

PHOTOMETRIC RESULTS

File Name:	LICHT 1392-QL16-S07 L700147		
Sample Number:	1392-QL16-S07		
Report Number:			
Model:	L700147		
Flux:	2138 lm	Flux 2	0.00 lm
Date:	04/04/2017 8.30.48		
Manufacturer:	LICHT		

Protocol

LiTG-class: A41
UTE-class: 0.95 E + 0.05 T
IES-class: 44 - 75 - 93 - 95 - 100
TM5-class: BZ5

Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	112.4°	121.6°
Half peak side angle (left)	-56.4°	-61.9°
Half peak side angle (right)	56.0°	59.7°
One tenth peak divergence	160.3°	193.2°
Tenth peak side angle (left)	-80.2°	-98.3°
Tenth peak side angle (right)	80.1°	94.9°

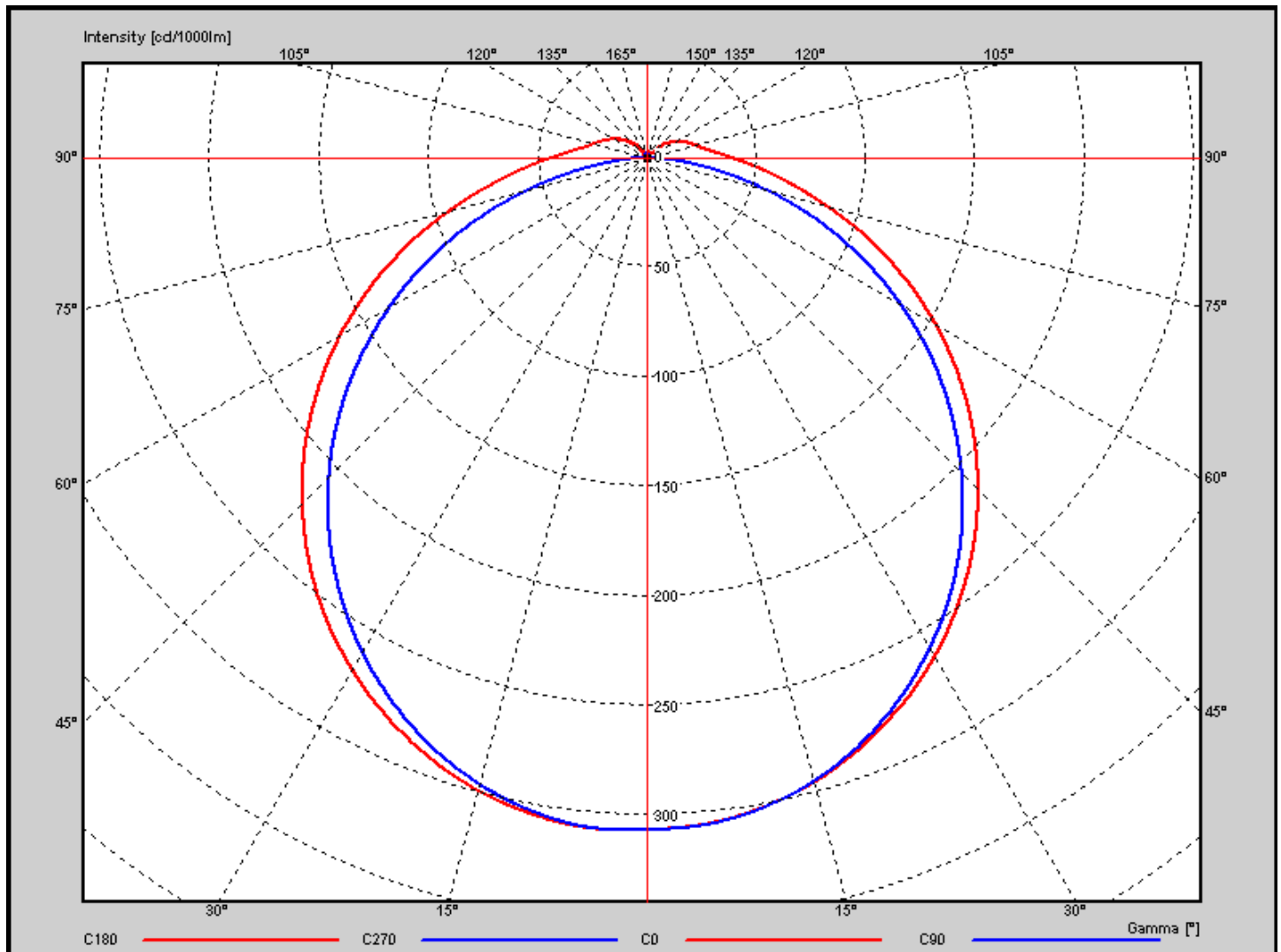
C-planes:	0.0°	5.0°	10.0°	15.0°	20.0°	25.0°	30.0°	35.0°	40.0°	45.0°
	50.0°	55.0°	60.0°	65.0°	70.0°	75.0°	80.0°	85.0°	90.0°	95.0°
	100.0°	105.0°	110.0°	115.0°	120.0°	125.0°	130.0°	135.0°	140.0°	145.0°
	150.0°	155.0°	160.0°	165.0°	170.0°	175.0°	180.0°	185.0°	190.0°	195.0°
	200.0°	205.0°	210.0°	215.0°	220.0°	225.0°	230.0°	235.0°	240.0°	245.0°
	250.0°	255.0°	260.0°	265.0°	270.0°	275.0°	280.0°	285.0°	290.0°	295.0°
	300.0°	305.0°	310.0°	315.0°	320.0°	325.0°	330.0°	335.0°	340.0°	345.0°
	350.0°	355.0°								

Gamma:	0.0°	5.0°	10.0°	15.0°	20.0°	25.0°	30.0°	35.0°	40.0°	45.0°
	50.0°	55.0°	60.0°	65.0°	70.0°	75.0°	80.0°	85.0°	90.0°	95.0°
	100.0°	105.0°	110.0°	115.0°	120.0°	125.0°	130.0°	135.0°	140.0°	145.0°
	150.0°	155.0°	160.0°	165.0°	170.0°	175.0°	180.0°			

PHOTOMETRIC RESULTS

File Name:	LICHT 1392-QL16-S07 L700147		
Sample Number:	1392-QL16-S07		
Report Number:			
Model:	L700147		
Flux:	2138 lm	Flux 2	0.00 lm
Date:	04/04/2017 8.30.48		
Manufacturer:	LICHT		

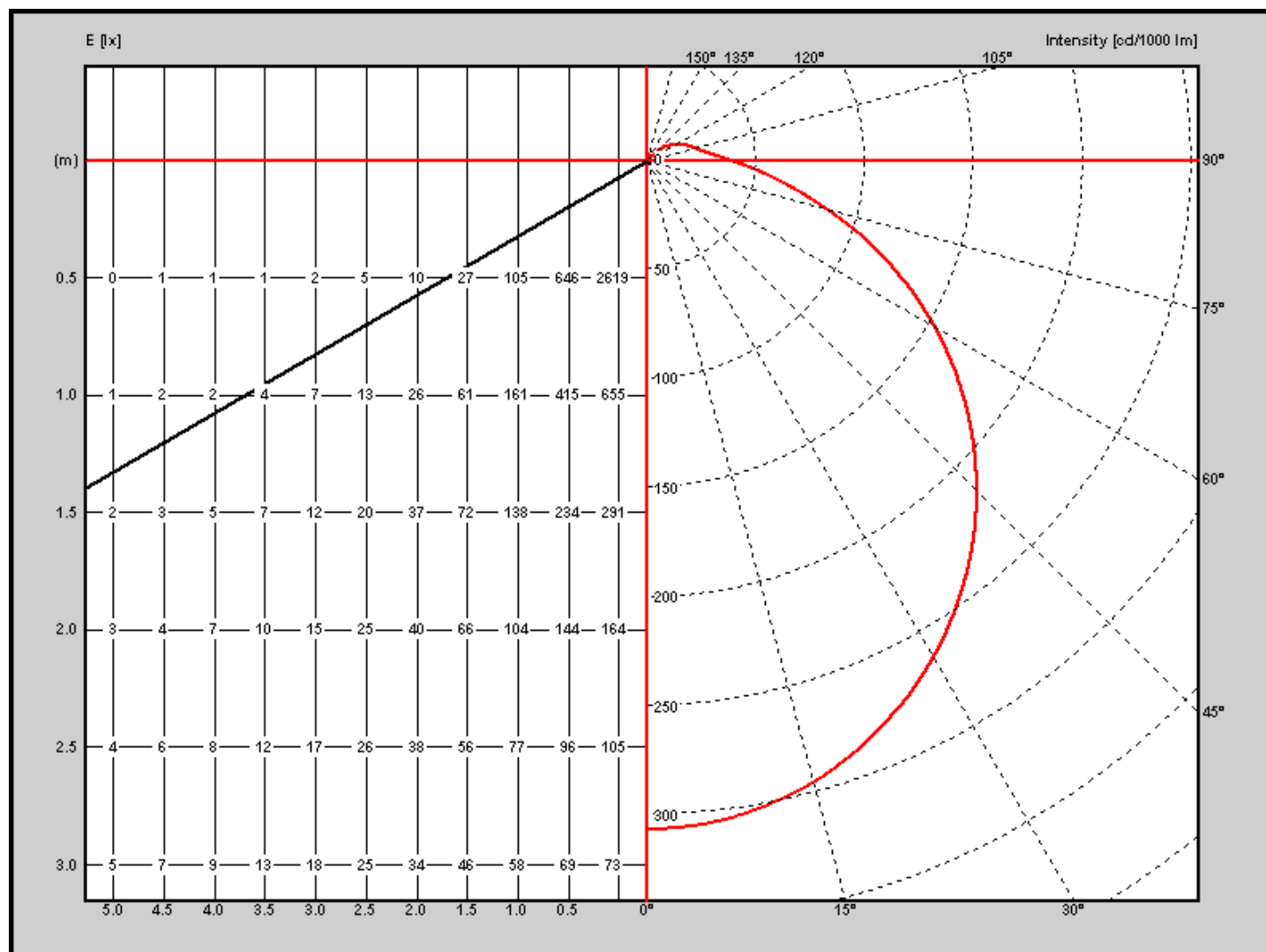
Polar diagram LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180



PHOTOMETRIC RESULTS

File Name:	LICHT 1392-QL16-S07 L700147		
Sample Number:	1392-QL16-S07		
Report Number:			
Model:	L700147		
Flux:	2138 lm	Flux 2	0.00 lm
Date:	04/04/2017 8.30.48		
Manufacturer:	LICHT		

Illuminance and Intensity diagram LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180



PHOTOMETRIC RESULTS

File Name:	LICHT 1392-QL16-S07 L700147		
Sample Number:	1392-QL16-S07		
Report Number:			
Model:	L700147		
Flux:	2138 lm	Flux 2	0.00 lm
Date:	04/04/2017 8.30.48		
Manufacturer:	LICHT		

Zonal flux LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

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	306.22	306.22	306.22	0	0	0.00	0.00
5.0	302.94	306.82	304.98	16	16	0.73	0.73
10.0	298.60	303.65	301.06	46	62	2.17	2.90
15.0	292.14	298.48	294.69	76	138	3.53	6.43
20.0	282.98	290.73	285.90	102	240	4.78	11.22
25.0	271.36	280.99	274.89	126	366	5.88	17.10
30.0	257.27	269.13	261.71	145	511	6.79	23.89
35.0	241.18	255.51	246.52	160	671	7.48	31.37
40.0	222.86	239.77	229.60	170	841	7.94	39.32
45.0	202.67	222.16	210.79	174	1015	8.15	47.47
50.0	181.06	203.37	190.66	173	1188	8.11	55.58
55.0	158.16	182.94	169.01	167	1356	7.82	63.40
60.0	133.51	161.57	146.36	156	1512	7.29	70.69
65.0	108.26	139.14	122.81	140	1651	6.54	77.24
70.0	82.43	116.36	98.85	120	1771	5.61	82.85
75.0	56.01	93.70	74.92	97	1869	4.54	87.39
80.0	31.03	73.29	53.03	73	1942	3.42	90.82
85.0	10.83	56.71	35.57	51	1993	2.41	93.22
90.0	0.23	43.70	24.02	35	2028	1.63	94.85
95.0	0.16	34.54	18.00	25	2053	1.15	96.00
100.0	0.11	28.58	14.71	19	2072	0.89	96.89
105.0	0.13	25.05	12.64	16	2087	0.73	97.63
110.0	0.16	22.16	10.80	13	2100	0.61	98.24
115.0	0.18	19.37	9.04	11	2111	0.50	98.74
120.0	0.16	16.66	7.29	8	2120	0.40	99.14
125.0	0.16	14.00	5.43	6	2126	0.29	99.43
130.0	0.18	11.53	3.52	4	2130	0.19	99.63
135.0	0.23	8.52	1.85	2	2132	0.11	99.73
140.0	0.39	5.41	1.03	1	2134	0.05	99.79
145.0	0.54	1.86	0.77	1	2134	0.03	99.82
150.0	0.73	2.24	1.05	1	2135	0.03	99.85
155.0	0.96	2.65	1.43	1	2136	0.03	99.88
160.0	1.24	3.05	2.06	1	2136	0.04	99.91

Zonal flux LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

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 [%]
165.0	1.53	3.17	2.29	1	2137	0.04	99.95
170.0	1.83	2.91	2.43	1	2138	0.03	99.98
175.0	2.07	2.67	2.42	0	2138	0.02	99.99
180.0	2.46	2.46	2.46	0	2138	0.01	100.00

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Report Number:			
Model:	L700147		
Flux:	2138 lm	Flux 2	0.00 lm
Date:	04/04/2017 8.30.48		
Manufacturer:	LICHT		

Intensity [cd/klm] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd/klm]	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	304.82	304.71	304.59	304.47	304.35	304.47	304.35	303.88
10.0	300.60	300.60	300.36	300.36	300.13	300.24	300.13	299.66
15.0	294.37	294.02	293.90	293.67	293.55	293.43	293.20	292.61
20.0	285.57	285.45	285.21	284.98	284.74	284.74	284.27	284.04
25.0	274.88	274.88	274.53	274.18	273.82	273.59	273.24	272.53
30.0	262.32	262.08	261.85	261.49	261.26	260.91	260.20	259.38
35.0	247.64	247.52	247.17	246.70	246.23	245.88	245.29	244.35
40.0	231.55	231.32	230.85	230.38	229.79	229.32	228.62	227.68
45.0	213.59	213.35	213.00	212.30	211.71	211.00	210.18	209.13
50.0	194.33	194.10	193.63	192.92	192.33	191.63	190.69	189.52
55.0	173.78	173.55	173.08	172.37	171.55	170.73	169.67	168.38
60.0	152.18	151.94	151.35	150.65	149.71	148.65	147.48	146.19
65.0	129.75	129.63	129.04	128.34	127.28	126.23	124.82	123.29
70.0	107.20	107.09	106.50	105.80	104.62	103.45	101.92	100.16
75.0	85.25	85.01	84.43	83.60	82.43	80.90	79.26	77.38
80.0	65.93	65.73	65.18	64.25	62.95	61.31	59.38	57.21
85.0	50.46	50.24	49.66	48.67	47.31	45.61	43.62	41.31
90.0	38.62	38.43	37.86	36.92	35.61	33.99	32.11	29.91
95.0	30.53	30.36	29.88	29.04	27.85	26.40	24.72	22.79
100.0	25.48	25.36	24.93	24.21	23.24	21.99	20.54	18.88
105.0	22.45	22.35	21.96	21.29	20.36	19.26	17.94	16.39
110.0	19.76	19.64	19.27	18.65	17.80	16.76	15.55	14.13
115.0	17.12	17.01	16.65	16.09	15.32	14.38	13.30	12.04
120.0	14.51	14.40	14.09	13.60	12.93	12.05	10.93	9.49
125.0	11.38	11.28	10.91	10.32	9.51	8.85	8.23	6.53
130.0	8.34	8.22	7.69	6.54	4.67	2.02	0.50	0.31
135.0	0.29	0.33	0.35	0.35	0.33	0.29	0.27	0.26
140.0	0.40	0.40	0.40	0.41	0.41	0.41	0.40	0.40
145.0	0.55	0.55	0.56	0.56	0.56	0.56	0.56	0.58
150.0	0.75	0.75	0.75	0.76	0.76	0.76	0.76	0.77
155.0	1.00	1.00	1.00	1.01	1.01	1.01	1.03	1.41
160.0	2.85	2.90	3.03	3.03	3.01	2.97	2.95	2.91
165.0	3.17	3.16	3.15	3.11	3.06	3.01	2.97	2.89
170.0	2.91	2.90	2.89	2.88	2.84	2.79	2.77	2.75
175.0	2.52	2.52	2.52	2.55	2.58	2.65	2.67	2.63
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

G/C [cd/klm]	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	303.30	303.41	304.00	304.71	305.06	305.29	305.06	304.35
10.0	299.19	299.07	299.42	300.24	300.71	300.95	300.60	300.01
15.0	292.14	292.14	292.61	293.08	293.55	293.90	293.55	292.96

Intensity [cd/klm] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd/klm]	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0
20.0	283.33	282.98	282.98	283.57	284.16	284.39	284.16	283.57
25.0	271.83	271.59	271.36	271.71	272.06	272.53	272.18	271.59
30.0	258.56	257.97	257.74	257.85	258.21	258.56	258.21	257.62
35.0	243.41	242.71	242.36	241.89	242.12	242.36	242.00	241.42
40.0	226.74	225.56	224.86	224.62	224.51	224.27	224.04	223.45
45.0	207.95	207.01	205.95	205.37	205.02	204.78	204.08	203.49
50.0	188.11	186.93	185.76	184.70	184.11	183.41	182.82	182.00
55.0	166.97	165.56	164.15	162.98	162.16	161.22	160.16	158.99
60.0	144.66	143.02	141.49	140.32	138.91	137.38	136.21	135.03
65.0	121.65	119.77	118.24	116.48	114.84	113.43	111.67	110.02
70.0	98.28	96.28	94.29	92.29	90.30	88.42	86.42	84.54
75.0	75.27	72.92	70.69	68.22	65.87	63.41	61.18	59.06
80.0	54.80	52.17	49.34	46.46	43.62	40.79	38.03	35.39
85.0	38.75	35.86	32.80	29.47	26.15	22.85	19.63	16.53
90.0	27.46	24.73	21.77	18.63	15.49	12.34	9.29	6.34
95.0	20.63	18.26	15.77	13.16	10.58	8.08	5.72	3.59
100.0	17.05	15.03	12.93	10.71	8.50	6.39	4.43	2.62
105.0	14.69	12.85	10.94	8.97	7.05	5.25	3.14	0.16
110.0	12.59	10.93	9.26	7.50	5.34	2.98	0.20	0.16
115.0	10.67	9.06	7.02	5.37	0.99	0.20	0.19	0.19
120.0	7.84	6.76	3.12	0.32	0.19	0.18	0.18	0.20
125.0	2.63	0.39	0.20	0.18	0.18	0.18	0.19	0.80
130.0	0.21	0.20	0.19	0.19	0.19	0.20	0.21	1.14
135.0	0.26	0.25	0.26	0.26	0.26	0.27	1.27	1.23
140.0	0.40	0.40	0.40	0.41	0.42	1.47	1.48	1.32
145.0	0.58	0.56	0.58	0.60	1.76	1.76	1.62	1.44
150.0	0.79	0.79	1.67	2.13	2.08	1.95	1.80	1.66
155.0	2.52	2.54	2.50	2.40	2.25	2.13	2.00	1.90
160.0	2.85	2.77	2.67	2.52	2.42	2.30	2.21	2.15
165.0	2.84	2.76	2.69	2.62	2.54	2.48	2.42	2.37
170.0	2.72	2.69	2.64	2.62	2.58	2.55	2.51	2.41
175.0	2.62	2.62	2.56	2.55	2.52	2.51	2.49	2.47
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

G/C [cd/klm]	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	304.24	304.59	305.06	305.53	305.17	304.94	304.47	304.24
10.0	300.01	300.36	300.83	300.95	300.83	300.83	300.48	300.48
15.0	292.85	293.32	293.90	294.14	293.90	294.02	294.02	293.90
20.0	283.33	283.69	284.27	284.63	284.74	284.86	284.98	284.98
25.0	271.48	271.71	272.18	272.88	272.88	273.12	273.24	273.71
30.0	257.27	257.38	257.85	258.56	258.68	259.03	259.50	260.09
35.0	241.18	241.30	241.65	242.12	242.59	242.94	243.76	244.59
40.0	223.10	222.86	223.22	223.92	224.39	224.98	226.03	227.09
45.0	202.90	202.67	203.02	203.72	204.31	205.25	206.42	207.83
50.0	181.53	181.06	181.30	182.35	183.06	184.11	185.29	186.70
55.0	158.40	158.16	158.28	158.99	160.04	161.34	162.86	164.62
60.0	134.09	133.51	133.62	134.56	135.97	137.62	139.61	141.61
65.0	108.85	108.26	108.38	109.44	110.96	112.96	115.19	117.30
70.0	83.25	82.43	82.43	83.37	85.25	87.48	90.06	92.64
75.0	57.30	56.13	56.01	57.18	59.30	61.88	64.82	67.87
80.0	33.16	31.46	31.03	32.22	34.62	37.60	41.00	44.43
85.0	13.81	11.70	10.96	12.24	14.83	18.08	21.82	25.61
90.0	3.69	1.63	0.23	1.82	4.23	7.20	10.61	14.16
95.0	1.76	0.59	0.21	0.16	1.57	3.92	6.52	9.28
100.0	0.27	0.29	0.34	0.11	0.70	2.36	4.70	7.16

Intensity [cd/klm] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd/klm]	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0
105.0	0.14	0.49	0.31	0.18	0.15	1.73	3.68	5.72
110.0	0.19	0.55	0.66	0.22	0.20	0.21	2.72	4.60
115.0	0.58	1.06	1.00	0.38	0.25	0.22	0.27	3.38
120.0	0.90	0.80	0.69	0.63	0.22	0.22	0.21	0.29
125.0	1.00	0.83	0.75	0.72	0.22	0.21	0.20	0.20
130.0	0.99	0.82	0.76	0.81	0.25	0.22	0.22	0.22
135.0	1.05	0.93	0.85	0.93	0.59	0.29	0.28	0.28
140.0	1.16	1.08	1.01	1.09	1.07	0.45	0.42	0.42
145.0	1.30	1.23	1.22	1.26	1.32	0.73	0.59	0.58
150.0	1.53	1.44	1.43	1.48	1.56	1.53	0.81	0.79
155.0	1.83	1.69	1.67	1.76	1.83	1.87	1.76	1.06
160.0	2.11	2.02	1.96	2.02	2.13	2.17	2.20	2.15
165.0	2.30	2.24	2.21	2.22	2.24	2.29	2.29	2.35
170.0	2.29	2.27	2.25	2.25	2.24	2.29	2.34	2.40
175.0	2.45	2.42	2.42	2.41	2.40	2.42	2.41	2.41
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

G/C [cd/klm]	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	304.12	304.24	304.59	304.82	305.06	305.29	305.53	305.76
10.0	300.36	300.60	300.95	301.30	301.65	302.12	302.24	302.47
15.0	294.02	294.49	294.84	295.31	295.66	296.25	296.72	297.19
20.0	285.33	285.80	286.39	287.09	287.68	288.38	288.85	289.44
25.0	274.06	274.65	275.58	276.52	277.23	277.93	278.76	279.34
30.0	260.67	261.61	262.79	263.84	265.02	265.84	266.78	267.25
35.0	245.17	246.11	247.52	248.58	250.10	251.16	252.34	253.28
40.0	228.03	229.32	230.85	232.26	233.78	234.96	236.13	237.19
45.0	209.01	210.53	212.18	213.94	215.47	216.87	218.17	219.34
50.0	188.34	190.10	192.10	193.86	195.86	197.38	198.79	200.20
55.0	166.38	168.50	170.61	172.61	174.49	176.25	177.89	179.42
60.0	143.60	145.84	148.07	150.30	152.41	154.41	156.17	157.81
65.0	119.65	122.12	124.70	126.93	129.16	131.39	133.51	135.27
70.0	95.35	98.05	100.75	103.33	105.80	108.26	110.37	112.25
75.0	70.80	73.86	76.79	79.61	82.31	84.78	87.24	89.24
80.0	47.83	51.17	54.40	57.52	60.55	63.36	65.94	68.17
85.0	29.39	33.09	36.66	40.11	43.36	46.37	49.03	51.34
90.0	17.75	21.22	24.66	27.90	31.00	33.82	36.39	38.64
95.0	12.13	14.98	17.86	20.63	23.31	25.71	27.97	29.95
100.0	9.58	12.07	14.50	16.83	19.07	21.10	22.98	24.63
105.0	7.84	10.05	12.26	14.41	16.46	18.29	20.00	21.49
110.0	6.47	8.35	10.34	12.31	14.17	15.88	17.45	18.86
115.0	5.08	6.96	8.72	10.40	12.08	13.63	15.08	16.33
120.0	3.57	5.33	7.07	8.72	10.22	11.53	12.79	13.91
125.0	0.27	2.47	5.48	6.63	8.15	9.50	10.65	11.62
130.0	0.21	0.25	0.55	4.27	6.38	7.16	8.18	9.19
135.0	0.28	0.28	0.29	0.35	0.60	3.57	6.07	7.16
140.0	0.42	0.42	0.42	0.42	0.43	0.47	0.53	0.63
145.0	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
150.0	0.77	0.77	0.80	0.79	0.79	0.77	0.77	0.77
155.0	1.03	1.02	1.01	1.01	1.02	1.05	1.03	1.03
160.0	1.41	1.33	1.30	1.30	1.30	1.30	1.30	1.29
165.0	2.44	2.48	1.96	1.61	1.59	1.57	1.57	1.56
170.0	2.40	2.42	2.49	2.54	2.59	2.61	2.69	2.59
175.0	2.41	2.41	2.43	2.41	2.38	2.40	2.44	2.57
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

Intensity [cd/klm] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd/klm]	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	306.00	306.11	306.47	306.82	306.58	306.47	306.35	306.11
10.0	302.83	303.06	303.30	303.53	303.65	303.53	303.41	303.18
15.0	297.66	297.78	298.13	298.48	298.36	298.25	298.01	297.78
20.0	289.91	290.15	290.50	290.73	290.61	290.50	290.38	290.03
25.0	280.05	280.28	280.75	280.99	280.87	280.99	280.75	280.40
30.0	267.84	268.30	268.77	269.13	269.13	268.89	268.42	268.19
35.0	254.10	254.45	254.92	255.27	255.51	255.39	255.04	254.45
40.0	238.25	238.83	239.30	239.77	239.77	239.65	239.30	238.72
45.0	220.51	221.22	221.69	221.92	222.16	221.92	221.57	221.22
50.0	201.26	202.20	202.78	203.14	203.37	203.37	202.90	202.20
55.0	180.59	181.65	182.35	182.82	182.94	182.82	182.35	181.65
60.0	159.22	160.28	160.98	161.45	161.57	161.34	160.87	160.16
65.0	136.56	137.73	138.56	139.03	139.14	138.91	138.44	137.62
70.0	113.78	114.95	115.78	116.25	116.36	116.13	115.66	114.84
75.0	90.88	92.17	93.00	93.58	93.70	93.47	92.88	92.06
80.0	70.10	71.54	72.54	73.18	73.29	73.08	72.50	71.47
85.0	53.32	54.85	55.90	56.53	56.71	56.49	55.81	54.75
90.0	40.52	41.95	42.95	43.57	43.70	43.48	42.85	41.83
95.0	31.61	32.90	33.86	34.40	34.54	34.30	33.75	32.82
100.0	26.06	27.17	27.93	28.43	28.58	28.43	27.92	27.15
105.0	22.76	23.73	24.46	24.89	25.05	24.90	24.46	23.77
110.0	20.02	20.92	21.58	22.00	22.16	22.00	21.59	20.97
115.0	17.43	18.27	18.86	19.23	19.37	19.22	18.87	18.27
120.0	14.88	15.65	16.22	16.57	16.66	16.54	16.22	15.65
125.0	12.46	13.13	13.60	13.91	14.00	13.89	13.61	13.10
130.0	10.04	10.70	11.14	11.46	11.53	11.46	11.21	10.79
135.0	7.62	7.97	8.25	8.45	8.52	8.47	8.33	8.08
140.0	1.81	3.51	4.63	5.24	5.41	5.23	4.65	3.58
145.0	0.60	0.61	0.60	0.59	0.58	0.56	0.58	0.58
150.0	0.76	0.76	0.76	0.76	0.75	0.75	0.75	0.75
155.0	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.00
160.0	1.29	1.29	1.29	1.29	1.29	1.29	1.28	1.28
165.0	1.56	1.55	1.54	1.53	1.53	1.53	1.53	1.53
170.0	2.37	2.11	1.96	1.88	1.83	1.83	1.88	2.02
175.0	2.59	2.63	2.65	2.63	2.62	2.63	2.63	2.63
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

G/C [cd/klm]	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	305.88	305.53	305.17	305.29	305.41	305.29	305.29	305.88
10.0	302.83	302.36	302.24	302.12	302.00	301.89	301.77	302.00
15.0	297.31	296.84	296.72	296.49	296.02	295.90	295.66	295.78
20.0	289.68	289.09	288.62	288.15	287.80	287.56	287.09	286.97
25.0	279.93	279.22	278.64	278.17	277.35	276.88	276.41	276.05
30.0	267.72	267.13	266.19	265.60	264.78	264.08	263.37	262.79
35.0	253.63	252.81	251.98	251.04	250.22	249.17	248.46	247.52
40.0	237.89	237.07	236.01	234.61	233.67	232.61	231.43	230.61
45.0	220.40	219.22	218.05	216.76	215.23	213.94	212.53	211.36
50.0	201.38	200.20	198.79	197.15	195.62	194.10	192.57	191.28
55.0	180.71	179.54	177.89	176.13	174.37	172.61	170.85	169.20
60.0	159.10	157.81	156.29	154.29	152.18	150.18	148.18	146.31
65.0	136.44	135.03	133.27	131.16	129.04	126.81	124.58	122.35
70.0	113.66	112.14	110.26	108.03	105.68	103.09	100.51	98.05
75.0	90.77	89.00	87.01	84.66	82.08	79.38	76.44	73.50
80.0	70.04	68.22	65.99	63.48	60.68	57.62	54.37	51.03

Intensity [cd/klm] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd/klm]	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0
85.0	53.26	51.35	49.03	46.40	43.47	40.23	36.74	33.03
90.0	40.40	38.56	36.34	33.83	31.06	27.97	24.66	21.15
95.0	31.53	29.88	27.93	25.75	23.33	20.68	17.87	14.95
100.0	26.03	24.63	22.99	21.14	19.09	16.87	14.50	12.05
105.0	22.77	21.53	20.06	18.36	16.49	14.43	12.31	10.07
110.0	20.04	18.86	17.48	15.92	14.20	12.34	10.43	8.45
115.0	17.40	16.32	15.06	13.64	12.11	10.46	8.81	7.17
120.0	14.85	13.89	12.79	11.57	10.24	8.85	7.41	5.53
125.0	12.45	11.66	10.74	9.68	8.47	7.00	5.57	2.71
130.0	10.22	9.43	8.48	7.47	6.62	4.51	0.68	0.27
135.0	7.75	7.32	6.32	3.87	0.68	0.38	0.29	0.27
140.0	1.95	0.59	0.49	0.43	0.41	0.40	0.39	0.39
145.0	0.56	0.56	0.55	0.55	0.54	0.55	0.55	0.58
150.0	0.75	0.75	0.75	0.75	0.75	0.76	0.76	0.75
155.0	1.01	1.01	1.01	1.02	1.00	0.99	0.97	0.96
160.0	1.28	1.27	1.27	1.27	1.27	1.27	1.26	1.24
165.0	1.53	1.53	1.54	1.54	1.54	1.55	1.75	2.38
170.0	2.24	2.48	2.63	2.62	2.59	2.59	2.55	2.37
175.0	2.63	2.63	2.63	2.62	2.61	2.54	2.48	2.43
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

G/C [cd/klm]	240.0	245.0	250.0	255.0	260.0	265.0	270.0	275.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	306.23	306.58	306.47	306.35	306.11	306.11	306.35	306.47
10.0	302.24	302.47	302.36	302.24	302.00	302.00	302.24	302.12
15.0	295.78	295.90	296.02	295.66	295.31	294.96	295.43	295.19
20.0	286.86	286.97	286.74	286.39	286.04	285.80	285.92	285.57
25.0	275.82	275.70	275.35	274.76	274.29	273.94	273.94	273.71
30.0	262.32	261.96	261.49	260.91	260.09	259.85	259.73	259.50
35.0	246.82	246.23	245.41	244.59	243.88	243.65	243.41	243.06
40.0	229.67	228.97	227.79	226.62	225.80	225.45	225.21	224.86
45.0	210.30	209.24	208.19	206.78	205.60	205.13	205.13	204.78
50.0	189.87	188.58	186.82	185.29	184.00	183.76	183.53	183.18
55.0	167.79	166.03	164.15	162.39	160.75	160.16	160.04	159.57
60.0	144.54	142.67	140.67	138.44	136.56	135.62	135.50	135.15
65.0	120.36	118.24	115.78	113.43	111.20	110.14	109.79	109.67
70.0	95.46	93.00	90.41	87.71	85.36	83.96	83.37	83.37
75.0	70.57	67.75	64.70	61.88	59.30	57.42	56.60	56.71
80.0	47.63	44.31	40.98	37.73	34.73	32.41	31.28	31.69
85.0	29.23	25.44	21.65	17.99	14.69	12.11	10.83	11.53
90.0	17.58	14.02	10.47	7.10	4.11	1.78	0.28	1.53
95.0	11.98	9.15	6.41	3.90	1.84	0.55	0.16	0.50
100.0	9.50	7.09	4.80	2.82	1.21	0.20	0.27	0.13
105.0	7.84	5.75	3.87	1.95	0.14	0.15	0.43	0.34
110.0	6.56	4.78	2.55	0.19	0.18	0.20	0.76	0.67
115.0	5.35	3.06	0.29	0.19	0.20	0.29	0.75	0.93
120.0	3.38	0.35	0.19	0.19	0.20	0.45	0.69	0.53
125.0	0.32	0.20	0.19	0.19	0.19	0.53	0.58	0.60
130.0	0.21	0.20	0.21	0.21	0.22	0.69	0.73	0.79
135.0	0.26	0.27	0.28	0.27	0.36	0.81	0.79	0.88
140.0	0.41	0.41	0.40	0.40	0.94	0.94	0.89	0.97
145.0	0.56	0.54	0.54	0.59	1.16	1.09	1.05	1.07
150.0	0.74	0.73	0.74	1.41	1.26	1.27	1.19	1.21
155.0	0.96	0.97	1.61	1.71	1.57	1.53	1.42	1.47
160.0	1.27	2.05	2.05	1.95	1.90	1.81	1.71	1.71
165.0	2.38	2.31	2.20	2.24	2.13	1.98	1.98	1.96

Intensity [cd/klm] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd/klm]	240.0	245.0	250.0	255.0	260.0	265.0	270.0	275.0
170.0	2.36	2.42	2.35	2.21	2.11	2.17	2.01	1.97
175.0	2.43	2.41	2.37	2.36	2.29	2.16	2.08	2.08
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

G/C [cd/klm]	280.0	285.0	290.0	295.0	300.0	305.0	310.0	315.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	306.35	305.76	304.71	303.77	303.53	303.65	303.65	303.30
10.0	302.00	301.42	300.48	299.42	299.19	299.07	298.95	298.72
15.0	294.96	294.37	293.32	292.61	292.49	292.49	292.49	292.38
20.0	285.45	284.63	283.80	283.22	283.10	283.22	283.10	282.98
25.0	273.47	273.00	272.06	271.36	271.59	271.83	271.94	271.83
30.0	259.26	258.56	257.85	257.50	257.62	257.97	258.21	258.44
35.0	242.82	242.12	241.65	241.53	241.89	242.24	242.71	243.18
40.0	224.62	224.04	223.69	224.04	224.51	225.33	225.68	226.27
45.0	204.43	203.96	203.84	204.55	205.25	205.95	206.78	207.48
50.0	182.82	182.59	182.82	183.76	184.58	185.64	186.46	187.52
55.0	159.34	159.57	160.28	161.45	162.39	163.45	164.62	165.91
60.0	135.15	135.74	136.79	137.97	139.38	140.55	141.96	143.37
65.0	110.02	110.96	112.37	113.90	115.42	116.83	118.36	120.12
70.0	84.07	85.60	87.36	89.00	90.88	92.64	94.64	96.64
75.0	58.01	59.88	62.00	64.23	66.46	68.69	71.04	73.39
80.0	33.35	35.66	38.28	41.01	43.83	46.62	49.40	52.10
85.0	13.63	16.46	19.63	22.91	26.28	29.53	32.68	35.70
90.0	3.57	6.19	9.17	12.28	15.50	18.63	21.62	24.48
95.0	1.59	3.41	5.65	8.07	10.63	13.17	15.69	18.11
100.0	0.16	1.64	4.26	6.29	8.48	10.67	12.81	14.88
105.0	0.13	0.15	2.85	4.93	6.95	8.90	10.84	12.69
110.0	0.19	0.16	0.20	2.61	5.00	7.30	9.11	10.80
115.0	0.42	0.18	0.18	0.20	1.08	5.19	7.08	8.94
120.0	0.61	0.19	0.16	0.18	0.18	0.33	3.23	6.89
125.0	0.77	0.54	0.19	0.18	0.16	0.16	0.19	0.38
130.0	0.94	1.01	0.23	0.20	0.19	0.18	0.18	0.18
135.0	1.02	1.16	1.19	0.28	0.26	0.26	0.25	0.23
140.0	1.08	1.27	1.44	1.49	0.40	0.40	0.39	0.39
145.0	1.16	1.34	1.54	1.74	1.86	0.58	0.55	0.55
150.0	1.33	1.47	1.67	1.91	2.14	2.24	1.70	0.76
155.0	1.60	1.71	1.88	2.07	2.27	2.42	2.54	2.61
160.0	1.87	1.97	2.09	2.22	2.37	2.50	2.65	2.75
165.0	2.09	2.16	2.23	2.29	2.38	2.58	2.70	2.77
170.0	1.96	1.98	2.00	2.04	2.13	2.23	2.29	2.41
175.0	2.08	2.09	2.07	2.07	2.08	2.09	2.10	2.11
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

G/C [cd/klm]	320.0	325.0	330.0	335.0	340.0	345.0	350.0	355.0
0.0	306.22	306.22	306.22	306.22	306.22	306.22	306.22	306.22
5.0	302.94	303.06	303.30	303.65	303.88	304.24	304.47	304.71
10.0	298.60	298.83	299.30	299.30	299.54	300.01	300.36	300.71
15.0	292.38	292.61	292.73	292.85	293.20	293.55	294.02	294.37
20.0	282.98	283.45	283.80	284.04	284.39	284.86	285.21	285.57
25.0	272.06	272.41	272.88	273.24	273.71	274.18	274.65	274.88
30.0	258.79	259.50	259.97	260.44	260.79	261.38	261.85	262.20
35.0	243.76	244.59	245.17	245.64	246.23	246.70	247.29	247.64
40.0	226.97	227.91	228.62	229.20	229.79	230.50	231.08	231.43
45.0	208.54	209.36	210.30	211.12	211.83	212.53	213.23	213.59
50.0	188.58	189.75	190.69	191.75	192.57	193.39	193.98	194.21

Intensity [cd/klm] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd/klm]	320.0	325.0	330.0	335.0	340.0	345.0	350.0	355.0
55.0	167.21	168.50	169.67	170.85	171.90	172.72	173.43	173.78
60.0	144.90	146.42	147.83	149.01	150.06	151.00	151.71	152.18
65.0	121.88	123.53	125.05	126.34	127.64	128.69	129.28	129.75
70.0	98.63	100.51	102.27	103.80	104.97	106.03	106.73	107.09
75.0	75.62	77.73	79.73	81.37	82.78	83.84	84.66	85.13
80.0	54.74	57.21	59.47	61.40	63.01	64.26	65.24	65.80
85.0	38.58	41.24	43.66	45.70	47.36	48.72	49.72	50.33
90.0	27.25	29.78	32.08	34.05	35.66	36.96	37.90	38.44
95.0	20.45	22.65	24.66	26.41	27.85	29.04	29.84	30.35
100.0	16.90	18.78	20.49	21.99	23.21	24.20	24.90	25.34
105.0	14.56	16.27	17.87	19.23	20.37	21.25	21.92	22.32
110.0	12.47	14.02	15.46	16.74	17.77	18.63	19.25	19.61
115.0	10.54	11.95	13.24	14.37	15.32	16.09	16.63	16.98
120.0	8.18	9.55	10.93	12.06	12.93	13.60	14.08	14.40
125.0	2.70	6.55	8.41	9.12	9.68	10.38	10.88	11.25
130.0	0.20	0.28	0.42	1.95	4.56	6.47	7.60	8.14
135.0	0.23	0.25	0.26	0.26	0.27	0.27	0.26	0.27
140.0	0.39	0.39	0.40	0.40	0.40	0.40	0.40	0.40
145.0	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
150.0	0.76	0.76	0.76	0.76	0.76	0.76	0.75	0.76
155.0	2.65	1.43	1.02	1.01	1.01	1.01	1.01	1.00
160.0	2.87	2.94	2.98	3.02	3.03	3.05	3.04	2.91
165.0	2.87	2.92	3.01	3.06	3.09	3.12	3.15	3.16
170.0	2.58	2.69	2.72	2.76	2.81	2.83	2.89	2.91
175.0	2.09	2.08	2.11	2.14	2.24	2.47	2.54	2.54
180.0	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46

PHOTOMETRIC RESULTS

File Name:	LICHT 1392-QL16-S07 L700147		
Sample Number:	1392-QL16-S07		
Report Number:			
Model:	L700147		
Flux:	2138 lm	Flux 2	0.00 lm
Date:	04/04/2017 8.30.48		
Manufacturer:	LICHT		

Intensity [cd] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd]	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	651.8	651.5	651.3	651.0	650.8	651.0	650.8	649.8
10.0	642.7	642.7	642.2	642.2	641.7	642.0	641.7	640.7
15.0	629.4	628.7	628.4	627.9	627.7	627.4	626.9	625.7
20.0	610.6	610.3	609.8	609.3	608.8	608.8	607.8	607.3
25.0	587.7	587.7	587.0	586.2	585.5	585.0	584.2	582.7
30.0	560.9	560.4	559.9	559.1	558.6	557.9	556.4	554.6
35.0	529.5	529.2	528.5	527.5	526.5	525.7	524.5	522.5
40.0	495.1	494.6	493.6	492.6	491.3	490.3	488.8	486.8
45.0	456.7	456.2	455.4	453.9	452.7	451.2	449.4	447.1
50.0	415.5	415.0	414.0	412.5	411.2	409.7	407.7	405.2
55.0	371.6	371.1	370.1	368.6	366.8	365.0	362.8	360.0
60.0	325.4	324.9	323.6	322.1	320.1	317.8	315.3	312.6
65.0	277.4	277.2	275.9	274.4	272.2	269.9	266.9	263.6
70.0	229.2	229.0	227.7	226.2	223.7	221.2	217.9	214.2
75.0	182.3	181.8	180.5	178.8	176.2	173.0	169.5	165.5
80.0	141.0	140.5	139.4	137.4	134.6	131.1	127.0	122.3
85.0	107.9	107.4	106.2	104.1	101.2	97.5	93.3	88.3
90.0	82.6	82.2	80.9	78.9	76.1	72.7	68.7	63.9
95.0	65.3	64.9	63.9	62.1	59.6	56.4	52.8	48.7
100.0	54.5	54.2	53.3	51.8	49.7	47.0	43.9	40.4
105.0	48.0	47.8	46.9	45.5	43.5	41.2	38.4	35.0
110.0	42.3	42.0	41.2	39.9	38.1	35.8	33.2	30.2
115.0	36.6	36.4	35.6	34.4	32.8	30.8	28.4	25.7
120.0	31.0	30.8	30.1	29.1	27.6	25.8	23.4	20.3
125.0	24.3	24.1	23.3	22.1	20.3	18.9	17.6	14.0
130.0	17.8	17.6	16.4	14.0	10.0	4.3	1.1	0.7
135.0	0.6	0.7	0.8	0.8	0.7	0.6	0.6	0.6
140.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
155.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	3.0
160.0	6.1	6.2	6.5	6.5	6.4	6.4	6.3	6.2
165.0	6.8	6.8	6.7	6.7	6.6	6.4	6.4	6.2
170.0	6.2	6.2	6.2	6.2	6.1	6.0	5.9	5.9
175.0	5.4	5.4	5.4	5.4	5.5	5.7	5.7	5.6
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	648.5	648.7	650.0	651.5	652.3	652.8	652.3	650.8
10.0	639.7	639.5	640.2	642.0	643.0	643.5	642.7	641.5
15.0	624.6	624.6	625.7	626.7	627.7	628.4	627.7	626.4
20.0	605.8	605.1	605.1	606.3	607.6	608.1	607.6	606.3
25.0	581.2	580.7	580.2	581.0	581.7	582.7	582.0	580.7

Intensity [cd] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd]	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0
30.0	552.8	551.6	551.1	551.3	552.1	552.8	552.1	550.8
35.0	520.5	518.9	518.2	517.2	517.7	518.2	517.4	516.2
40.0	484.8	482.3	480.8	480.3	480.0	479.5	479.0	477.8
45.0	444.6	442.6	440.4	439.1	438.4	437.9	436.3	435.1
50.0	402.2	399.7	397.2	394.9	393.7	392.2	390.9	389.1
55.0	357.0	354.0	351.0	348.5	346.7	344.7	342.5	339.9
60.0	309.3	305.8	302.5	300.0	297.0	293.7	291.2	288.7
65.0	260.1	256.1	252.8	249.1	245.5	242.5	238.8	235.2
70.0	210.1	205.9	201.6	197.3	193.1	189.1	184.8	180.8
75.0	160.9	155.9	151.1	145.9	140.8	135.6	130.8	126.3
80.0	117.2	111.5	105.5	99.3	93.3	87.2	81.3	75.7
85.0	82.9	76.7	70.1	63.0	55.9	48.9	42.0	35.3
90.0	58.7	52.9	46.5	39.8	33.1	26.4	19.9	13.6
95.0	44.1	39.0	33.7	28.1	22.6	17.3	12.2	7.7
100.0	36.5	32.1	27.6	22.9	18.2	13.7	9.5	5.6
105.0	31.4	27.5	23.4	19.2	15.1	11.2	6.7	0.4
110.0	26.9	23.4	19.8	16.0	11.4	6.4	0.4	0.4
115.0	22.8	19.4	15.0	11.5	2.1	0.4	0.4	0.4
120.0	16.8	14.5	6.7	0.7	0.4	0.4	0.4	0.4
125.0	5.6	0.8	0.4	0.4	0.4	0.4	0.4	1.7
130.0	0.5	0.4	0.4	0.4	0.4	0.4	0.5	2.4
135.0	0.6	0.5	0.6	0.6	0.6	0.6	2.7	2.6
140.0	0.9	0.9	0.9	0.9	0.9	3.1	3.2	2.8
145.0	1.2	1.2	1.2	1.3	3.8	3.8	3.5	3.1
150.0	1.7	1.7	3.6	4.5	4.4	4.2	3.8	3.5
155.0	5.4	5.4	5.3	5.1	4.8	4.5	4.3	4.1
160.0	6.1	5.9	5.7	5.4	5.2	4.9	4.7	4.6
165.0	6.1	5.9	5.7	5.6	5.4	5.3	5.2	5.1
170.0	5.8	5.7	5.6	5.6	5.5	5.4	5.4	5.1
175.0	5.6	5.6	5.5	5.4	5.4	5.4	5.3	5.3
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	650.5	651.3	652.3	653.3	652.5	652.0	651.0	650.5
10.0	641.5	642.2	643.2	643.5	643.2	643.2	642.5	642.5
15.0	626.2	627.2	628.4	628.9	628.4	628.7	628.7	628.4
20.0	605.8	606.6	607.8	608.6	608.8	609.1	609.3	609.3
25.0	580.5	581.0	582.0	583.5	583.5	584.0	584.2	585.2
30.0	550.1	550.3	551.3	552.8	553.1	553.8	554.9	556.1
35.0	515.7	515.9	516.7	517.7	518.7	519.5	521.2	523.0
40.0	477.0	476.5	477.3	478.8	479.8	481.0	483.3	485.6
45.0	433.8	433.3	434.1	435.6	436.9	438.9	441.4	444.4
50.0	388.1	387.1	387.6	389.9	391.4	393.7	396.2	399.2
55.0	338.7	338.2	338.4	339.9	342.2	345.0	348.2	352.0
60.0	286.7	285.5	285.7	287.7	290.7	294.2	298.5	302.8
65.0	232.7	231.5	231.7	234.0	237.3	241.5	246.3	250.8
70.0	178.0	176.2	176.2	178.3	182.3	187.0	192.6	198.1
75.0	122.5	120.0	119.8	122.3	126.8	132.3	138.6	145.1
80.0	70.9	67.3	66.4	68.9	74.0	80.4	87.7	95.0
85.0	29.5	25.0	23.4	26.2	31.7	38.7	46.6	54.8
90.0	7.9	3.5	0.5	3.9	9.0	15.4	22.7	30.3
95.0	3.8	1.3	0.5	0.4	3.4	8.4	13.9	19.8
100.0	0.6	0.6	0.7	0.2	1.5	5.0	10.0	15.3
105.0	0.3	1.1	0.7	0.4	0.3	3.7	7.9	12.2
110.0	0.4	1.2	1.4	0.5	0.4	0.5	5.8	9.8
115.0	1.2	2.3	2.1	0.8	0.5	0.5	0.6	7.2
120.0	1.9	1.7	1.5	1.4	0.5	0.5	0.5	0.6

Intensity [cd] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd]	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0
125.0	2.1	1.8	1.6	1.5	0.5	0.5	0.4	0.4
130.0	2.1	1.8	1.6	1.7	0.5	0.5	0.5	0.5
135.0	2.2	2.0	1.8	2.0	1.3	0.6	0.6	0.6
140.0	2.5	2.3	2.2	2.3	2.3	1.0	0.9	0.9
145.0	2.8	2.6	2.6	2.7	2.8	1.6	1.3	1.2
150.0	3.3	3.1	3.1	3.2	3.3	3.3	1.7	1.7
155.0	3.9	3.6	3.6	3.8	3.9	4.0	3.8	2.3
160.0	4.5	4.3	4.2	4.3	4.5	4.6	4.7	4.6
165.0	4.9	4.8	4.7	4.7	4.8	4.9	4.9	5.0
170.0	4.9	4.8	4.8	4.8	4.8	4.9	5.0	5.1
175.0	5.2	5.2	5.2	5.1	5.1	5.2	5.1	5.1
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	650.3	650.5	651.3	651.8	652.3	652.8	653.3	653.8
10.0	642.2	642.7	643.5	644.2	645.0	646.0	646.2	646.7
15.0	628.7	629.7	630.4	631.4	632.2	633.4	634.4	635.4
20.0	610.1	611.1	612.3	613.9	615.1	616.6	617.6	618.9
25.0	586.0	587.2	589.2	591.3	592.8	594.3	596.0	597.3
30.0	557.4	559.4	561.9	564.1	566.7	568.4	570.4	571.4
35.0	524.2	526.2	529.2	531.5	534.8	537.0	539.5	541.5
40.0	487.6	490.3	493.6	496.6	499.9	502.4	504.9	507.1
45.0	446.9	450.2	453.7	457.4	460.7	463.7	466.5	469.0
50.0	402.7	406.5	410.7	414.5	418.8	422.0	425.1	428.1
55.0	355.8	360.3	364.8	369.1	373.1	376.8	380.4	383.6
60.0	307.1	311.8	316.6	321.4	325.9	330.1	333.9	337.4
65.0	255.8	261.1	266.6	271.4	276.2	280.9	285.5	289.2
70.0	203.9	209.6	215.4	220.9	226.2	231.5	236.0	240.0
75.0	151.4	157.9	164.2	170.2	176.0	181.3	186.5	190.8
80.0	102.3	109.4	116.3	123.0	129.5	135.5	141.0	145.8
85.0	62.8	70.7	78.4	85.8	92.7	99.1	104.8	109.8
90.0	38.0	45.4	52.7	59.7	66.3	72.3	77.8	82.6
95.0	25.9	32.0	38.2	44.1	49.8	55.0	59.8	64.0
100.0	20.5	25.8	31.0	36.0	40.8	45.1	49.1	52.7
105.0	16.8	21.5	26.2	30.8	35.2	39.1	42.8	45.9
110.0	13.8	17.9	22.1	26.3	30.3	33.9	37.3	40.3
115.0	10.9	14.9	18.7	22.2	25.8	29.1	32.2	34.9
120.0	7.6	11.4	15.1	18.7	21.8	24.7	27.3	29.8
125.0	0.6	5.3	11.7	14.2	17.4	20.3	22.8	24.9
130.0	0.5	0.5	1.2	9.1	13.6	15.3	17.5	19.7
135.0	0.6	0.6	0.6	0.8	1.3	7.6	13.0	15.3
140.0	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.4
145.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
150.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
155.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
160.0	3.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
165.0	5.2	5.3	4.2	3.4	3.4	3.4	3.4	3.3
170.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.5
175.0	5.1	5.1	5.2	5.1	5.1	5.1	5.2	5.5
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	654.3	654.5	655.3	656.0	655.5	655.3	655.0	654.5
10.0	647.5	648.0	648.5	649.0	649.3	649.0	648.7	648.2
15.0	636.4	636.7	637.5	638.2	638.0	637.7	637.2	636.7
20.0	619.9	620.4	621.1	621.6	621.4	621.1	620.9	620.1

Intensity [cd] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd]	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
25.0	598.8	599.3	600.3	600.8	600.5	600.8	600.3	599.5
30.0	572.7	573.7	574.7	575.4	575.4	574.9	573.9	573.4
35.0	543.3	544.1	545.1	545.8	546.3	546.1	545.3	544.1
40.0	509.4	510.7	511.7	512.7	512.7	512.4	511.7	510.4
45.0	471.5	473.0	474.0	474.5	475.0	474.5	473.8	473.0
50.0	430.3	432.3	433.6	434.3	434.8	434.8	433.8	432.3
55.0	386.1	388.4	389.9	390.9	391.2	390.9	389.9	388.4
60.0	340.4	342.7	344.2	345.2	345.5	345.0	344.0	342.5
65.0	292.0	294.5	296.3	297.3	297.5	297.0	296.0	294.2
70.0	243.3	245.8	247.5	248.6	248.8	248.3	247.3	245.5
75.0	194.3	197.1	198.8	200.1	200.3	199.8	198.6	196.8
80.0	149.9	153.0	155.1	156.5	156.7	156.3	155.0	152.8
85.0	114.0	117.3	119.5	120.9	121.3	120.8	119.3	117.1
90.0	86.6	89.7	91.8	93.2	93.4	93.0	91.6	89.4
95.0	67.6	70.3	72.4	73.6	73.9	73.3	72.2	70.2
100.0	55.7	58.1	59.7	60.8	61.1	60.8	59.7	58.0
105.0	48.7	50.7	52.3	53.2	53.6	53.3	52.3	50.8
110.0	42.8	44.7	46.1	47.0	47.4	47.0	46.2	44.8
115.0	37.3	39.1	40.3	41.1	41.4	41.1	40.3	39.1
120.0	31.8	33.5	34.7	35.4	35.6	35.4	34.7	33.5
125.0	26.6	28.1	29.1	29.8	29.9	29.7	29.1	28.0
130.0	21.5	22.9	23.8	24.5	24.7	24.5	24.0	23.1
135.0	16.3	17.0	17.6	18.1	18.2	18.1	17.8	17.3
140.0	3.9	7.5	9.9	11.2	11.6	11.2	9.9	7.7
145.0	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
150.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
155.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1
160.0	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7
165.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
170.0	5.1	4.5	4.2	4.0	3.9	3.9	4.0	4.3
175.0	5.5	5.6	5.7	5.6	5.6	5.6	5.6	5.6
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	654.0	653.3	652.5	652.8	653.0	652.8	652.8	654.0
10.0	647.5	646.5	646.2	646.0	645.7	645.5	645.2	645.7
15.0	635.7	634.7	634.4	633.9	632.9	632.7	632.2	632.4
20.0	619.4	618.1	617.1	616.1	615.4	614.9	613.9	613.6
25.0	598.5	597.0	595.8	594.8	593.0	592.0	591.0	590.3
30.0	572.4	571.2	569.2	567.9	566.1	564.6	563.1	561.9
35.0	542.3	540.5	538.8	536.8	535.0	532.8	531.3	529.2
40.0	508.7	506.9	504.6	501.6	499.6	497.4	494.8	493.1
45.0	471.2	468.7	466.2	463.5	460.2	457.4	454.4	451.9
50.0	430.6	428.1	425.1	421.5	418.3	415.0	411.7	409.0
55.0	386.4	383.9	380.4	376.6	372.8	369.1	365.3	361.8
60.0	340.2	337.4	334.2	329.9	325.4	321.1	316.8	312.8
65.0	291.7	288.7	285.0	280.4	275.9	271.1	266.4	261.6
70.0	243.0	239.8	235.7	231.0	226.0	220.4	214.9	209.6
75.0	194.1	190.3	186.0	181.0	175.5	169.7	163.4	157.2
80.0	149.8	145.9	141.1	135.7	129.7	123.2	116.2	109.1
85.0	113.9	109.8	104.8	99.2	92.9	86.0	78.6	70.6
90.0	86.4	82.4	77.7	72.3	66.4	59.8	52.7	45.2
95.0	67.4	63.9	59.7	55.1	49.9	44.2	38.2	32.0
100.0	55.7	52.7	49.2	45.2	40.8	36.1	31.0	25.8
105.0	48.7	46.0	42.9	39.3	35.2	30.9	26.3	21.5
110.0	42.9	40.3	37.4	34.0	30.4	26.4	22.3	18.1
115.0	37.2	34.9	32.2	29.2	25.9	22.4	18.8	15.3

Intensity [cd] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd]	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0
120.0	31.8	29.7	27.3	24.7	21.9	18.9	15.8	11.8
125.0	26.6	24.9	23.0	20.7	18.1	15.0	11.9	5.8
130.0	21.8	20.2	18.1	16.0	14.2	9.6	1.5	0.6
135.0	16.6	15.6	13.5	8.3	1.5	0.8	0.6	0.6
140.0	4.2	1.3	1.1	0.9	0.9	0.9	0.8	0.8
145.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
155.0	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
160.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
165.0	3.3	3.3	3.3	3.3	3.3	3.3	3.7	5.1
170.0	4.8	5.3	5.6	5.6	5.5	5.5	5.4	5.1
175.0	5.6	5.6	5.6	5.6	5.6	5.4	5.3	5.2
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	240.0	245.0	250.0	255.0	260.0	265.0	270.0	275.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	654.8	655.5	655.3	655.0	654.5	654.5	655.0	655.3
10.0	646.2	646.7	646.5	646.2	645.7	645.7	646.2	646.0
15.0	632.4	632.7	632.9	632.2	631.4	630.7	631.7	631.2
20.0	613.3	613.6	613.1	612.3	611.6	611.1	611.3	610.6
25.0	589.7	589.5	588.7	587.5	586.5	585.7	585.7	585.2
30.0	560.9	560.1	559.1	557.9	556.1	555.6	555.4	554.9
35.0	527.7	526.5	524.7	523.0	521.5	521.0	520.5	519.7
40.0	491.1	489.6	487.1	484.6	482.8	482.0	481.5	480.8
45.0	449.7	447.4	445.1	442.1	439.6	438.6	438.6	437.9
50.0	406.0	403.2	399.4	396.2	393.4	392.9	392.4	391.7
55.0	358.8	355.0	351.0	347.2	343.7	342.5	342.2	341.2
60.0	309.1	305.0	300.8	296.0	292.0	290.0	289.7	289.0
65.0	257.3	252.8	247.5	242.5	237.8	235.5	234.7	234.5
70.0	204.1	198.8	193.3	187.5	182.5	179.5	178.3	178.3
75.0	150.9	144.9	138.3	132.3	126.8	122.8	121.0	121.3
80.0	101.8	94.8	87.6	80.7	74.3	69.3	66.9	67.8
85.0	62.5	54.4	46.3	38.5	31.4	25.9	23.1	24.7
90.0	37.6	30.0	22.4	15.2	8.8	3.8	0.6	3.3
95.0	25.6	19.6	13.7	8.3	3.9	1.2	0.4	1.1
100.0	20.3	15.2	10.3	6.0	2.6	0.4	0.6	0.3
105.0	16.8	12.3	8.3	4.2	0.3	0.3	0.9	0.7
110.0	14.0	10.2	5.4	0.4	0.4	0.4	1.6	1.4
115.0	11.4	6.6	0.6	0.4	0.4	0.6	1.6	2.0
120.0	7.2	0.8	0.4	0.4	0.4	1.0	1.5	1.1
125.0	0.7	0.4	0.4	0.4	0.4	1.1	1.2	1.3
130.0	0.5	0.4	0.5	0.5	0.5	1.5	1.6	1.7
135.0	0.6	0.6	0.6	0.6	0.8	1.7	1.7	1.9
140.0	0.9	0.9	0.9	0.9	2.0	2.0	1.9	2.1
145.0	1.2	1.2	1.2	1.3	2.5	2.3	2.2	2.3
150.0	1.6	1.6	1.6	3.0	2.7	2.7	2.5	2.6
155.0	2.1	2.1	3.4	3.7	3.4	3.3	3.0	3.1
160.0	2.7	4.4	4.4	4.2	4.1	3.9	3.7	3.7
165.0	5.1	4.9	4.7	4.8	4.5	4.2	4.2	4.2
170.0	5.0	5.2	5.0	4.7	4.5	4.6	4.3	4.2
175.0	5.2	5.1	5.1	5.0	4.9	4.6	4.4	4.4
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	280.0	285.0	290.0	295.0	300.0	305.0	310.0	315.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	655.0	653.8	651.5	649.5	649.0	649.3	649.3	648.5
10.0	645.7	644.5	642.5	640.2	639.7	639.5	639.2	638.7
15.0	630.7	629.4	627.2	625.7	625.4	625.4	625.4	625.1

Intensity [cd] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd]	280.0	285.0	290.0	295.0	300.0	305.0	310.0	315.0
20.0	610.3	608.6	606.8	605.6	605.3	605.6	605.3	605.1
25.0	584.7	583.7	581.7	580.2	580.7	581.2	581.5	581.2
30.0	554.3	552.8	551.3	550.6	550.8	551.6	552.1	552.6
35.0	519.2	517.7	516.7	516.4	517.2	517.9	518.9	520.0
40.0	480.3	479.0	478.3	479.0	480.0	481.8	482.5	483.8
45.0	437.1	436.1	435.8	437.4	438.9	440.4	442.1	443.6
50.0	390.9	390.4	390.9	392.9	394.7	396.9	398.7	400.9
55.0	340.7	341.2	342.7	345.2	347.2	349.5	352.0	354.8
60.0	289.0	290.2	292.5	295.0	298.0	300.5	303.5	306.5
65.0	235.2	237.3	240.3	243.5	246.8	249.8	253.1	256.8
70.0	179.8	183.0	186.8	190.3	194.3	198.1	202.4	206.6
75.0	124.0	128.0	132.6	137.3	142.1	146.9	151.9	156.9
80.0	71.3	76.2	81.8	87.7	93.7	99.7	105.6	111.4
85.0	29.1	35.2	42.0	49.0	56.2	63.1	69.9	76.3
90.0	7.6	13.2	19.6	26.3	33.1	39.8	46.2	52.3
95.0	3.4	7.3	12.1	17.2	22.7	28.2	33.5	38.7
100.0	0.4	3.5	9.1	13.5	18.1	22.8	27.4	31.8
105.0	0.3	0.3	6.1	10.5	14.9	19.0	23.2	27.1
110.0	0.4	0.4	0.4	5.6	10.7	15.6	19.5	23.1
115.0	0.9	0.4	0.4	0.4	2.3	11.1	15.1	19.1
120.0	1.3	0.4	0.4	0.4	0.4	0.7	6.9	14.7
125.0	1.7	1.2	0.4	0.4	0.4	0.4	0.4	0.8
130.0	2.0	2.2	0.5	0.4	0.4	0.4	0.4	0.4
135.0	2.2	2.5	2.5	0.6	0.6	0.6	0.5	0.5
140.0	2.3	2.7	3.1	3.2	0.9	0.9	0.8	0.8
145.0	2.5	2.9	3.3	3.7	4.0	1.2	1.2	1.2
150.0	2.8	3.1	3.6	4.1	4.6	4.8	3.6	1.6
155.0	3.4	3.7	4.0	4.4	4.8	5.2	5.4	5.6
160.0	4.0	4.2	4.5	4.7	5.1	5.3	5.7	5.9
165.0	4.5	4.6	4.8	4.9	5.1	5.5	5.8	5.9
170.0	4.2	4.2	4.3	4.4	4.5	4.8	4.9	5.1
175.0	4.4	4.5	4.4	4.4	4.4	4.5	4.5	4.5
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

G/C [cd]	320.0	325.0	330.0	335.0	340.0	345.0	350.0	355.0
0.0	654.8	654.8	654.8	654.8	654.8	654.8	654.8	654.8
5.0	647.7	648.0	648.5	649.3	649.8	650.5	651.0	651.5
10.0	638.5	639.0	640.0	640.0	640.5	641.5	642.2	643.0
15.0	625.1	625.7	625.9	626.2	626.9	627.7	628.7	629.4
20.0	605.1	606.1	606.8	607.3	608.1	609.1	609.8	610.6
25.0	581.7	582.5	583.5	584.2	585.2	586.2	587.2	587.7
30.0	553.3	554.9	555.9	556.9	557.6	558.9	559.9	560.6
35.0	521.2	523.0	524.2	525.2	526.5	527.5	528.7	529.5
40.0	485.3	487.3	488.8	490.1	491.3	492.8	494.1	494.8
45.0	445.9	447.6	449.7	451.4	452.9	454.4	455.9	456.7
50.0	403.2	405.7	407.7	410.0	411.7	413.5	414.8	415.3
55.0	357.5	360.3	362.8	365.3	367.6	369.3	370.8	371.6
60.0	309.8	313.1	316.1	318.6	320.9	322.9	324.4	325.4
65.0	260.6	264.1	267.4	270.1	272.9	275.2	276.4	277.4
70.0	210.9	214.9	218.7	221.9	224.5	226.7	228.2	229.0
75.0	161.7	166.2	170.5	174.0	177.0	179.3	181.0	182.0
80.0	117.0	122.3	127.2	131.3	134.7	137.4	139.5	140.7
85.0	82.5	88.2	93.3	97.7	101.3	104.2	106.3	107.6
90.0	58.3	63.7	68.6	72.8	76.2	79.0	81.0	82.2
95.0	43.7	48.4	52.7	56.5	59.6	62.1	63.8	64.9
100.0	36.1	40.1	43.8	47.0	49.6	51.7	53.3	54.2
105.0	31.1	34.8	38.2	41.1	43.6	45.4	46.9	47.7
110.0	26.7	30.0	33.1	35.8	38.0	39.8	41.1	41.9

Intensity [cd] LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

G/C [cd]	320.0	325.0	330.0	335.0	340.0	345.0	350.0	355.0
115.0	22.5	25.6	28.3	30.7	32.8	34.4	35.6	36.3
120.0	17.5	20.4	23.4	25.8	27.6	29.1	30.1	30.8
125.0	5.8	14.0	18.0	19.5	20.7	22.2	23.3	24.1
130.0	0.4	0.6	0.9	4.2	9.7	13.8	16.2	17.4
135.0	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
140.0	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9
145.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
155.0	5.7	3.1	2.2	2.2	2.2	2.2	2.2	2.1
160.0	6.1	6.3	6.4	6.5	6.5	6.5	6.5	6.2
165.0	6.1	6.3	6.4	6.6	6.6	6.7	6.7	6.8
170.0	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.2
175.0	4.5	4.4	4.5	4.6	4.8	5.3	5.4	5.4
180.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

PHOTOMETRIC RESULTS

File Name:	LICHT 1392-QL16-S07 L700147		
Sample Number:	1392-QL16-S07		
Report Number:			
Model:	L700147		
Flux:	2138 lm	Flux 2	0.00 lm
Date:	04/04/2017 8.30.48		
Manufacturer:	LICHT		

Electrical protocol LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

[deg]	U [V]	I [A]	P [W]	PF
0.0	230.07	0.093	19.9	0.9233
5.0	230.07	0.093	19.9	0.9232
10.0	230.07	0.093	19.9	0.9232
15.0	230.07	0.094	19.9	0.9232
20.0	230.07	0.093	19.8	0.9232
25.0	230.07	0.093	19.8	0.9233
30.0	230.07	0.093	19.8	0.9232
35.0	230.07	0.093	19.8	0.9232
40.0	230.07	0.093	19.8	0.9232
45.0	230.07	0.093	19.8	0.9232
50.0	230.07	0.093	19.8	0.9233
55.0	230.07	0.093	19.8	0.9231
60.0	230.07	0.093	19.8	0.9231
65.0	230.07	0.093	19.8	0.9232
70.0	230.07	0.093	19.8	0.9231
75.0	230.07	0.093	19.8	0.9231
80.0	230.07	0.093	19.8	0.9231
85.0	230.07	0.093	19.8	0.9231
90.0	230.07	0.093	19.8	0.9232
95.0	230.07	0.093	19.8	0.9230
100.0	230.07	0.093	19.8	0.9231
105.0	230.07	0.093	19.8	0.9232
110.0	230.07	0.093	19.8	0.9231
115.0	230.07	0.093	19.8	0.9232
120.0	230.07	0.093	19.8	0.9231
125.0	230.07	0.093	19.8	0.9231
130.0	230.07	0.093	19.8	0.9231
135.0	230.07	0.093	19.8	0.9231
140.0	230.07	0.093	19.8	0.9231
145.0	230.07	0.093	19.8	0.9231
150.0	230.07	0.093	19.8	0.9229
155.0	230.07	0.093	19.8	0.9230
160.0	230.07	0.093	19.8	0.9230
165.0	230.07	0.093	19.8	0.9231
170.0	230.07	0.093	19.8	0.9229
175.0	230.07	0.093	19.8	0.9229

Electrical protocol LICHT 1392-QL16-S07 L700147 / C0 to C355 in 5 - Gamma 0 to 180

[deg]	U [V]	I [A]	P [W]	PF
180.0	230.07	0.093	19.8	0.9229