

PHOTOMETRIC RESULTS

File Name:	LIICHT 482-QL17-S40 L400342		
Sample Number:	482-QL17-S40		
Report Number:			
Model:	L400342		
Flux:	33871 lm	Flux 2	0.00 lm
Date:	06/12/2017 17.33.31		
Manufacturer:	LIICHT		

Protocol

LiTG-class: A60
UTE-class: 1.00 A
IES-class: 86 - 97 - 100 - 100 - 100
TM5-class: BZ1

Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	29.4°	29.7°
Half peak side angle (left)	-14.3°	-15.1°
Half peak side angle (right)	15.1°	14.6°
One tenth peak divergence	64.3°	64.0°
Tenth peak side angle (left)	-30.1°	-32.0°
Tenth peak side angle (right)	34.2°	32.0°

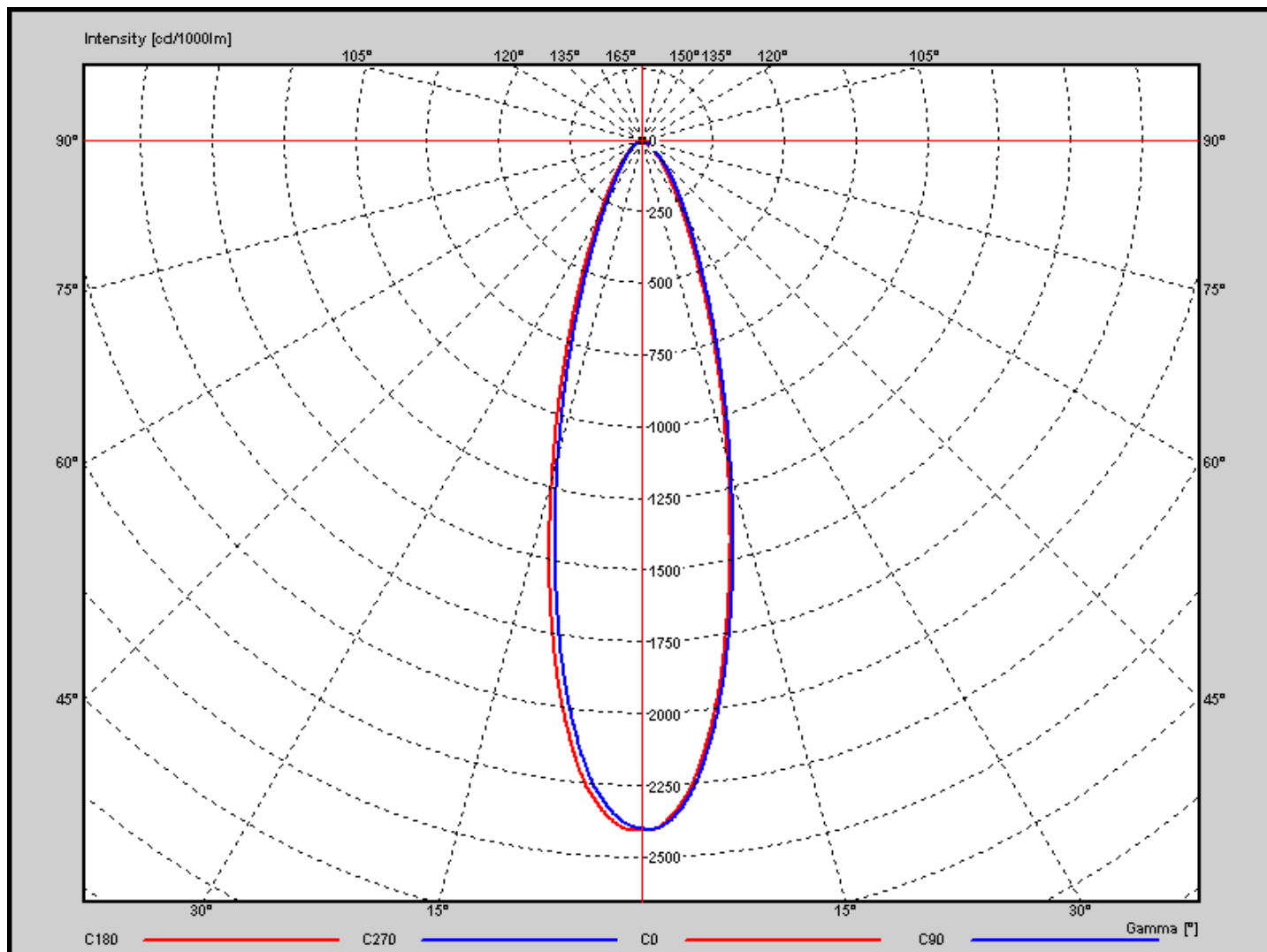
C-planes:	0.0°	10.0°	20.0°	30.0°	40.0°	50.0°	60.0°	70.0°	80.0°	90.0°
	100.0°	110.0°	120.0°	130.0°	140.0°	150.0°	160.0°	170.0°	180.0°	190.0°
	200.0°	210.0°	220.0°	230.0°	240.0°	250.0°	260.0°	270.0°	280.0°	290.0°
	300.0°	310.0°	320.0°	330.0°	340.0°	350.0°				

Gamma:	0.0°	1.0°	2.0°	3.0°	4.0°	5.0°	6.0°	7.0°	8.0°	9.0°
	10.0°	11.0°	12.0°	13.0°	14.0°	15.0°	16.0°	17.0°	18.0°	19.0°
	20.0°	21.0°	22.0°	23.0°	24.0°	25.0°	26.0°	27.0°	28.0°	29.0°
	30.0°	31.0°	32.0°	33.0°	34.0°	35.0°	36.0°	37.0°	38.0°	39.0°
	40.0°	41.0°	42.0°	43.0°	44.0°	45.0°	46.0°	47.0°	48.0°	49.0°
	50.0°	51.0°	52.0°	53.0°	54.0°	55.0°	56.0°	57.0°	58.0°	59.0°
	60.0°	61.0°	62.0°	63.0°	64.0°	65.0°	66.0°	67.0°	68.0°	69.0°
	70.0°	71.0°	72.0°	73.0°	74.0°	75.0°	76.0°	77.0°	78.0°	79.0°
	80.0°	81.0°	82.0°	83.0°	84.0°	85.0°	86.0°	87.0°	88.0°	89.0°
	90.0°									

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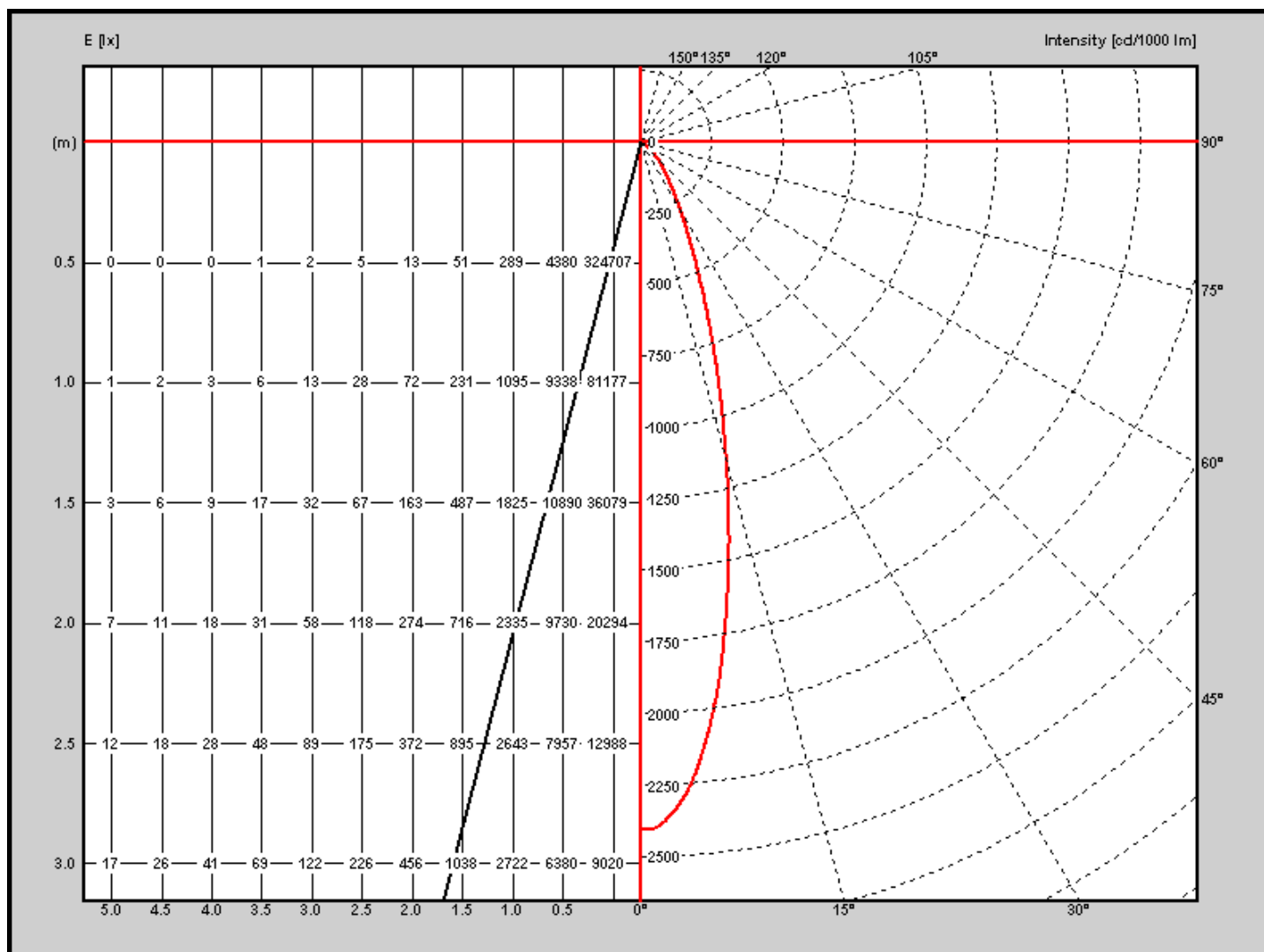
Polar diagram LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90



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Illuminance and Intensity diagram LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90



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Zonal flux LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

Gamm a [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
0.0	2396.63	2396.63	2396.63	0	0	0.00	0.00
1.0	2381.03	2400.34	2391.03	78	78	0.23	0.23
2.0	2354.29	2384.03	2369.52	231	309	0.68	0.91
3.0	2309.60	2352.79	2332.10	381	690	1.12	2.04
4.0	2252.51	2310.43	2282.29	523	1213	1.54	3.58
5.0	2179.43	2250.98	2215.54	655	1868	1.93	5.52
6.0	2093.15	2175.18	2135.48	774	2643	2.29	7.80
7.0	1997.19	2087.49	2043.71	879	3522	2.59	10.40
8.0	1894.55	1993.85	1945.48	967	4489	2.85	13.25
9.0	1782.97	1887.52	1838.08	1039	5527	3.07	16.32
10.0	1668.42	1778.58	1725.41	1092	6619	3.22	19.54
11.0	1553.87	1667.42	1611.38	1129	7749	3.33	22.88
12.0	1442.73	1559.96	1501.95	1153	8902	3.40	26.28
13.0	1329.07	1449.54	1388.68	1162	10063	3.43	29.71
14.0	1219.12	1342.09	1278.85	1157	11220	3.41	33.13
15.0	1113.63	1235.37	1172.94	1140	12360	3.37	36.49
16.0	1014.07	1135.33	1072.44	1114	13474	3.29	39.78
17.0	924.93	1044.91	982.32	1084	14558	3.20	42.98
18.0	837.26	955.24	893.59	1048	15606	3.09	46.07
19.0	755.54	871.50	810.16	1004	16610	2.96	49.04
20.0	681.25	792.95	733.96	957	17567	2.83	51.86
21.0	614.56	724.77	666.32	911	18478	2.69	54.55
22.0	551.47	658.81	602.49	864	19341	2.55	57.10
23.0	496.55	598.97	544.84	815	20157	2.41	59.51
24.0	446.08	547.89	493.42	769	20926	2.27	61.78
25.0	403.03	502.72	449.26	726	21652	2.14	63.92
26.0	362.36	459.04	407.98	685	22337	2.02	65.95
27.0	326.64	421.28	371.16	646	22983	1.91	67.85
28.0	293.91	387.22	338.24	608	23591	1.80	69.65
29.0	267.12	358.35	310.34	575	24166	1.70	71.35
30.0	242.57	330.95	284.66	544	24710	1.61	72.95
31.0	220.99	306.52	261.29	515	25225	1.52	74.47
32.0	200.90	284.31	240.42	487	25712	1.44	75.91

Zonal flux LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

Gamm a [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
33.0	183.78	264.32	222.32	462	26173	1.36	77.27
34.0	168.16	245.81	205.33	438	26612	1.29	78.57
35.0	154.02	228.78	189.87	416	27027	1.23	79.79
36.0	142.12	212.84	175.85	394	27422	1.16	80.96
37.0	131.70	199.16	163.83	375	27797	1.11	82.07
38.0	122.03	185.49	152.15	357	28154	1.05	83.12
39.0	113.10	172.93	141.33	339	28494	1.00	84.12
40.0	104.91	161.84	131.44	322	28816	0.95	85.07
41.0	97.47	151.04	122.72	307	29122	0.91	85.98
42.0	90.78	140.41	114.36	292	29414	0.86	86.84
43.0	84.82	131.55	106.66	277	29691	0.82	87.66
44.0	79.61	122.68	99.51	264	29955	0.78	88.44
45.0	74.41	114.02	92.76	250	30205	0.74	89.18
46.0	69.94	106.42	86.79	238	30443	0.70	89.88
47.0	65.48	99.03	80.84	226	30669	0.67	90.55
48.0	61.76	92.38	75.45	214	30883	0.63	91.18
49.0	57.29	85.73	70.36	203	31086	0.60	91.78
50.0	54.32	79.96	65.86	192	31278	0.57	92.34
51.0	51.34	74.04	61.37	182	31460	0.54	92.88
52.0	48.36	68.86	57.23	172	31633	0.51	93.39
53.0	45.39	63.67	53.38	163	31796	0.48	93.87
54.0	43.08	59.23	49.94	154	31950	0.46	94.33
55.0	40.70	54.84	46.65	146	32096	0.43	94.76
56.0	38.60	51.09	43.54	138	32234	0.41	95.17
57.0	36.37	47.43	40.70	130	32365	0.39	95.55
58.0	34.23	43.72	38.03	123	32488	0.36	95.92
59.0	31.99	40.76	35.47	116	32604	0.34	96.26
60.0	29.75	37.79	32.98	110	32714	0.32	96.58
61.0	28.25	34.90	30.82	103	32817	0.30	96.89
62.0	26.04	32.58	28.72	97	32914	0.29	97.17
63.0	24.53	30.36	26.76	91	33005	0.27	97.44
64.0	22.32	27.47	24.75	86	33091	0.25	97.70
65.0	20.83	25.24	22.92	80	33171	0.24	97.93
66.0	19.18	23.69	21.17	74	33245	0.22	98.15
67.0	17.71	21.53	19.52	69	33315	0.20	98.36
68.0	16.23	19.30	17.91	64	33379	0.19	98.55
69.0	14.76	17.82	16.41	59	33438	0.18	98.72
70.0	13.28	16.33	14.93	55	33493	0.16	98.88
71.0	11.81	14.85	13.55	50	33543	0.15	99.03
72.0	10.42	13.36	12.23	45	33588	0.13	99.16
73.0	9.59	12.59	10.95	41	33629	0.12	99.29
74.0	8.85	11.11	9.72	37	33666	0.11	99.39
75.0	7.38	9.67	8.63	33	33699	0.10	99.49
76.0	6.64	8.88	7.49	29	33728	0.09	99.58

Zonal flux LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

Gamm a [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
77.0	5.90	7.44	6.57	25	33753	0.07	99.65
78.0	4.43	6.68	5.68	22	33775	0.07	99.72
79.0	3.69	5.21	4.71	19	33794	0.06	99.77
80.0	2.95	4.46	3.97	16	33810	0.05	99.82
81.0	2.21	3.72	3.19	13	33823	0.04	99.86
82.0	2.21	2.98	2.66	11	33834	0.03	99.89
83.0	1.48	2.23	2.04	9	33843	0.03	99.92
84.0	0.74	2.23	1.59	7	33849	0.02	99.94
85.0	0.74	1.49	1.15	5	33854	0.01	99.95
86.0	0.74	1.48	0.80	4	33858	0.01	99.96
87.0	0.74	0.74	0.74	3	33861	0.01	99.97
88.0	0.74	0.74	0.74	3	33864	0.01	99.98
89.0	0.74	0.74	0.74	3	33866	0.01	99.99
90.0	0.74	0.74	0.74	3	33869	0.01	99.99

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Date:	06/12/2017 17.33.31		
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Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0
0.0	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63
1.0	2396.63	2386.30	2388.49	2383.35	2387.04	2389.98	2392.94	2390.00
2.0	2371.36	2357.53	2366.30	2356.05	2364.18	2366.33	2367.79	2368.62
3.0	2328.99	2313.99	2326.34	2316.94	2322.87	2326.43	2331.56	2331.76
4.0	2278.44	2259.39	2276.03	2263.82	2274.92	2276.91	2282.75	2280.89
5.0	2207.07	2189.29	2203.51	2191.50	2204.11	2208.18	2216.94	2212.33
6.0	2122.33	2100.74	2120.64	2107.39	2125.92	2128.37	2137.08	2132.72
7.0	2027.92	2006.30	2027.41	2012.94	2034.45	2035.25	2046.12	2042.78
8.0	1928.31	1908.90	1929.00	1914.80	1937.81	1932.53	1949.99	1943.99
9.0	1819.78	1798.95	1818.75	1805.59	1830.12	1822.42	1842.77	1835.63
10.0	1704.55	1683.10	1707.02	1691.22	1715.78	1711.56	1731.85	1723.57
11.0	1590.82	1569.47	1595.29	1578.32	1602.18	1594.80	1620.19	1610.04
12.0	1482.29	1462.48	1488.00	1470.59	1493.75	1486.90	1510.74	1501.67
13.0	1370.78	1352.53	1374.05	1359.91	1383.84	1375.31	1399.08	1391.09
14.0	1262.25	1246.28	1265.28	1254.40	1275.40	1268.89	1293.34	1283.46
15.0	1157.43	1144.45	1163.91	1151.09	1171.39	1166.91	1187.59	1180.99
16.0	1058.56	1045.58	1066.24	1052.95	1073.29	1067.88	1089.24	1082.95
17.0	969.36	959.24	977.45	966.62	984.03	981.42	999.77	995.96
18.0	883.13	872.91	890.88	880.29	895.51	894.95	912.51	909.70
19.0	800.61	792.48	810.22	799.12	815.84	813.66	831.17	828.61
20.0	725.53	719.43	736.23	726.81	741.34	739.76	756.48	754.89
21.0	659.37	654.50	670.38	662.62	675.69	674.72	690.67	690.02
22.0	596.93	593.26	608.96	600.63	614.46	613.38	628.55	628.83
23.0	539.69	537.18	551.99	545.29	559.14	559.44	573.09	573.54
24.0	489.88	488.48	501.67	497.33	510.46	509.92	524.29	523.41
25.0	446.77	445.68	458.02	455.27	467.67	468.54	481.40	481.39
26.0	405.88	406.57	418.06	418.38	428.58	430.11	441.47	441.58
27.0	369.46	371.15	381.80	382.22	393.17	395.37	405.97	406.20
28.0	337.49	339.42	349.99	350.49	361.45	364.34	374.91	374.50
29.0	309.99	312.12	322.61	323.93	334.16	337.73	346.81	347.22
30.0	284.71	287.04	296.71	299.58	309.08	313.34	321.67	322.16
31.0	260.92	264.16	273.77	276.70	286.21	290.43	298.75	297.83
32.0	240.11	243.50	253.80	256.04	265.55	269.00	277.30	276.45
33.0	222.27	225.79	235.30	238.34	247.11	251.27	258.82	258.02
34.0	205.17	208.82	217.54	221.36	229.41	234.27	241.07	241.06
35.0	189.56	193.32	202.00	205.13	213.92	218.01	224.80	224.11
36.0	175.44	179.30	187.20	191.11	199.17	203.23	209.27	210.10
37.0	163.54	166.76	174.62	178.57	186.63	190.67	195.96	196.09
38.0	151.65	154.95	162.78	166.76	174.09	177.36	182.65	182.83
39.0	140.50	143.89	150.95	154.95	162.28	165.54	170.82	170.29
40.0	130.83	133.56	140.59	144.62	151.22	154.45	158.99	159.23
41.0	121.91	124.70	131.71	135.03	141.63	144.85	148.63	148.91
42.0	112.99	116.59	122.09	126.18	132.04	135.24	139.02	138.59
43.0	105.56	108.47	113.95	117.32	123.19	126.37	129.41	129.01

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0
44.0	98.13	101.09	106.55	109.21	115.07	117.50	121.27	120.90
45.0	91.43	93.71	99.15	101.83	106.96	109.37	113.14	112.05
46.0	85.49	87.81	92.49	95.19	100.32	102.72	105.74	104.68
47.0	79.54	81.17	85.83	88.55	92.94	95.33	98.35	98.05
48.0	73.59	75.26	79.91	82.64	86.31	88.68	91.69	90.68
49.0	68.39	70.10	73.99	76.74	80.40	82.77	85.04	84.78
50.0	63.93	64.93	69.55	71.57	75.24	76.86	79.12	78.88
51.0	58.73	60.51	63.63	66.41	70.08	71.68	73.95	72.98
52.0	54.27	56.08	59.19	61.98	64.91	66.51	68.03	67.82
53.0	50.55	51.65	54.75	56.82	60.49	62.08	63.59	63.40
54.0	46.83	47.96	51.06	53.13	56.06	57.64	59.16	58.24
55.0	43.86	44.27	47.36	49.44	52.37	53.95	54.72	54.55
56.0	40.89	41.32	43.66	45.75	48.69	49.51	51.02	50.13
57.0	37.91	38.37	40.70	42.06	45.00	46.56	47.33	46.44
58.0	34.94	36.16	37.74	39.11	41.31	42.86	43.63	43.49
59.0	32.71	33.20	34.78	36.16	38.36	39.91	40.67	39.81
60.0	30.48	30.99	31.82	33.20	35.41	36.21	37.71	36.86
61.0	28.25	28.78	29.60	30.99	32.46	33.99	34.76	33.91
62.0	26.76	26.56	28.12	28.78	30.24	31.04	31.80	31.70
63.0	24.53	25.09	25.90	25.83	27.29	28.82	29.58	29.49
64.0	23.04	22.87	23.68	23.61	25.08	25.87	27.36	26.54
65.0	21.56	21.40	22.20	22.14	22.87	23.65	25.14	24.33
66.0	20.07	19.18	19.98	20.66	21.39	21.43	22.92	22.85
67.0	17.84	17.71	18.50	18.45	19.18	19.95	20.71	20.64
68.0	16.35	16.23	17.02	16.97	17.70	17.74	19.23	19.17
69.0	14.87	14.76	15.54	15.50	16.23	16.26	17.01	16.96
70.0	13.38	13.28	14.06	14.02	14.02	14.78	15.53	15.48
71.0	12.64	11.81	12.58	12.54	13.28	13.30	14.05	14.01
72.0	11.15	11.07	11.10	11.07	11.80	11.82	12.57	12.53
73.0	9.66	9.59	9.62	10.33	10.33	10.35	11.09	11.06
74.0	8.92	8.85	8.88	8.85	8.85	9.61	9.61	10.32
75.0	7.43	7.38	7.40	7.38	8.11	8.13	8.87	8.85
76.0	6.69	6.64	6.66	6.64	6.64	7.39	7.39	8.11
77.0	5.95	5.90	5.92	5.90	5.90	5.91	6.66	6.63
78.0	4.46	4.43	5.18	5.17	5.16	5.17	5.92	5.90
79.0	4.46	3.69	4.44	3.69	4.43	4.43	4.44	5.16
80.0	3.72	2.95	2.96	2.95	3.69	3.70	3.70	4.42
81.0	2.97	2.21	2.22	2.95	2.95	2.96	2.96	3.69
82.0	2.23	2.21	2.22	2.21	2.21	2.22	2.22	2.95
83.0	1.49	1.48	1.48	1.48	1.48	2.22	2.22	2.21
84.0	0.74	1.48	1.48	1.48	1.48	1.48	1.48	1.47
85.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	1.47
86.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
87.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
88.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
89.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
90.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74

G/C [cd/klm]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
0.0	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63
1.0	2392.20	2396.63	2395.15	2395.15	2397.37	2385.51	2394.41	2398.86
2.0	2374.46	2378.07	2375.90	2377.39	2381.81	2380.32	2381.05	2379.53
3.0	2339.73	2343.18	2343.33	2344.08	2351.43	2348.42	2352.10	2351.26
4.0	2291.69	2293.43	2295.20	2296.71	2306.96	2300.20	2306.08	2305.89
5.0	2228.14	2228.10	2235.23	2236.02	2245.45	2239.38	2245.22	2242.66
6.0	2153.50	2150.14	2160.45	2160.52	2169.87	2162.24	2171.74	2168.28

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
7.0	2062.60	2061.05	2072.34	2071.70	2083.16	2074.71	2084.90	2076.78
8.0	1968.00	1963.78	1979.80	1974.74	1990.53	1978.28	1990.64	1983.06
9.0	1864.54	1857.61	1874.66	1872.60	1887.52	1873.69	1884.50	1877.44
10.0	1750.73	1746.25	1765.82	1764.54	1778.58	1764.65	1776.14	1768.09
11.0	1641.36	1634.88	1656.99	1650.55	1667.42	1651.90	1664.06	1655.03
12.0	1531.98	1527.22	1548.89	1541.75	1559.96	1543.61	1555.70	1545.69
13.0	1421.13	1412.89	1437.09	1430.73	1449.54	1431.60	1445.85	1431.88
14.0	1313.97	1305.23	1330.48	1322.66	1342.09	1324.05	1335.26	1319.56
15.0	1209.03	1202.77	1224.60	1219.04	1235.37	1219.46	1227.63	1212.45
16.0	1109.27	1106.25	1125.39	1119.12	1135.33	1117.84	1125.95	1111.29
17.0	1020.58	1017.16	1036.54	1029.56	1044.91	1027.34	1036.14	1021.28
18.0	933.38	930.29	948.44	942.96	955.24	939.07	944.85	930.54
19.0	852.09	848.62	865.51	860.06	871.50	854.51	859.49	844.25
20.0	775.97	775.12	789.99	785.31	792.95	778.11	780.82	766.15
21.0	709.46	708.30	721.88	716.47	724.77	708.38	711.79	696.23
22.0	646.64	645.19	657.46	652.82	658.81	643.85	645.73	630.77
23.0	589.00	588.02	598.97	595.09	598.79	585.25	584.87	572.01
24.0	538.74	536.05	547.89	541.80	545.43	531.84	531.43	518.45
25.0	495.14	492.99	502.72	496.65	499.48	485.85	485.41	472.33
26.0	453.76	452.15	459.04	454.46	455.76	443.57	441.62	429.94
27.0	416.81	415.03	421.28	416.71	417.97	405.74	403.03	392.00
28.0	383.55	381.62	387.22	382.66	383.14	372.36	368.88	357.78
29.0	355.47	353.41	358.35	353.80	353.49	342.69	339.20	328.77
30.0	328.86	326.68	330.95	326.41	326.07	315.99	312.48	302.00
31.0	304.48	302.18	306.52	301.98	301.62	291.51	287.24	277.45
32.0	283.04	279.90	284.31	279.78	278.64	269.26	265.72	255.88
33.0	263.83	260.60	264.32	259.80	259.38	250.72	246.42	236.54
34.0	245.35	242.78	245.81	242.03	240.85	232.17	227.86	218.69
35.0	228.36	225.71	228.78	225.01	223.80	215.85	211.53	202.32
36.0	212.84	210.11	212.49	209.46	208.24	200.28	195.95	187.45
37.0	198.80	196.75	199.16	195.40	194.16	187.67	183.33	174.80
38.0	185.49	183.39	185.10	182.08	181.56	174.31	170.71	162.16
39.0	172.93	170.76	172.51	170.24	168.22	162.45	158.84	151.00
40.0	161.84	158.88	160.66	158.39	157.85	151.32	147.70	140.58
41.0	150.76	149.23	151.04	148.03	147.47	141.68	138.05	130.91
42.0	140.41	138.84	139.93	137.67	137.84	132.03	128.40	121.99
43.0	131.55	129.19	131.05	128.79	128.21	123.13	120.24	113.81
44.0	122.68	121.02	122.16	119.91	119.31	114.97	112.08	105.62
45.0	113.81	112.85	114.02	111.76	111.16	107.56	103.91	98.93
46.0	106.42	104.69	105.88	104.36	103.75	100.14	97.23	92.24
47.0	99.03	97.26	98.47	96.96	97.08	93.46	90.55	86.28
48.0	92.38	90.58	91.81	90.30	90.41	87.53	84.61	80.33
49.0	85.73	84.64	85.14	84.38	83.74	80.85	78.68	75.13
50.0	79.81	78.70	79.96	78.46	78.55	75.66	73.48	69.92
51.0	73.90	72.76	74.04	72.54	73.37	70.47	69.03	65.46
52.0	68.73	67.56	68.86	68.09	67.44	66.02	63.83	60.25
53.0	63.56	63.11	63.67	62.91	62.99	60.82	59.38	56.53
54.0	59.12	57.91	59.23	58.47	58.54	57.12	55.67	52.81
55.0	54.69	54.20	54.79	54.03	54.84	52.67	51.96	49.09
56.0	50.99	50.49	51.09	50.33	50.39	48.96	48.24	45.37
57.0	47.30	46.77	47.38	46.63	47.43	45.99	45.28	42.40
58.0	43.60	43.06	43.68	43.67	43.72	43.02	41.56	39.42
59.0	40.65	40.09	40.72	39.97	40.76	40.06	38.60	36.45
60.0	37.69	37.12	37.76	37.01	37.79	37.09	35.63	33.47
61.0	34.73	34.90	34.80	34.79	34.83	34.12	33.40	31.24
62.0	32.52	31.93	32.58	31.83	31.87	31.90	30.43	29.01
63.0	29.56	29.70	30.36	29.61	29.64	28.93	28.20	26.78
64.0	27.34	27.47	27.39	27.39	27.42	26.70	25.98	25.29

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
65.0	25.13	25.24	25.17	25.17	25.20	24.48	23.75	23.06
66.0	22.91	23.02	23.69	22.94	22.97	22.25	21.52	21.57
67.0	21.43	21.53	21.47	20.72	21.49	20.77	20.04	19.34
68.0	19.21	19.30	19.25	19.24	19.27	18.54	18.56	17.85
69.0	17.74	17.82	17.77	17.76	17.79	17.06	17.07	16.36
70.0	16.26	16.33	16.29	16.28	16.30	15.58	15.59	14.88
71.0	14.78	14.85	14.81	14.80	14.08	14.09	14.10	13.39
72.0	13.30	13.36	13.33	13.32	13.34	12.61	12.62	12.65
73.0	11.82	11.88	12.59	11.84	11.86	11.13	11.13	11.16
74.0	10.35	10.39	11.11	10.36	10.38	9.64	10.39	9.67
75.0	9.61	9.65	9.63	9.62	8.89	8.90	8.91	8.93
76.0	8.13	8.17	8.88	8.14	8.15	7.42	7.42	7.44
77.0	7.39	7.42	7.40	7.40	6.67	6.68	6.68	6.69
78.0	6.65	6.68	6.66	5.92	5.93	5.93	5.94	5.95
79.0	5.17	5.20	5.18	5.18	5.19	5.19	5.20	4.46
80.0	4.43	4.45	4.44	4.44	4.45	4.45	4.45	4.46
81.0	3.70	3.71	3.70	3.70	3.71	3.71	3.71	2.98
82.0	2.96	2.97	2.96	2.96	2.96	2.97	2.97	2.98
83.0	2.22	2.23	2.22	2.22	2.22	2.23	2.23	2.23
84.0	2.22	2.23	2.22	2.22	2.22	1.48	1.48	1.49
85.0	1.48	1.48	1.48	1.48	1.48	1.48	1.48	0.74
86.0	1.48	0.74	1.48	1.48	0.74	0.74	0.74	0.74
87.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
88.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
89.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
90.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74

G/C [cd/klm]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
0.0	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63
1.0	2399.61	2395.15	2400.34	2391.46	2400.34	2394.41	2393.67	2391.45
2.0	2384.00	2376.63	2384.03	2378.15	2381.80	2375.16	2375.89	2370.00
3.0	2352.79	2343.28	2351.40	2344.13	2347.68	2339.61	2342.55	2331.52
4.0	2310.43	2300.29	2306.17	2299.02	2303.91	2293.69	2292.92	2281.20
5.0	2250.98	2240.27	2249.07	2236.91	2240.86	2229.25	2229.20	2215.35
6.0	2175.18	2163.94	2172.69	2160.00	2162.98	2149.27	2149.19	2137.66
7.0	2087.49	2078.71	2082.97	2067.57	2076.19	2058.17	2059.55	2043.69
8.0	1993.85	1979.41	1988.79	1970.70	1979.02	1959.67	1963.24	1941.58
9.0	1886.84	1874.18	1884.23	1864.95	1873.69	1850.80	1857.30	1835.77
10.0	1776.85	1763.76	1773.00	1755.51	1763.91	1737.49	1744.69	1718.86
11.0	1664.64	1648.89	1661.03	1639.41	1645.97	1622.69	1630.60	1603.43
12.0	1556.14	1536.99	1549.06	1528.49	1538.42	1512.34	1521.70	1492.44
13.0	1442.44	1422.12	1431.16	1413.87	1419.73	1396.80	1406.12	1379.23
14.0	1329.48	1309.48	1321.41	1298.52	1309.21	1282.75	1292.03	1266.76
15.0	1221.73	1201.28	1210.92	1191.29	1198.69	1175.36	1181.65	1158.73
16.0	1119.92	1099.01	1107.85	1089.24	1095.58	1073.15	1079.41	1054.40
17.0	1027.77	1008.60	1015.16	998.29	1002.86	980.58	986.06	963.39
18.0	934.87	918.19	925.43	906.59	912.37	888.74	895.68	872.38
19.0	849.41	832.97	838.67	821.55	825.58	803.57	808.26	788.03
20.0	771.38	755.15	759.33	743.17	746.95	725.06	728.99	708.11
21.0	699.30	686.23	688.88	674.40	675.75	656.19	657.13	639.30
22.0	633.16	619.54	622.15	608.59	609.73	591.01	590.45	572.71
23.0	572.96	560.25	561.34	549.43	548.90	531.02	530.44	514.99
24.0	518.71	506.89	507.21	494.71	494.76	477.70	477.10	461.72
25.0	472.64	460.95	460.49	448.86	448.02	432.52	431.17	416.58
26.0	428.79	417.97	416.74	405.97	405.00	390.30	387.46	374.40
27.0	390.15	379.43	377.44	367.52	364.95	351.79	349.68	338.15

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
28.0	354.48	344.60	342.59	332.76	330.83	317.72	315.60	304.85
29.0	324.75	315.70	312.93	303.92	301.16	289.58	286.71	276.73
30.0	298.00	288.28	285.49	276.56	274.45	263.66	260.78	251.58
31.0	272.73	264.56	261.02	252.16	249.23	239.96	237.81	229.38
32.0	251.18	242.33	239.52	230.72	227.72	219.22	217.07	209.40
33.0	231.86	223.06	220.24	212.23	209.18	201.45	199.29	192.38
34.0	213.28	205.28	202.44	194.48	192.12	185.15	182.99	176.10
35.0	197.68	188.97	185.38	178.95	176.54	169.60	168.17	162.04
36.0	182.81	174.89	171.29	164.90	162.45	157.01	154.84	149.47
37.0	170.18	162.30	158.69	153.07	150.58	145.16	143.72	138.37
38.0	157.55	150.44	146.82	141.98	139.45	134.79	133.35	128.01
39.0	146.40	139.32	135.70	130.89	129.07	124.42	122.98	119.13
40.0	136.00	129.69	126.06	121.27	119.42	115.54	114.09	110.25
41.0	126.33	120.05	117.16	112.40	111.26	107.39	106.68	102.85
42.0	118.16	111.90	109.01	105.01	103.85	100.72	99.27	96.19
43.0	109.99	104.49	101.59	97.61	96.43	93.32	92.61	89.53
44.0	101.81	97.08	94.17	90.96	89.75	87.39	86.68	83.61
45.0	95.12	90.41	88.24	85.04	83.82	81.47	80.75	78.43
46.0	89.18	84.48	82.31	79.12	78.63	76.28	75.57	73.99
47.0	83.23	78.55	76.38	73.95	73.43	71.84	71.12	68.81
48.0	77.29	73.37	71.19	68.77	68.24	66.66	66.68	64.37
49.0	72.08	68.18	66.00	64.33	63.79	62.21	62.23	60.67
50.0	67.63	63.73	61.55	59.90	60.08	58.51	58.53	56.97
51.0	62.42	59.29	57.84	55.46	55.63	54.81	54.82	54.01
52.0	57.97	54.84	53.39	51.76	51.92	51.84	51.86	51.06
53.0	54.25	51.13	49.68	48.07	48.96	48.14	48.90	48.10
54.0	50.53	47.43	46.72	45.11	45.99	45.92	45.93	45.14
55.0	46.82	44.46	43.01	42.15	43.02	42.96	43.71	42.92
56.0	43.85	41.50	40.78	39.93	40.06	39.99	40.75	39.96
57.0	40.87	38.54	37.82	36.97	37.83	37.77	38.52	37.74
58.0	37.90	36.31	35.59	34.76	35.60	35.55	36.30	35.52
59.0	34.93	34.09	33.37	32.54	33.38	33.33	34.08	34.04
60.0	32.70	31.87	31.14	30.32	31.15	31.11	31.86	31.82
61.0	30.47	29.64	28.92	28.84	28.93	28.88	30.37	29.60
62.0	28.98	27.42	27.44	27.36	27.45	27.40	28.15	28.12
63.0	26.75	25.94	25.95	25.14	25.96	25.92	26.67	25.90
64.0	24.52	23.71	23.73	23.66	23.74	23.70	24.45	24.42
65.0	23.04	22.23	22.25	22.18	22.25	22.22	22.97	22.94
66.0	21.55	20.75	20.76	20.71	20.77	20.74	20.74	20.72
67.0	19.32	19.27	19.28	19.23	19.29	19.26	19.26	19.24
68.0	17.84	17.79	17.80	17.75	17.80	17.77	17.78	17.76
69.0	16.35	16.30	16.31	16.27	16.32	16.29	16.30	16.28
70.0	14.86	14.82	14.83	14.79	14.84	14.81	14.82	14.80
71.0	13.38	13.34	13.35	13.31	13.35	13.33	14.08	14.06
72.0	12.63	11.86	11.86	11.83	12.61	12.59	12.59	12.58
73.0	11.15	11.12	11.12	11.09	11.13	11.11	11.11	11.10
74.0	9.66	9.63	9.64	9.61	9.64	9.63	10.37	9.62
75.0	8.92	8.15	8.90	8.87	8.90	8.89	8.89	8.88
76.0	7.43	7.41	7.42	7.39	7.42	7.41	8.15	7.40
77.0	6.69	6.67	6.67	6.66	6.68	6.67	6.67	6.66
78.0	5.95	5.93	5.93	5.92	5.93	5.92	5.93	5.92
79.0	5.20	4.45	5.19	4.44	4.45	4.44	5.19	5.18
80.0	4.46	3.71	4.45	3.70	4.45	3.70	3.70	4.44
81.0	2.97	2.96	3.71	2.96	2.97	2.96	2.96	3.70
82.0	2.97	2.22	2.97	2.96	2.97	2.22	2.96	2.96
83.0	2.23	2.22	2.22	2.22	2.23	2.22	2.22	2.22
84.0	1.49	1.48	1.48	1.48	1.48	1.48	1.48	1.48
85.0	1.49	0.74	1.48	1.48	1.48	1.48	0.74	1.48

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
86.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
87.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
88.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
89.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
90.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74

G/C [cd/klm]	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0
0.0	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63	2396.63
1.0	2389.97	2389.96	2389.23	2383.98	2387.72	2389.21	2386.24	2381.03
2.0	2367.77	2366.99	2366.30	2359.43	2362.47	2362.49	2358.76	2354.29
3.0	2334.46	2327.71	2328.56	2317.76	2321.62	2317.22	2317.91	2311.20
4.0	2284.87	2276.58	2276.03	2267.17	2268.15	2263.03	2265.18	2252.51
5.0	2217.52	2206.92	2207.95	2195.74	2199.08	2191.78	2193.88	2179.70
6.0	2136.10	2124.66	2125.82	2110.17	2116.64	2107.17	2111.44	2095.01
7.0	2042.10	2030.54	2031.11	2014.93	2022.32	2012.16	2017.87	1999.18
8.0	1942.92	1929.02	1931.96	1912.99	1922.06	1909.74	1916.86	1898.14
9.0	1837.07	1819.34	1822.45	1801.38	1813.63	1797.66	1807.69	1785.96
10.0	1723.83	1702.99	1709.98	1686.05	1700.00	1680.39	1692.57	1670.81
11.0	1609.11	1586.64	1593.81	1570.72	1581.91	1563.86	1576.71	1554.17
12.0	1500.30	1475.48	1482.08	1458.37	1472.74	1452.53	1466.05	1442.73
13.0	1385.58	1358.39	1368.13	1344.53	1356.14	1338.23	1350.94	1329.07
14.0	1272.33	1247.97	1254.92	1232.92	1243.99	1226.89	1240.28	1219.12
15.0	1162.79	1141.25	1146.15	1125.77	1137.05	1121.50	1132.59	1113.63
16.0	1060.65	1038.99	1044.78	1023.83	1033.81	1020.55	1030.84	1014.07
17.0	967.39	947.83	953.03	933.80	942.46	928.52	939.49	924.93
18.0	875.61	857.42	863.50	844.51	854.08	840.19	851.11	837.26
19.0	789.75	772.94	777.67	761.92	769.42	756.32	767.93	755.54
20.0	711.29	696.61	700.71	686.03	691.44	681.36	691.44	681.25
21.0	641.72	627.69	631.90	618.32	624.60	614.56	624.60	615.13
22.0	575.84	562.48	566.79	554.33	562.21	551.47	560.72	553.47
23.0	515.89	504.67	508.33	497.78	503.54	496.55	504.28	497.75
24.0	464.08	452.80	456.54	447.18	453.04	446.08	453.78	447.98
25.0	418.19	408.33	412.14	403.28	409.96	403.03	410.70	405.63
26.0	375.26	367.57	369.97	362.36	368.37	362.95	369.86	367.00
27.0	337.51	330.52	332.97	326.64	331.98	328.06	334.21	332.08
28.0	304.21	297.91	299.67	293.91	299.30	296.15	303.01	300.88
29.0	276.82	270.49	272.29	267.12	271.82	270.17	275.53	275.62
30.0	251.65	245.30	247.14	242.57	247.31	244.93	251.03	251.10
31.0	228.71	223.06	224.20	220.99	224.29	223.41	229.49	229.56
32.0	207.98	203.05	204.22	200.90	204.24	204.11	209.44	210.24
33.0	190.96	186.01	187.20	183.78	187.90	187.78	192.35	193.16
34.0	175.42	171.19	170.92	168.16	171.56	172.20	176.76	178.30
35.0	161.35	157.11	156.87	154.02	157.45	158.09	162.65	164.18
36.0	148.03	144.51	144.29	142.12	144.82	146.22	150.02	151.55
37.0	137.67	134.13	133.93	131.70	134.43	135.08	139.62	141.15
38.0	127.31	123.76	123.57	122.03	124.77	125.44	129.23	130.75
39.0	117.69	114.87	114.69	113.10	115.12	115.79	120.31	121.09
40.0	109.54	106.71	105.81	104.91	106.95	107.62	111.40	112.92
41.0	102.14	99.30	99.15	97.47	99.52	100.20	103.98	105.49
42.0	95.48	92.63	91.75	90.78	92.84	93.52	96.55	98.06
43.0	88.82	86.71	85.83	84.82	86.89	87.58	90.61	91.38
44.0	83.64	80.78	80.65	79.61	80.95	81.64	84.67	85.43
45.0	77.72	75.59	75.47	74.41	75.75	76.45	78.72	80.23
46.0	73.28	71.14	71.03	69.94	70.55	71.25	74.27	75.03
47.0	68.09	66.70	65.85	65.48	66.10	66.80	69.07	69.83
48.0	64.39	62.25	62.15	61.76	62.39	63.09	64.61	65.38

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0
49.0	59.95	58.54	58.45	57.29	58.67	58.64	60.90	61.66
50.0	56.99	55.58	54.75	54.32	54.96	55.67	57.19	57.95
51.0	53.29	51.88	51.80	51.34	51.99	51.96	53.47	54.23
52.0	50.33	48.91	48.84	48.36	49.02	48.99	50.50	51.26
53.0	47.37	45.95	45.88	45.39	46.05	46.02	47.53	48.29
54.0	45.15	43.72	43.66	43.16	43.08	43.79	44.56	45.32
55.0	42.19	41.50	40.70	40.92	40.85	41.56	42.33	42.35
56.0	39.97	39.28	39.22	38.69	38.62	38.60	39.36	40.12
57.0	37.75	37.05	37.00	36.46	36.39	36.37	37.13	37.89
58.0	35.53	34.83	34.78	34.23	34.91	34.88	34.91	35.66
59.0	33.31	33.35	32.56	31.99	32.68	32.66	33.42	33.43
60.0	31.83	31.13	31.08	30.51	30.45	30.43	31.19	31.20
61.0	29.61	29.64	29.60	29.02	28.96	28.95	29.71	28.97
62.0	28.13	27.42	27.38	26.79	27.48	27.46	27.48	26.74
63.0	26.65	25.94	25.90	25.30	25.99	25.98	25.99	25.26
64.0	25.17	24.46	24.42	23.81	24.51	23.75	24.51	23.77
65.0	22.94	22.97	22.94	22.32	22.28	22.27	22.28	21.54
66.0	21.46	21.49	21.46	20.83	20.80	20.78	20.80	20.06
67.0	19.98	20.01	19.98	19.35	19.31	19.30	19.31	18.57
68.0	18.50	18.53	18.50	17.86	18.57	17.81	17.82	17.09
69.0	17.02	17.04	17.02	17.11	17.08	16.33	16.34	15.60
70.0	15.54	15.56	15.54	15.63	15.60	14.84	14.85	14.12
71.0	14.06	14.08	14.06	14.14	14.11	13.36	13.37	13.37
72.0	12.58	12.60	13.32	12.65	12.63	12.62	11.88	11.89
73.0	11.84	11.86	11.84	11.16	11.88	11.13	10.40	10.40
74.0	10.36	10.38	10.36	10.42	10.40	9.65	9.65	8.91
75.0	8.88	9.63	9.62	9.67	8.91	8.91	8.17	8.17
76.0	8.14	8.15	8.14	8.18	8.17	7.42	7.43	7.43
77.0	6.66	6.67	7.40	7.44	6.68	6.68	6.68	5.94
78.0	5.92	5.93	6.66	5.95	5.94	5.94	5.20	5.20
79.0	5.18	5.19	5.18	5.21	5.20	5.20	4.46	4.46
80.0	4.44	4.45	4.44	4.46	4.46	4.45	3.71	3.71
81.0	3.70	3.71	3.70	3.72	3.71	2.97	2.97	2.97
82.0	2.96	2.96	2.96	2.98	2.97	2.97	2.23	2.23
83.0	2.22	2.22	2.22	2.23	2.23	2.23	2.23	2.23
84.0	1.48	1.48	2.22	1.49	1.49	1.48	1.49	1.49
85.0	1.48	1.48	1.48	1.49	1.49	1.48	0.74	0.74
86.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
87.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
88.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
89.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
90.0	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74

G/C [cd/klm]	320.0	330.0	340.0	350.0
0.0	2396.63	2396.63	2396.63	2396.63
1.0	2385.47	2382.50	2387.70	2387.71
2.0	2357.92	2354.98	2362.38	2356.45
3.0	2311.01	2309.60	2319.92	2313.30
4.0	2256.66	2253.82	2262.58	2258.98
5.0	2182.95	2179.43	2193.31	2186.06
6.0	2104.03	2093.15	2111.39	2099.01
7.0	2012.46	1997.19	2015.32	2003.77
8.0	1913.44	1894.55	1914.78	1900.34
9.0	1806.97	1782.97	1807.53	1793.94
10.0	1687.84	1668.42	1693.58	1680.84
11.0	1573.93	1553.87	1579.63	1565.51

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	320.0	330.0	340.0	350.0
12.0	1461.51	1443.78	1470.90	1456.88
13.0	1348.34	1331.46	1356.95	1346.01
14.0	1237.40	1224.35	1248.96	1237.38
15.0	1130.94	1121.70	1143.95	1134.70
16.0	1031.17	1021.28	1044.90	1037.23
17.0	940.34	932.02	954.78	948.68
18.0	852.48	845.00	866.90	862.37
19.0	769.10	763.92	784.98	780.52
20.0	693.15	689.53	709.01	707.61
21.0	627.64	624.08	642.73	642.13
22.0	565.10	562.34	580.91	580.37
23.0	508.51	507.29	523.57	525.31
24.0	458.63	458.20	473.67	475.46
25.0	416.19	415.80	430.47	433.05
26.0	375.99	377.12	390.25	392.87
27.0	340.99	342.16	354.51	357.15
28.0	309.72	310.92	322.48	325.16
29.0	282.92	284.89	294.92	298.37
30.0	259.10	260.34	270.35	274.56
31.0	236.76	238.77	247.26	251.49
32.0	217.40	219.43	227.15	231.40
33.0	200.28	202.32	210.02	213.55
34.0	184.64	186.70	193.64	196.43
35.0	170.50	172.57	178.74	182.30
36.0	157.10	159.18	165.34	168.16
37.0	146.67	148.02	154.17	156.25
38.0	135.50	137.61	142.25	145.09
39.0	125.83	127.94	132.57	134.68
40.0	116.89	118.27	122.89	125.00
41.0	109.45	110.83	114.69	116.82
42.0	102.00	103.39	107.25	108.63
43.0	95.30	95.95	99.80	101.19
44.0	88.60	90.00	93.09	94.50
45.0	82.64	83.31	86.39	87.80
46.0	77.43	78.85	81.18	81.85
47.0	72.22	72.90	75.22	75.89
48.0	67.75	68.43	70.01	70.69
49.0	63.28	63.97	65.54	66.22
50.0	59.56	59.51	61.07	61.76
51.0	55.84	55.79	56.60	57.29
52.0	52.12	52.07	52.88	52.83
53.0	49.14	48.35	49.15	49.11
54.0	46.16	45.37	46.18	46.13
55.0	43.18	42.40	43.20	42.41
56.0	40.95	40.17	39.47	39.44
57.0	37.97	37.19	37.24	37.20
58.0	35.74	34.96	35.00	34.97
59.0	33.50	32.73	32.77	31.99
60.0	31.27	29.75	30.54	29.76
61.0	29.04	28.27	28.30	28.27
62.0	26.80	26.78	26.07	26.04
63.0	25.31	24.55	24.58	24.55
64.0	23.08	23.06	23.09	22.32
65.0	21.59	21.57	20.85	20.83
66.0	20.10	19.34	19.36	19.35
67.0	18.61	18.60	17.87	17.86
68.0	17.12	16.36	16.38	16.37
69.0	15.64	14.88	14.90	14.88

Intensity [cd/klm] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd/klm]	320.0	330.0	340.0	350.0
70.0	14.15	13.39	14.15	13.39
71.0	12.66	12.65	12.66	11.91
72.0	11.17	11.16	11.17	10.42
73.0	10.42	9.67	9.68	9.67
74.0	8.93	8.93	8.94	8.93
75.0	8.19	7.44	7.45	7.44
76.0	6.70	6.69	6.70	6.70
77.0	5.96	5.95	5.96	5.95
78.0	5.21	5.21	4.47	4.46
79.0	4.47	3.72	3.72	3.72
80.0	3.72	2.98	2.98	2.98
81.0	2.98	2.98	2.23	2.23
82.0	2.23	2.23	2.23	2.23
83.0	1.49	1.49	1.49	1.49
84.0	1.49	1.49	1.49	1.49
85.0	0.74	0.74	0.74	0.74
86.0	0.74	0.74	0.74	0.74
87.0	0.74	0.74	0.74	0.74
88.0	0.74	0.74	0.74	0.74
89.0	0.74	0.74	0.74	0.74
90.0	0.74	0.74	0.74	0.74

PHOTOMETRIC RESULTS

File Name:	LIICHT 482-QL17-S40 L400342		
Sample Number:	482-QL17-S40		
Report Number:			
Model:	L400342		
Flux:	33871 lm	Flux 2	0.00 lm
Date:	06/12/2017 17.33.31		
Manufacturer:	LIICHT		

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0
0.0	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7
1.0	81176.7	80826.8	80901.0	80726.8	80851.9	80951.4	81051.4	80951.9
2.0	80320.6	79852.1	80149.1	79802.1	80077.3	80150.4	80199.8	80227.8
3.0	78885.4	78377.5	78795.8	78477.5	78678.2	78798.7	78972.5	78979.3
4.0	77173.2	76528.0	77091.5	76678.0	77054.1	77121.6	77319.5	77256.4
5.0	74756.1	74153.7	74635.4	74228.7	74655.6	74793.7	75090.3	74934.2
6.0	71885.7	71154.6	71828.5	71379.5	72007.1	72090.3	72385.3	72237.5
7.0	68688.0	67955.5	68670.6	68180.4	68909.0	68936.3	69304.5	69191.2
8.0	65314.0	64656.4	65337.3	64856.4	65635.9	65457.0	66048.4	65845.3
9.0	61637.9	60932.5	61603.0	61157.4	61988.1	61727.3	62416.6	62174.7
10.0	57735.2	57008.6	57818.6	57283.5	58115.4	57972.6	58659.6	58379.3
11.0	53882.8	53159.7	54034.3	53459.6	54267.7	54017.7	54877.5	54533.9
12.0	50206.7	49535.8	50400.2	49810.7	50594.9	50363.1	51170.6	50863.4
13.0	46429.8	45811.8	46540.6	46061.8	46872.1	46583.4	47388.5	47117.9
14.0	42753.7	42212.9	42856.5	42487.8	43199.3	42978.8	43806.9	43472.3
15.0	39203.5	38763.9	39423.0	38988.8	39676.4	39524.5	40225.2	40001.6
16.0	35854.7	35414.8	36114.7	35664.8	36353.4	36170.3	36893.9	36680.6
17.0	32833.3	32490.7	33107.3	32740.6	33330.2	33241.6	33863.3	33734.1
18.0	29912.5	29566.5	30175.0	29816.4	30331.9	30313.0	30907.8	30812.7
19.0	27117.7	26842.3	27443.2	27067.2	27633.6	27559.5	28152.6	28066.0
20.0	24574.6	24368.0	24937.0	24617.9	25110.1	25056.4	25622.9	25569.0
21.0	22333.7	22168.6	22706.4	22443.6	22886.4	22853.6	23393.7	23371.7
22.0	20218.6	20094.2	20626.2	20344.2	20812.6	20776.0	21289.8	21299.2
23.0	18279.9	18194.8	18696.5	18469.7	18938.7	18948.7	19411.3	19426.5
24.0	16592.9	16545.3	16992.2	16845.2	17289.7	17271.6	17758.2	17728.5
25.0	15132.5	15095.7	15513.5	15420.6	15840.6	15869.9	16305.5	16305.3
26.0	13747.7	13771.0	14160.2	14170.9	14516.4	14568.3	14952.9	14956.9
27.0	12513.9	12571.4	12932.1	12946.3	13317.1	13391.8	13750.7	13758.3
28.0	11431.2	11496.7	11854.5	11871.6	12242.7	12340.5	12698.7	12684.6
29.0	10499.6	10572.0	10927.1	10971.9	11318.3	11439.3	11747.0	11760.8
30.0	9643.5	9722.2	10050.0	10147.1	10468.8	10613.3	10895.4	10911.8
31.0	8837.8	8947.4	9273.0	9372.3	9694.2	9837.3	10118.9	10087.8
32.0	8132.8	8247.6	8596.4	8672.5	8994.6	9111.4	9392.6	9363.7
33.0	7528.5	7647.8	7969.8	8072.7	8370.0	8510.7	8766.4	8739.4
34.0	6949.4	7073.0	7368.3	7497.8	7770.4	7934.9	8165.3	8165.1
35.0	6420.6	6548.1	6842.0	6948.0	7245.7	7384.3	7614.2	7590.8
36.0	5942.2	6073.3	6340.8	6473.1	6746.0	6883.6	7088.2	7116.4
37.0	5539.4	5648.4	5914.7	6048.3	6321.2	6458.1	6637.4	6642.0
38.0	5136.5	5248.5	5513.7	5648.4	5896.5	6007.5	6186.6	6192.5
39.0	4758.8	4873.6	5112.7	5248.5	5496.7	5607.0	5785.8	5768.0
40.0	4431.5	4523.7	4761.8	4898.6	5122.0	5231.6	5385.1	5393.5
41.0	4129.3	4223.8	4461.1	4573.7	4797.1	4906.1	5034.4	5043.9
42.0	3827.2	3948.9	4135.3	4273.8	4472.3	4580.7	4708.8	4694.3
43.0	3575.4	3673.9	3859.6	3973.9	4172.5	4280.4	4383.2	4369.7
44.0	3323.6	3424.0	3609.0	3698.9	3897.7	3980.0	4107.7	4095.0

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0
45.0	3097.0	3174.1	3358.3	3449.0	3622.8	3704.6	3832.2	3795.4
46.0	2895.6	2974.1	3132.8	3224.1	3398.0	3479.4	3581.7	3545.7
47.0	2694.1	2749.2	2907.2	2999.1	3148.1	3229.0	3331.2	3321.0
48.0	2492.7	2549.3	2706.7	2799.2	2923.3	3003.8	3105.8	3071.3
49.0	2316.5	2374.3	2506.2	2599.3	2723.4	2803.5	2880.4	2871.5
50.0	2165.4	2199.4	2355.9	2424.3	2548.5	2603.3	2680.0	2671.8
51.0	1989.1	2049.4	2155.4	2249.4	2373.6	2428.0	2504.7	2472.0
52.0	1838.1	1899.5	2005.0	2099.4	2198.7	2252.8	2304.3	2297.2
53.0	1712.2	1749.5	1854.6	1924.4	2048.8	2102.6	2154.0	2147.4
54.0	1586.3	1624.5	1729.3	1799.5	1898.9	1952.4	2003.7	1972.6
55.0	1485.6	1499.6	1604.0	1674.5	1773.9	1827.3	1853.5	1847.8
56.0	1384.8	1399.6	1478.7	1549.6	1649.0	1677.1	1728.2	1697.9
57.0	1284.1	1299.6	1378.4	1424.6	1524.1	1577.0	1603.0	1573.1
58.0	1183.4	1224.6	1278.2	1324.6	1399.2	1451.8	1477.8	1473.2
59.0	1107.9	1124.7	1177.9	1224.6	1299.2	1351.7	1377.6	1348.4
60.0	1032.3	1049.7	1077.7	1124.7	1199.3	1226.5	1277.4	1248.5
61.0	956.8	974.7	1002.5	1049.7	1099.3	1151.4	1177.2	1148.6
62.0	906.4	899.7	952.4	974.7	1024.4	1051.3	1077.0	1073.7
63.0	830.9	849.8	877.2	874.7	924.4	976.2	1001.9	998.8
64.0	780.5	774.8	802.0	799.8	849.5	876.1	926.7	898.9
65.0	730.2	724.8	751.9	749.8	774.5	801.0	851.6	824.0
66.0	679.8	649.8	676.7	699.8	724.6	725.9	776.5	774.1
67.0	604.3	599.8	626.6	624.8	649.6	675.8	701.3	699.2
68.0	553.9	549.8	576.4	574.8	599.6	600.8	651.2	649.2
69.0	503.6	499.9	526.3	524.8	549.7	550.7	576.1	574.3
70.0	453.2	449.9	476.2	474.9	474.7	500.6	526.0	524.4
71.0	428.0	399.9	426.1	424.9	449.7	450.6	475.9	474.4
72.0	377.7	374.9	375.9	374.9	399.8	400.5	425.8	424.5
73.0	327.3	324.9	325.8	349.9	349.8	350.4	375.7	374.5
74.0	302.1	299.9	300.7	299.9	299.8	325.4	325.6	349.6
75.0	251.8	249.9	250.6	249.9	274.8	275.3	300.6	299.6
76.0	226.6	224.9	225.6	224.9	224.9	250.3	250.5	274.7
77.0	201.4	199.9	200.5	199.9	199.9	200.3	225.4	224.7
78.0	151.1	150.0	175.4	174.9	174.9	175.2	200.4	199.8
79.0	151.1	125.0	150.4	125.0	149.9	150.2	150.3	174.8
80.0	125.9	100.0	100.2	100.0	124.9	125.2	125.2	149.8
81.0	100.7	75.0	75.2	100.0	99.9	100.1	100.2	124.8
82.0	75.5	75.0	75.2	75.0	75.0	75.1	75.1	99.9
83.0	50.4	50.0	50.1	50.0	50.0	75.1	75.1	74.9
84.0	25.2	50.0	50.1	50.0	50.0	50.1	50.1	49.9
85.0	25.2	25.0	25.1	25.0	25.0	25.0	25.0	49.9
86.0	25.2	25.0	25.1	25.0	25.0	25.0	25.0	25.0
87.0	25.2	25.0	25.1	25.0	25.0	25.0	25.0	25.0
88.0	25.2	25.0	25.1	25.0	25.0	25.0	25.0	25.0
89.0	25.2	25.0	25.1	25.0	25.0	25.0	25.0	25.0
90.0	25.2	25.0	25.1	25.0	25.0	25.0	25.0	25.0

G/C [cd]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
0.0	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7
1.0	81026.5	81176.7	81126.5	81126.5	81201.8	80799.8	81101.3	81252.2
2.0	80425.7	80548.0	80474.5	80524.9	80674.7	80624.0	80648.7	80597.2
3.0	79249.3	79366.1	79371.1	79396.7	79645.5	79543.6	79668.3	79639.8
4.0	77622.2	77681.2	77741.0	77792.2	78139.5	77910.5	78109.6	78102.9
5.0	75469.5	75468.2	75709.7	75736.5	76056.1	75850.3	76048.1	75961.4
6.0	72941.4	72827.7	73176.9	73179.3	73495.8	73237.4	73559.3	73441.9
7.0	69862.5	69809.9	70192.6	70170.9	70559.0	70272.7	70617.9	70343.0
8.0	66658.5	66515.6	67057.9	66886.8	67421.3	67006.6	67425.2	67168.5
9.0	63154.1	62919.5	63496.9	63427.1	63932.3	63464.0	63830.2	63590.9

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
10.0	59299.3	59147.3	59810.4	59766.9	60242.4	59770.8	60159.7	59887.3
11.0	55594.6	55375.2	56124.0	55906.1	56477.3	55951.9	56363.6	56057.8
12.0	51890.0	51728.8	52462.6	52220.8	52837.6	52283.7	52693.2	52354.2
13.0	48135.3	47856.0	48675.9	48460.3	49097.6	48489.9	48972.5	48499.4
14.0	44505.8	44209.6	45064.7	44800.1	45457.9	44846.9	45226.6	44695.0
15.0	40951.3	40739.2	41478.6	41290.3	41843.4	41304.4	41581.4	41067.0
16.0	37572.1	37470.0	38118.2	37905.8	38454.8	37862.4	38137.2	37640.6
17.0	34568.3	34452.3	35108.8	34872.4	35392.4	34797.2	35095.3	34592.0
18.0	31614.6	31510.0	32124.6	31939.2	32355.2	31807.4	32003.1	31518.3
19.0	28861.2	28743.8	29315.9	29131.4	29518.8	28943.2	29112.0	28595.8
20.0	26282.9	26254.2	26758.0	26599.3	26858.1	26355.4	26447.2	25950.3
21.0	24030.1	23990.9	24450.8	24267.8	24548.8	23993.7	24109.1	23582.0
22.0	21902.4	21853.3	22269.0	22111.8	22314.8	21807.9	21871.7	21364.9
23.0	19950.0	19917.0	20287.9	20156.3	20281.6	19823.1	19810.2	19374.6
24.0	18247.9	18156.6	18557.5	18351.3	18474.3	18014.1	18000.2	17560.6
25.0	16771.0	16698.1	17027.8	16822.0	16918.1	16456.4	16441.5	15998.5
26.0	15369.3	15314.9	15548.2	15393.0	15437.1	15024.3	14958.2	14562.4
27.0	14117.7	14057.6	14269.2	14114.4	14157.0	13743.0	13651.0	13277.5
28.0	12991.3	12925.9	13115.7	12961.2	12977.2	12612.4	12494.5	12118.6
29.0	12040.1	11970.3	12137.6	11983.5	11973.2	11607.4	11488.9	11136.0
30.0	11139.0	11065.0	11209.8	11055.9	11044.5	10703.0	10583.9	10229.0
31.0	10312.9	10235.1	10382.2	10228.6	10216.1	9873.9	9729.1	9397.5
32.0	9587.0	9480.7	9629.9	9476.5	9438.0	9120.1	9000.1	8666.9
33.0	8936.2	8826.8	8952.8	8799.6	8785.4	8492.0	8346.4	8011.8
34.0	8310.4	8223.3	8325.8	8197.9	8157.8	7863.9	7717.9	7407.2
35.0	7734.7	7644.9	7749.0	7621.3	7580.5	7311.2	7164.9	6852.9
36.0	7209.0	7116.8	7197.3	7094.8	7053.4	6783.6	6636.9	6349.0
37.0	6733.4	6664.1	6745.9	6618.5	6576.5	6356.5	6209.6	5920.7
38.0	6282.9	6211.5	6269.4	6167.2	6149.7	5904.2	5782.2	5492.4
39.0	5857.3	5784.0	5843.1	5766.1	5697.9	5502.2	5379.9	5114.5
40.0	5481.9	5381.6	5441.9	5365.0	5346.5	5125.4	5002.8	4761.8
41.0	5106.4	5054.7	5115.9	5014.0	4995.1	4798.7	4676.0	4434.2
42.0	4756.0	4702.6	4739.7	4663.0	4668.8	4472.1	4349.2	4131.9
43.0	4455.6	4375.7	4438.8	4362.2	4342.5	4170.6	4072.7	3854.8
44.0	4155.2	4099.1	4137.8	4061.3	4041.3	3894.3	3796.1	3577.6
45.0	3854.8	3822.4	3862.0	3785.6	3765.2	3643.0	3519.6	3350.9
46.0	3604.5	3545.8	3586.1	3534.9	3514.1	3391.8	3293.3	3124.1
47.0	3354.2	3294.3	3335.3	3284.2	3288.2	3165.7	3067.1	2922.6
48.0	3128.9	3068.0	3109.6	3058.5	3062.3	2964.7	2865.9	2721.0
49.0	2903.6	2866.8	2883.9	2858.0	2836.4	2738.6	2664.8	2544.6
50.0	2703.4	2665.7	2708.4	2657.4	2660.7	2562.7	2488.8	2368.3
51.0	2503.1	2464.5	2507.8	2456.9	2485.0	2386.8	2338.0	2217.1
52.0	2327.9	2288.4	2332.2	2306.4	2284.2	2236.1	2162.0	2040.8
53.0	2152.7	2137.6	2156.7	2131.0	2133.6	2060.2	2011.2	1914.8
54.0	2002.5	1961.5	2006.2	1980.5	1983.0	1934.6	1885.5	1788.8
55.0	1852.3	1835.8	1855.8	1830.1	1857.5	1783.8	1759.8	1662.8
56.0	1727.2	1710.0	1730.4	1704.8	1706.9	1658.2	1634.1	1536.9
57.0	1602.0	1584.3	1605.0	1579.4	1606.5	1557.7	1533.5	1436.1
58.0	1476.9	1458.6	1479.6	1479.1	1481.0	1457.2	1407.8	1335.3
59.0	1376.7	1358.0	1379.3	1353.8	1380.6	1356.7	1307.3	1234.5
60.0	1276.6	1257.4	1279.0	1253.5	1280.2	1256.2	1206.7	1133.8
61.0	1176.5	1181.9	1178.7	1178.3	1179.7	1155.7	1131.3	1058.2
62.0	1101.4	1081.3	1103.4	1078.0	1079.3	1080.3	1030.7	982.6
63.0	1001.3	1005.9	1028.2	1002.8	1004.0	979.8	955.3	907.0
64.0	926.2	930.5	927.9	927.6	928.7	904.5	879.9	856.6
65.0	851.1	855.0	852.6	852.4	853.4	829.1	804.5	781.0
66.0	776.0	779.6	802.5	777.2	778.1	753.7	729.1	730.6
67.0	725.9	729.3	727.3	702.0	727.9	703.5	678.8	655.1
68.0	650.8	653.8	652.0	651.8	652.6	628.1	628.5	604.7

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
69.0	600.8	603.5	601.9	601.7	602.4	577.9	578.2	554.3
70.0	550.7	553.2	551.7	551.5	552.2	527.6	527.9	503.9
71.0	500.6	503.0	501.6	501.4	476.9	477.4	477.7	453.5
72.0	450.6	452.7	451.4	451.3	451.8	427.1	427.4	428.3
73.0	400.5	402.4	426.3	401.1	401.6	376.9	377.1	377.9
74.0	350.4	352.1	376.2	351.0	351.4	326.6	352.0	327.5
75.0	325.4	326.9	326.0	325.9	301.2	301.5	301.7	302.3
76.0	275.3	276.6	300.9	275.8	276.1	251.2	251.4	251.9
77.0	250.3	251.5	250.8	250.7	225.9	226.1	226.3	226.8
78.0	225.3	226.3	225.7	200.6	200.8	201.0	201.1	201.6
79.0	175.2	176.0	175.5	175.5	175.7	175.9	176.0	151.2
80.0	150.2	150.9	150.5	150.4	150.6	150.7	150.8	151.2
81.0	125.2	125.7	125.4	125.4	125.5	125.6	125.7	100.8
82.0	100.1	100.6	100.3	100.3	100.4	100.5	100.6	100.8
83.0	75.1	75.4	75.2	75.2	75.3	75.4	75.4	75.6
84.0	75.1	75.4	75.2	75.2	75.3	50.2	50.3	50.4
85.0	50.1	50.3	50.2	50.1	50.2	50.2	50.3	25.2
86.0	50.1	25.1	50.2	50.1	25.1	25.1	25.1	25.2
87.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.2
88.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.2
89.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.2
90.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.2

G/C [cd]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
0.0	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7
1.0	81277.4	81126.5	81302.3	81001.3	81302.3	81101.4	81076.3	81001.2
2.0	80748.8	80499.0	80749.7	80550.5	80674.2	80449.2	80474.1	80274.4
3.0	79691.6	79369.4	79644.6	79398.4	79518.5	79245.1	79344.9	78971.2
4.0	78256.8	77913.5	78112.5	77870.5	78036.1	77689.8	77663.6	77267.0
5.0	76243.2	75880.4	76178.5	75766.6	75900.6	75507.4	75505.6	75036.4
6.0	73675.7	73295.0	73591.5	73161.7	73262.5	72798.1	72795.5	72404.9
7.0	70705.5	70408.3	70552.4	70030.9	70323.0	69712.6	69759.2	69222.0
8.0	67534.0	67044.8	67362.6	66749.7	67031.7	66376.2	66497.1	65763.4
9.0	63909.3	63480.5	63821.1	63168.0	63464.0	62688.7	62908.8	62179.5
10.0	60184.0	59740.4	60053.7	59461.1	59745.6	58850.6	59094.6	58219.6
11.0	56383.2	55849.8	56261.1	55528.8	55750.9	54962.3	55230.3	54309.9
12.0	52708.2	52059.5	52468.5	51771.7	52107.8	51224.6	51541.5	50550.6
13.0	48857.0	48168.8	48474.9	47889.5	48088.0	47311.3	47627.0	46716.1
14.0	45031.0	44353.5	44757.7	43982.2	44344.4	43448.1	43762.6	42906.6
15.0	41381.2	40688.7	41015.3	40350.4	40600.9	39810.7	40023.7	39247.5
16.0	37932.8	37224.8	37524.1	36893.9	37108.6	36348.9	36560.9	35713.7
17.0	34811.6	34162.5	34384.5	33813.2	33968.1	33213.2	33399.1	32631.1
18.0	31665.2	31100.2	31345.4	30707.4	30902.9	30102.6	30337.7	29548.4
19.0	28770.5	28213.5	28406.8	27827.0	27963.4	27217.8	27376.7	26691.3
20.0	26127.6	25577.9	25719.3	25172.0	25300.2	24558.7	24691.8	23984.6
21.0	23686.0	23243.5	23333.3	22842.7	22888.3	22225.8	22257.7	21653.8
22.0	21445.7	20984.4	21072.8	20613.5	20652.2	20018.2	19999.3	19398.2
23.0	19406.9	18976.4	19013.2	18609.8	18592.0	17986.3	17966.8	17443.3
24.0	17569.4	17169.1	17179.7	16756.3	16757.9	16180.2	16160.1	15638.9
25.0	16008.8	15612.8	15597.4	15203.4	15175.1	14649.9	14604.3	14110.1
26.0	14523.7	14157.0	14115.5	13750.7	13717.9	13220.1	13123.8	12681.5
27.0	13214.8	12851.7	12784.3	12448.3	12361.2	11915.6	11844.0	11453.5
28.0	12006.6	11672.0	11603.8	11271.1	11205.5	10761.7	10689.7	10325.7
29.0	10999.8	10693.0	10599.2	10294.2	10200.5	9808.4	9711.1	9373.3
30.0	10093.6	9764.3	9669.9	9367.5	9296.0	8930.4	8832.8	8521.2
31.0	9237.8	8961.1	8841.0	8541.0	8441.8	8127.7	8054.9	7769.3
32.0	8507.8	8208.0	8112.6	7814.6	7713.2	7425.3	7352.3	7092.6
33.0	7853.4	7555.4	7459.6	7188.4	7085.1	6823.3	6750.1	6516.2

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
34.0	7224.1	6953.0	6856.8	6587.3	6507.2	6271.4	6198.0	5964.8
35.0	6695.5	6400.8	6279.1	6061.3	5979.6	5744.6	5696.2	5488.6
36.0	6192.1	5923.8	5801.9	5585.4	5502.2	5318.1	5244.5	5062.6
37.0	5764.2	5497.1	5374.9	5184.7	5100.2	4916.8	4868.1	4686.6
38.0	5336.3	5095.5	4973.1	4809.0	4723.4	4565.6	4516.8	4335.8
39.0	4958.7	4719.0	4596.3	4433.3	4371.6	4214.4	4165.5	4035.0
40.0	4606.3	4392.7	4269.8	4107.7	4045.0	3913.3	3864.4	3734.3
41.0	4279.1	4066.4	3968.4	3807.1	3768.6	3637.4	3613.4	3483.7
42.0	4002.2	3790.3	3692.1	3556.6	3517.4	3411.6	3362.5	3258.1
43.0	3725.3	3539.2	3441.0	3306.2	3266.2	3160.8	3136.7	3032.5
44.0	3448.4	3288.2	3189.8	3080.8	3040.0	2960.1	2935.9	2832.0
45.0	3221.9	3062.3	2988.9	2880.4	2839.0	2759.4	2735.2	2656.6
46.0	3020.5	2861.5	2787.9	2680.0	2663.2	2583.8	2559.5	2506.2
47.0	2819.2	2660.7	2587.0	2504.7	2487.3	2433.3	2409.0	2330.8
48.0	2617.8	2485.0	2411.2	2329.4	2311.4	2257.7	2258.4	2180.4
49.0	2441.6	2309.3	2235.4	2179.1	2160.7	2107.2	2107.8	2055.1
50.0	2290.6	2158.7	2084.7	2028.8	2035.1	1981.8	1982.4	1929.8
51.0	2114.4	2008.1	1959.1	1878.5	1884.3	1856.3	1856.9	1829.5
52.0	1963.3	1857.5	1808.4	1753.3	1758.7	1756.0	1756.5	1729.3
53.0	1837.5	1732.0	1682.8	1628.0	1658.2	1630.6	1656.2	1629.0
54.0	1711.6	1606.5	1582.3	1527.9	1557.7	1555.3	1555.8	1528.8
55.0	1585.8	1506.1	1456.8	1427.7	1457.2	1455.0	1480.5	1453.6
56.0	1485.1	1405.7	1381.4	1352.5	1356.7	1354.6	1380.1	1353.4
57.0	1384.4	1305.3	1280.9	1252.3	1281.3	1279.4	1304.8	1278.2
58.0	1283.7	1230.0	1205.6	1177.2	1206.0	1204.1	1229.6	1203.0
59.0	1183.0	1154.6	1130.2	1102.1	1130.6	1128.8	1154.3	1152.9
60.0	1107.5	1079.3	1054.9	1026.9	1055.2	1053.6	1079.0	1077.7
61.0	1032.0	1004.0	979.5	976.8	979.8	978.3	1028.8	1002.5
62.0	981.7	928.7	929.3	926.7	929.6	928.2	953.5	952.4
63.0	906.2	878.5	879.1	851.6	879.4	878.0	903.4	877.2
64.0	830.6	803.2	803.7	801.5	804.0	802.7	828.1	827.1
65.0	780.3	753.0	753.5	751.4	753.7	752.6	777.9	776.9
66.0	730.0	702.8	703.3	701.3	703.5	702.4	702.6	701.7
67.0	654.4	652.6	653.0	651.2	653.2	652.2	652.4	651.6
68.0	604.1	602.4	602.8	601.1	603.0	602.1	602.2	601.5
69.0	553.8	552.2	552.6	551.0	552.7	551.9	552.1	551.4
70.0	503.4	502.0	502.3	500.9	502.5	501.7	501.9	501.2
71.0	453.1	451.8	452.1	450.8	452.2	451.5	476.8	476.2
72.0	427.9	401.6	401.9	400.7	427.1	426.5	426.6	426.1
73.0	377.6	376.5	376.7	375.7	376.9	376.3	376.4	375.9
74.0	327.2	326.3	326.5	325.6	326.6	326.1	351.3	325.8
75.0	302.1	276.1	301.4	300.6	301.5	301.0	301.1	300.7
76.0	251.7	251.0	251.2	250.5	251.2	250.9	276.0	250.6
77.0	226.5	225.9	226.0	225.4	226.1	225.8	225.8	225.6
78.0	201.4	200.8	200.9	200.4	201.0	200.7	200.7	200.5
79.0	176.2	150.6	175.8	150.3	150.7	150.5	175.7	175.4
80.0	151.0	125.5	150.7	125.2	150.7	125.4	125.5	150.4
81.0	100.7	100.4	125.6	100.2	100.5	100.3	100.4	125.3
82.0	100.7	75.3	100.5	100.2	100.5	75.3	100.4	100.2
83.0	75.5	75.3	75.3	75.1	75.4	75.3	75.3	75.2
84.0	50.3	50.2	50.2	50.1	50.2	50.2	50.2	50.1
85.0	50.3	25.1	50.2	50.1	50.2	50.2	25.1	50.1
86.0	25.2	25.1	25.1	25.0	25.1	25.1	25.1	25.1
87.0	25.2	25.1	25.1	25.0	25.1	25.1	25.1	25.1
88.0	25.2	25.1	25.1	25.0	25.1	25.1	25.1	25.1
89.0	25.2	25.1	25.1	25.0	25.1	25.1	25.1	25.1
90.0	25.2	25.1	25.1	25.0	25.1	25.1	25.1	25.1

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0
0.0	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7	81176.7
1.0	80951.1	80950.8	80926.1	80748.2	80874.8	80925.3	80824.5	80648.3
2.0	80199.0	80172.6	80149.1	79916.6	80019.5	80020.2	79893.7	79742.4
3.0	79070.8	78842.3	78871.0	78505.2	78636.0	78486.7	78510.2	78282.9
4.0	77391.1	77110.3	77091.5	76791.5	76824.8	76651.5	76724.2	76295.0
5.0	75109.7	74750.8	74785.8	74372.1	74485.3	74238.1	74309.2	73829.0
6.0	72352.0	71964.6	72003.9	71473.8	71693.1	71372.1	71517.0	70960.4
7.0	69168.1	68776.8	68795.9	68247.9	68498.3	68154.2	68347.4	67714.3
8.0	65808.8	65337.9	65437.6	64795.2	65102.3	64684.9	64926.3	64292.1
9.0	62223.8	61623.0	61728.4	61014.8	61429.6	60888.8	61228.4	60492.5
10.0	58388.0	57682.1	57918.9	57108.5	57580.8	56916.7	57329.3	56592.2
11.0	54502.2	53741.3	53984.1	53202.1	53581.1	52969.7	53405.0	52641.5
12.0	50816.9	49976.1	50199.7	49396.6	49883.3	49198.7	49656.9	48867.0
13.0	46931.1	46010.2	46340.1	45540.6	45933.9	45327.2	45757.8	45017.1
14.0	43095.3	42270.1	42505.6	41760.2	42135.4	41556.2	42009.6	41292.9
15.0	39385.0	38655.6	38821.5	38131.1	38513.0	37986.4	38362.1	37719.7
16.0	35925.3	35191.6	35387.9	34678.4	35016.4	34567.3	34915.8	34347.9
17.0	32766.5	32104.2	32280.2	31628.9	31922.3	31450.0	31821.7	31328.3
18.0	29657.8	29041.9	29247.7	28604.6	28928.8	28458.3	28828.2	28359.0
19.0	26749.7	26180.4	26340.4	25807.2	26061.1	25617.5	26010.7	25591.0
20.0	24092.3	23595.0	23734.0	23236.5	23419.7	23078.4	23419.7	23074.7
21.0	21735.7	21260.6	21403.2	20943.1	21155.7	20815.8	21155.7	20835.2
22.0	19504.5	19051.7	19197.7	18775.7	19042.7	18678.9	18992.4	18746.6
23.0	17473.8	17093.8	17217.8	16860.4	17055.4	16818.6	17080.6	16859.4
24.0	15718.9	15336.7	15463.4	15146.6	15344.8	15109.1	15370.0	15173.4
25.0	14164.6	13830.7	13959.7	13659.7	13885.8	13651.0	13911.0	13739.1
26.0	12710.5	12450.1	12531.1	12273.5	12477.1	12293.4	12527.4	12430.7
27.0	11431.9	11195.1	11278.0	11063.8	11244.5	11111.8	11320.0	11248.0
28.0	10303.8	10090.6	10150.2	9954.9	10137.7	10030.8	10263.4	10191.1
29.0	9376.2	9161.9	9222.9	9047.6	9206.9	9150.9	9332.7	9335.6
30.0	8523.8	8308.4	8370.8	8216.0	8376.8	8296.2	8502.5	8505.2
31.0	7746.6	7555.4	7593.9	7485.1	7596.9	7567.1	7773.0	7775.4
32.0	7044.7	6877.7	6917.2	6804.6	6917.8	6913.5	7093.8	7121.2
33.0	6468.1	6300.4	6340.8	6225.0	6364.3	6360.4	6515.3	6542.4
34.0	5941.6	5798.3	5789.4	5695.7	5810.9	5832.5	5987.0	6039.2
35.0	5465.3	5321.4	5313.2	5216.9	5333.0	5354.8	5509.0	5561.1
36.0	5014.0	4894.7	4887.1	4813.6	4905.3	4952.6	5081.4	5133.3
37.0	4663.0	4543.3	4536.3	4460.8	4553.1	4575.5	4729.2	4781.0
38.0	4312.0	4191.9	4185.4	4133.2	4226.1	4248.6	4377.1	4428.7
39.0	3986.1	3890.7	3884.7	3830.8	3899.1	3921.8	4075.2	4101.6
40.0	3710.4	3614.5	3583.9	3553.5	3622.4	3645.3	3773.3	3824.8
41.0	3459.7	3363.5	3358.3	3301.5	3370.8	3393.9	3521.8	3573.2
42.0	3234.0	3137.6	3107.7	3074.7	3144.4	3167.6	3270.2	3321.6
43.0	3008.4	2936.8	2907.2	2873.1	2943.2	2966.5	3069.0	3095.1
44.0	2832.9	2736.0	2731.8	2696.6	2741.9	2765.4	2867.7	2893.8
45.0	2632.4	2560.3	2556.4	2520.2	2565.9	2589.4	2666.5	2717.6
46.0	2481.9	2409.7	2406.0	2369.0	2389.8	2413.4	2515.5	2541.5
47.0	2306.4	2259.1	2230.5	2217.8	2238.8	2262.6	2339.5	2365.3
48.0	2181.1	2108.5	2105.2	2091.8	2113.1	2136.9	2188.5	2214.4
49.0	2030.7	1983.0	1979.9	1940.6	1987.3	1986.1	2062.7	2088.6
50.0	1930.4	1882.6	1854.6	1839.8	1861.5	1885.5	1937.0	1962.7
51.0	1805.0	1757.1	1754.4	1739.0	1760.9	1759.8	1811.2	1836.9
52.0	1704.8	1656.7	1654.1	1638.2	1660.3	1659.2	1710.6	1736.3
53.0	1604.5	1556.3	1553.9	1537.3	1559.6	1558.7	1610.0	1635.6
54.0	1529.3	1481.0	1478.7	1461.7	1459.0	1483.3	1509.3	1535.0
55.0	1429.0	1405.7	1378.4	1386.1	1383.6	1407.8	1433.9	1434.3
56.0	1353.8	1330.4	1328.3	1310.5	1308.1	1307.3	1333.2	1358.8
57.0	1278.6	1255.1	1253.1	1234.9	1232.6	1231.9	1257.8	1283.3
58.0	1203.4	1179.7	1177.9	1159.3	1182.3	1181.6	1182.3	1207.8

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	240.0	250.0	260.0	270.0	280.0	290.0	300.0	310.0
59.0	1128.2	1129.5	1102.7	1083.7	1106.8	1106.2	1132.0	1132.3
60.0	1078.0	1054.2	1052.6	1033.3	1031.4	1030.7	1056.5	1056.9
61.0	1002.8	1004.0	1002.5	982.9	981.1	980.5	1006.2	981.4
62.0	952.7	928.7	927.3	907.3	930.8	930.2	930.8	905.9
63.0	902.5	878.5	877.2	856.9	880.4	879.9	880.4	855.6
64.0	852.4	828.3	827.1	806.5	830.1	804.5	830.1	805.2
65.0	777.2	778.1	776.9	756.1	754.7	754.2	754.7	729.7
66.0	727.0	727.9	726.8	705.7	704.4	703.9	704.4	679.4
67.0	676.9	677.7	676.7	655.3	654.0	653.6	654.0	629.1
68.0	626.8	627.5	626.6	604.9	628.9	603.4	603.7	578.8
69.0	576.6	577.3	576.4	579.7	578.6	553.1	553.4	528.4
70.0	526.5	527.1	526.3	529.2	528.3	502.8	503.1	478.1
71.0	476.3	476.9	476.2	478.8	478.0	452.5	452.8	452.9
72.0	426.2	426.7	451.1	428.4	427.6	427.4	402.5	402.6
73.0	401.1	401.6	401.0	378.0	402.5	377.1	352.2	352.3
74.0	351.0	351.4	350.9	352.8	352.2	326.8	327.0	302.0
75.0	300.8	326.3	325.8	327.6	301.9	301.7	276.7	276.8
76.0	275.8	276.1	275.7	277.2	276.7	251.4	251.6	251.6
77.0	225.6	225.9	250.6	252.0	226.4	226.3	226.4	201.3
78.0	200.6	200.8	225.6	201.6	201.2	201.1	176.1	176.1
79.0	175.5	175.7	175.4	176.4	176.1	176.0	150.9	151.0
80.0	150.4	150.6	150.4	151.2	150.9	150.8	125.8	125.8
81.0	125.4	125.5	125.3	126.0	125.8	100.6	100.6	100.7
82.0	100.3	100.4	100.2	100.8	100.6	100.6	75.5	75.5
83.0	75.2	75.3	75.2	75.6	75.5	75.4	75.5	75.5
84.0	50.1	50.2	75.2	50.4	50.3	50.3	50.3	50.3
85.0	50.1	50.2	50.1	50.4	50.3	50.3	25.2	25.2
86.0	25.1	25.1	25.1	25.2	25.2	25.1	25.2	25.2
87.0	25.1	25.1	25.1	25.2	25.2	25.1	25.2	25.2
88.0	25.1	25.1	25.1	25.2	25.2	25.1	25.2	25.2
89.0	25.1	25.1	25.1	25.2	25.2	25.1	25.2	25.2
90.0	25.1	25.1	25.1	25.2	25.2	25.1	25.2	25.2

G/C [cd]	320.0	330.0	340.0	350.0
0.0	81176.7	81176.7	81176.7	81176.7
1.0	80798.4	80698.0	80874.0	80874.3
2.0	79865.3	79765.8	80016.3	79815.7
3.0	78276.6	78228.9	78578.4	78354.0
4.0	76435.7	76339.3	76636.0	76514.2
5.0	73939.1	73819.9	74290.0	74044.4
6.0	71266.0	70897.3	71515.2	71095.7
7.0	68164.2	67647.2	68261.1	67869.8
8.0	64810.2	64170.4	64855.6	64366.7
9.0	61204.0	60391.2	61223.1	60762.8
10.0	57169.2	56511.3	57363.5	56932.0
11.0	53310.8	52631.3	53504.0	53025.7
12.0	49502.9	48902.5	49821.0	49346.1
13.0	45669.8	45098.1	45961.4	45591.0
14.0	41912.3	41470.1	42303.7	41911.5
15.0	38306.1	37993.3	38746.9	38433.5
16.0	34926.9	34592.0	35391.8	35132.0
17.0	31850.3	31568.7	32339.5	32133.0
18.0	28874.6	28620.9	29362.8	29209.5
19.0	26050.2	25874.8	26588.0	26437.2
20.0	23477.9	23355.3	24015.0	23967.4
21.0	21258.8	21138.2	21769.9	21749.6
22.0	19140.5	19047.0	19676.1	19657.8
23.0	17223.9	17182.7	17733.8	17792.8

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	320.0	330.0	340.0	350.0
24.0	15534.3	15519.8	16043.6	16104.3
25.0	14096.9	14083.7	14580.5	14667.8
26.0	12735.1	12773.6	13218.3	13306.8
27.0	11549.8	11589.5	12007.5	12097.1
28.0	10490.7	10531.3	10922.8	11013.4
29.0	9582.8	9649.5	9989.4	10106.1
30.0	8775.9	8818.1	9157.0	9299.7
31.0	8019.3	8087.4	8375.0	8518.4
32.0	7363.7	7432.4	7693.9	7837.9
33.0	6783.6	6852.9	7113.7	7233.1
34.0	6254.1	6323.8	6558.7	6653.4
35.0	5774.9	5845.1	6054.2	6174.6
36.0	5321.0	5391.6	5600.1	5695.7
37.0	4967.9	5013.7	5221.7	5292.5
38.0	4589.7	4661.0	4818.1	4914.5
39.0	4261.8	4333.5	4490.2	4561.6
40.0	3959.2	4005.9	4162.3	4234.0
41.0	3707.0	3754.0	3884.8	3956.8
42.0	3454.9	3502.0	3632.5	3679.5
43.0	3227.9	3250.1	3380.3	3427.5
44.0	3000.9	3048.5	3153.2	3200.7
45.0	2799.2	2821.8	2926.2	2973.9
46.0	2622.7	2670.6	2749.6	2772.3
47.0	2446.1	2469.1	2547.8	2570.6
48.0	2294.8	2317.9	2371.2	2394.2
49.0	2143.5	2166.7	2219.9	2243.0
50.0	2017.4	2015.6	2068.5	2091.8
51.0	1891.3	1889.6	1917.2	1940.6
52.0	1765.3	1763.6	1791.0	1789.4
53.0	1664.4	1637.6	1664.9	1663.4
54.0	1563.5	1536.9	1564.0	1562.5
55.0	1462.6	1436.1	1463.1	1436.5
56.0	1387.0	1360.5	1337.0	1335.7
57.0	1286.1	1259.7	1261.3	1260.1
58.0	1210.5	1184.1	1185.6	1184.5
59.0	1134.8	1108.6	1109.9	1083.7
60.0	1059.2	1007.8	1034.3	1008.1
61.0	983.5	957.4	958.6	957.7
62.0	907.8	907.0	882.9	882.1
63.0	857.4	831.4	832.5	831.7
64.0	781.8	781.0	782.0	756.1
65.0	731.3	730.6	706.3	705.7
66.0	680.9	655.1	655.9	655.3
67.0	630.4	629.9	605.4	604.9
68.0	580.0	554.3	555.0	554.5
69.0	529.6	503.9	504.5	504.0
70.0	479.1	453.5	479.3	453.6
71.0	428.7	428.3	428.8	403.2
72.0	378.3	377.9	378.4	352.8
73.0	353.1	327.5	327.9	327.6
74.0	302.6	302.3	302.7	302.4
75.0	277.4	251.9	252.3	252.0
76.0	227.0	226.8	227.0	226.8
77.0	201.7	201.6	201.8	201.6
78.0	176.5	176.4	151.4	151.2
79.0	151.3	126.0	126.1	126.0
80.0	126.1	100.8	100.9	100.8
81.0	100.9	100.8	75.7	75.6
82.0	75.7	75.6	75.7	75.6

Intensity [cd] LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

G/C [cd]	320.0	330.0	340.0	350.0
83.0	50.4	50.4	50.5	50.4
84.0	50.4	50.4	50.5	50.4
85.0	25.2	25.2	25.2	25.2
86.0	25.2	25.2	25.2	25.2
87.0	25.2	25.2	25.2	25.2
88.0	25.2	25.2	25.2	25.2
89.0	25.2	25.2	25.2	25.2
90.0	25.2	25.2	25.2	25.2

PHOTOMETRIC RESULTS

File Name:	LIICHT 482-QL17-S40 L400342		
Sample Number:	482-QL17-S40		
Report Number:			
Model:	L400342		
Flux:	33871 lm	Flux 2	0.00 lm
Date:	06/12/2017 17.33.31		
Manufacturer:	LIICHT		

Electrical protocol LIICHT 482-QL17-S40 L400342 / C0 to C355 in 5 - Gamma 0 to 90

[deg]	U [V]	I [A]	P [W]	PF
0.0	230.02	1.279	289.5	0.9836
10.0	230.02	1.279	289.4	0.9836
20.0	230.02	1.279	289.4	0.9836
30.0	230.02	1.279	289.4	0.9836
40.0	230.02	1.279	289.4	0.9836
50.0	230.02	1.279	289.5	0.9836
60.0	230.02	1.279	289.5	0.9836
70.0	230.02	1.279	289.5	0.9836
80.0	230.02	1.279	289.5	0.9836
90.0	230.02	1.279	289.5	0.9836
100.0	230.02	1.279	289.5	0.9836
110.0	230.02	1.279	289.5	0.9836
120.0	230.02	1.280	289.5	0.9836
130.0	230.02	1.280	289.5	0.9836
140.0	230.02	1.280	289.5	0.9836
150.0	230.02	1.279	289.5	0.9836
160.0	230.02	1.279	289.4	0.9836
170.0	230.02	1.279	289.5	0.9836
180.0	230.02	1.279	289.5	0.9836
190.0	230.02	1.279	289.5	0.9836
200.0	230.02	1.279	289.5	0.9836
210.0	230.02	1.279	289.4	0.9836
220.0	230.02	1.279	289.4	0.9836
230.0	230.02	1.279	289.5	0.9836
240.0	230.02	1.279	289.5	0.9836
250.0	230.02	1.279	289.5	0.9836
260.0	230.02	1.279	289.4	0.9836
270.0	230.02	1.279	289.4	0.9836
280.0	230.02	1.279	289.4	0.9836
290.0	230.02	1.279	289.4	0.9836
300.0	230.02	1.279	289.4	0.9836
310.0	230.02	1.279	289.4	0.9836
320.0	230.02	1.279	289.4	0.9836
330.0	230.02	1.279	289.5	0.9836
340.0	230.02	1.280	289.5	0.9836
350.0	230.02	1.280	289.5	0.9836