95	24.61	29.73	33.36	35.43	37.05	38.73
315.0	11.33	15.09	19.30	24.16	28.63	32.58	35.43	37.50	38.93
360.0	11.85	16.13	20.60	25.20	29.41	33.16	35.88	37.89	39.25
C/ γ (°)	180.0								
0.0	39.70								
45.0	39.45								
90.0	41.06								
135.0	39.51								
180.0	39.70								
225.0	39.45								
270.0	41.06								
315.0	39.51								
360.0	39.70								