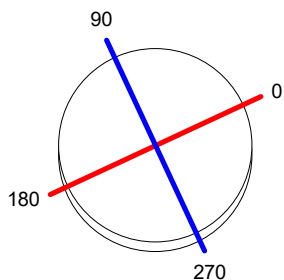


Luminaire			Measurem.			Lamp	
Code	TRL-20250049		Code	TRL-20250049		Code	Led
Name	SPOT grande GX53 lente Fresnel		Name	SPOT grande GX53 lente Fresnel		Number	1
Line	Eulumdat		Date	12-02-2025		Position	
Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical
Round Luminaire		Diam.	194 mm	Height	70 mm		
Round Luminous Area		Diam.	190 mm	Height	0 mm		
Horizontal Luminous Area		0.028353 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.006859 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		12-02-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		700.14 lm	
Operator		Palazzoli S.p.A. - Mirco Scebba		Source voltage			
Temperature		25.00 °C		Source current			
Humidity		60.00 %		Photocell			
Notes							
Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		Led	Name		700.14	8.01	1
			Led - 8.01 W				
C.I.E.	65 96 99 100 100		D DIN 5040		A50		
F UTE	1.00 C		B NBN		BZ 3 / 0.6 / BZ 2		

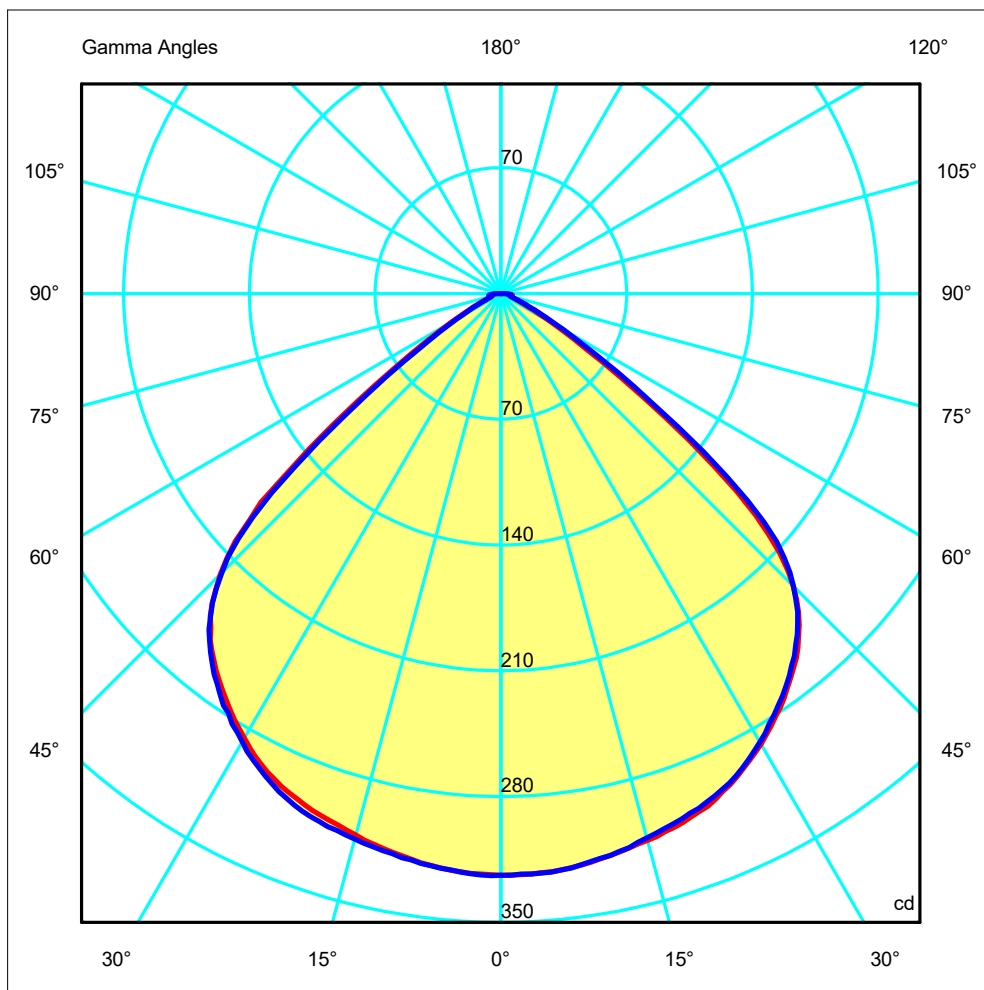
Diam=194mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.01 %
DLOR 100.00 %
RN 0.01 %



Luminaire				Measurem.				Lamp							
Code	TRL-20250049			Code	TRL-20250049			Code	Led						
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1						
Line	Eulumdat			Date	12-02-2025			Position							
Luminaire Flux		700.19 lm		Luminaire Power		8.01 W		Efficacy		87.38 lm/W		Efficiency		100.01%	
Lamps Flux		700.14 lm		Maximum value		325.05 cd		Position		C=165.00 G=2.00		CG		Asymmetrical	
Luminous Intensity Table cd														Table 1/18	
	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00		
G 0.0	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	
G 1.0	323.73	324.15	323.92	324.25	324.30	323.86	323.84	323.98	323.40	323.88	323.96	323.63	324.28		
G 2.0	323.60	323.92	323.55	323.68	324.49	323.57	323.87	323.92	323.35	323.91	323.93	323.75	324.57		
G 3.0	323.46	323.65	323.50	323.76	324.00	323.36	323.58	323.54	322.94	323.32	323.68	323.20	324.38		
G 4.0	323.19	323.11	323.19	323.04	323.84	323.12	323.29	323.11	322.59	322.87	323.18	323.03	324.00		
G 5.0	323.05	322.90	322.72	322.88	323.35	322.60	322.55	323.07	322.17	322.38	322.32	322.74	323.43		
G 6.0	322.54	322.19	322.20	322.47	322.96	322.10	322.22	322.37	321.77	322.21	322.10	322.15	322.78		
G 7.0	321.86	321.60	321.53	321.66	322.22	321.50	321.86	321.47	321.54	321.29	321.49	321.76	322.34		
G 8.0	321.23	321.06	321.11	320.61	321.86	320.93	321.26	321.14	320.44	320.55	320.91	320.81	321.18		
G 9.0	320.34	320.14	320.75	319.91	320.97	320.17	319.89	320.30	319.65	319.67	320.53	320.22	320.44		
G 10.0	319.45	319.53	319.70	319.09	319.58	319.26	319.77	319.31	319.19	319.27	319.42	319.24	319.52		
G 11.0	318.56	318.74	318.84	318.27	319.01	318.33	318.21	318.79	317.93	317.84	318.58	317.81	318.32		
G 12.0	317.70	317.80	317.96	317.79	317.82	317.34	317.57	317.78	317.06	317.55	317.36	316.57	317.47		
G 13.0	316.78	317.06	316.93	317.03	316.96	316.50	316.58	316.61	315.66	316.29	316.20	316.23	316.42		
G 14.0	315.76	315.90	316.20	316.03	316.26	315.39	315.74	315.75	314.69	315.04	314.92	314.80	315.54		
G 15.0	315.14	315.01	315.18	315.32	315.22	314.60	314.38	314.71	313.31	313.91	314.11	313.79	314.21		
G 16.0	314.32	314.42	314.29	314.42	314.66	313.77	313.98	313.73	313.50	312.95	312.85	312.55	313.06		
G 17.0	313.12	313.17	313.45	313.26	313.44	312.66	312.74	312.61	312.39	311.75	311.73	311.43	312.24		
G 18.0	312.29	312.41	312.54	312.30	312.66	311.70	311.90	311.75	311.11	310.94	310.97	310.33	311.12		
G 19.0	311.28	311.29	311.54	311.43	311.67	310.73	310.71	310.62	310.04	310.45	309.96	309.38	309.92		
G 20.0	309.87	310.22	310.06	310.43	310.64	309.66	309.84	309.69	309.13	309.04	308.76	308.42	308.80		
G 21.0	308.68	308.85	309.01	308.67	309.05	308.61	308.62	308.56	307.65	307.98	307.68	307.02	307.73		
G 22.0	307.62	307.36	307.23	307.38	307.94	306.98	307.33	307.18	306.40	306.33	306.24	305.82	306.48		
G 23.0	305.64	305.48	305.73	305.75	306.25	305.45	305.76	305.70	304.64	304.96	304.90	304.55	305.19		
G 24.0	303.41	303.60	303.99	303.99	304.56	303.71	304.06	303.97	303.55	303.40	303.44	303.00	303.26		
G 25.0	301.68	301.51	301.94	301.72	302.26	301.88	301.68	302.05	301.17	301.36	301.72	300.85	301.73		
G 26.0	299.32	299.30	299.62	299.52	300.38	299.41	299.69	299.80	299.28	299.50	299.64	299.42	299.38		
G 27.0	296.78	296.82	297.07	297.48	297.70	296.98	297.57	297.41	297.35	297.21	297.49	296.65	297.48		
G 28.0	294.48	294.51	294.74	294.69	295.23	294.69	295.13	294.97	294.97	295.06	294.96	294.49	295.03		
G 29.0	292.00	291.73	292.10	291.70	292.56	291.80	292.06	292.33	292.08	292.50	292.59	291.67	292.33		
G 30.0	289.51	289.24	289.41	288.99	289.72	289.07	289.70	289.34	289.29	288.99	289.41	288.97	289.62		
G 31.0	286.50	286.13	286.68	286.35	286.68	286.00	286.58	286.65	286.31	286.33	286.52	286.41	286.55		
G 32.0	283.83	283.59	283.81	283.04	283.65	283.05	283.46	283.46	282.99	283.05	283.15	283.21	283.36		
G 33.0	280.74	280.53	280.77	280.37	280.93	279.73	280.27	280.36	280.22	280.12	280.14	279.53	280.48		
G 34.0	277.97	277.61	277.85	277.21	277.83	276.55	277.38	277.02	276.60	276.85	276.61	276.55	277.41		
G 35.0	274.68	274.30	274.40	274.29	274.73	273.39	273.77	273.77	273.75	273.07	273.35	273.11	274.15		
G 36.0	271.25	271.63	271.30	271.08	271.39	270.58	270.92	270.68	269.83	270.00	269.87	269.79	270.37		
G 37.0	267.95	267.96	268.22	267.74	268.02	266.98	267.16	267.17	266.27	266.97	266.45	266.00	266.88		
G 38.0	264.51	264.38	264.40	264.35	264.42	263.68	263.72	263.30	262.81	262.88	262.76	262.80	263.08		
G 39.0	261.26	260.88	261.11	260.61	260.93	259.89	259.62	259.61	259.30	258.95	258.90	258.60	259.21		
G 40.0	257.20	257.15	257.20	256.91	257.13	255.89	255.93	255.39	254.85	254.73	254.87	254.49	254.90		
G 41.0	252.47	252.80	252.64	252.51	252.55	251.63	251.97	251.37	250.95	250.42	250.51	250.74	250.87		
G 42.0	248.19	248.49	248.08	248.14	248.08	247.45	246.77	246.79	246.01	245.92	245.73	245.76	245.90		
G 43.0	242.80	242.87	242.67	242.81	242.81	241.89	241.63	241.58	241.30	240.60	241.05	241.07	241.24		
G 44.0	236.83	237.07	236.69	236.85	237.12	236.62	236.42	235.98	235.02	235.97	235.32	235.63	235.79		
G 45.0	230.06	230.21	230.52	230.17	230.28	230.12	229.69	229.93	229.04	229.04	229.47	229.67	230.15		
G 46.0	222.11	223.08	221.88	222.66	222.39	222.21	221.98	222.35	222.12	222.95	222.25	222.63	222.74		
G 47.0	212.30	213.42	213.60	212.66	212.81	213.23	212.93	213.59	213.76	213.69	214.48	214.61	215.06		
G 48.0	200.51	201.51	200.33	202.56	201.29	201.94	201.85	202.84	202.92	203.78	204.02	204.12	204.74		
G 49.0	187.70	187.06	188.05	187.65	187.69	189.04	189.10	191.22	191.48	191.36	191.77	192.80	192.62		
G 50.0	171.25	172.22	171.65	173.41	173.32	173.41	174.57	175.41	175.53	177.26	177.32	178.34	177.81		
G 51.0	152.31	153.85	154.02	154.81	157.27	157.02	157.40	159.92	159.18	161.22	161.05	163.72	162.47		
G 52.0	133.44	135.79	135.04	137.47	138.26	139.17	140.35	140.84	141.84	144.02	143.92	144.08	143.63		
G 53.0	114.36	115.74	117.23	118.71	120.54	123.14	123.23	125.28	125.61	127.14	127.06	127.15	128.10		
G 54.0	97.22	99.22	99.85	101.64	102.07	105.46	106.45	108.58	108.95	110.16	111.51	110.50	110.72		
G 55.0	81.72	83.53	84.68	86.32	87.87	91.02	91.16	94.31	94.50	94.96	95.89	96.36	95.98		
G 56.0	68.29	70.24	71.25	73.09	74.23	77.14	77.97	79.01	79.83	81.10	81.93	82.43	82.16		
G 57.0	56.51	59.28	60.56	61.62	63.53	65.20	66.03	67.96	68.67	69.72	68.52	70.11	71.06		
G 58.0	47.56	49.10	50.85	52.72	53.85	54.98	56.59	56.64	57.31	58.07	59.14	59.53	59.03		
G 59.0	40.15	41.29	42.55	44.26	44.88	46.22	47.10	48.18	48.77	49.51	49.77	49.99	50.47		
G 60.0	33.64	35.23	35.71	36.37	37.76	38.84	39.25	39.87	40.47	41.59	41.18	41.93	41.86		
G 61.0	28.38	29.36	30.35	31.22	31.84	32.60	33.68	34.15	34.38	35.04	35.34				

Luminaire				Measur.				Lamp							
Code	TRL-20250049			Code	TRL-20250049			Code	Led						
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1						
Line	Eulumdat			Date	12-02-2025			Position							
Luminaire Flux		700.19 lm		Luminaire Power		8.01 W		Efficacy		87.38 lm/W		Efficiency		100.01%	
Lamps Flux		700.14 lm		Maximum value		325.05 cd		Position		C=165.00 G=2.00		CG		Asymmetrical	
Luminous Intensity Table cd														Table 2/18	
	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00		
G 0.0	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85
G 1.0	323.98	324.00	323.67	323.96	324.04	323.79	324.62	323.70	324.56	323.80	324.13	323.46	323.65	323.65	323.65
G 2.0	324.07	323.58	323.76	323.99	323.72	323.35	324.57	324.25	324.17	323.78	324.39	322.91	323.36	323.36	323.36
G 3.0	323.55	323.63	323.58	323.84	323.40	323.58	323.51	323.96	323.99	323.90	323.78	322.91	323.31	323.31	323.31
G 4.0	322.56	323.15	323.04	323.68	322.91	323.36	322.92	323.95	323.32	323.73	322.35	322.96	323.33	323.33	323.33
G 5.0	322.54	322.52	322.55	323.05	322.73	323.19	322.75	323.39	323.06	323.21	321.90	322.71	322.90	322.90	322.90
G 6.0	321.80	322.29	322.75	322.54	322.62	322.45	322.35	323.02	322.89	322.91	321.76	322.54	322.37	322.37	322.37
G 7.0	321.28	321.55	321.71	322.04	321.66	322.07	321.73	322.04	322.08	322.37	321.01	321.57	320.84	320.84	320.84
G 8.0	320.96	320.59	320.92	321.15	320.76	320.96	320.91	321.41	320.94	321.67	320.80	320.81	320.37	320.37	320.37
G 9.0	320.20	319.65	320.30	320.28	320.23	320.04	320.13	320.70	320.64	320.75	319.83	319.91	320.22	320.22	320.22
G 10.0	319.34	318.71	319.12	319.27	319.41	319.22	319.40	319.85	319.23	319.91	319.71	319.02	319.43	319.43	319.43
G 11.0	318.08	317.61	317.90	318.49	318.33	318.56	318.41	318.28	319.05	318.76	318.50	318.02	318.30	318.30	318.30
G 12.0	316.99	316.93	317.07	317.30	317.00	317.42	317.26	317.44	317.42	317.38	317.19	316.95	317.28	317.28	317.28
G 13.0	315.93	315.71	316.14	316.36	316.11	316.52	316.13	316.98	315.54	316.33	315.58	315.46	316.10	316.10	316.10
G 14.0	314.62	314.58	315.01	314.98	314.82	314.86	315.13	315.60	315.07	315.22	314.99	314.28	314.59	314.59	314.59
G 15.0	313.27	313.46	313.68	313.79	313.58	313.67	313.89	314.06	314.15	313.82	313.43	312.98	313.22	313.22	313.22
G 16.0	312.41	312.50	312.62	312.47	312.35	312.62	312.58	312.62	312.65	312.57	312.05	311.94	311.83	311.83	311.83
G 17.0	311.29	311.34	311.38	311.41	311.23	311.43	311.23	311.78	311.11	311.26	310.60	310.41	310.29	310.29	310.29
G 18.0	310.04	310.26	310.19	310.39	310.37	310.35	309.84	310.63	310.08	310.11	309.20	309.04	308.66	308.66	308.66
G 19.0	308.91	309.34	309.16	309.44	308.94	309.19	308.82	309.52	308.74	308.41	308.12	307.70	307.01	307.01	307.01
G 20.0	307.90	308.01	308.11	308.21	307.69	307.86	307.95	308.22	307.32	307.52	306.47	306.16	305.64	305.64	305.64
G 21.0	306.74	306.87	306.86	307.02	306.51	306.85	306.64	306.88	306.12	306.06	305.13	304.60	304.66	304.66	304.66
G 22.0	305.66	305.53	305.62	305.87	305.25	305.37	304.85	305.40	304.87	304.37	303.91	303.08	302.82	302.82	302.82
G 23.0	303.56	304.27	304.22	304.24	303.74	303.97	303.51	303.96	302.93	302.99	302.16	301.46	300.70	300.70	300.70
G 24.0	303.06	302.55	302.43	302.55	302.23	302.26	301.56	301.90	301.37	301.21	300.38	299.92	299.32	299.32	299.32
G 25.0	300.42	300.68	300.65	300.77	300.16	300.73	299.84	300.44	299.44	299.19	298.45	298.13	297.45	297.45	297.45
G 26.0	298.72	298.81	298.58	298.78	298.19	298.69	297.89	298.23	297.54	297.23	296.68	296.32	295.51	295.51	295.51
G 27.0	296.63	296.48	296.51	296.87	295.99	296.11	295.67	295.97	295.34	295.33	294.13	294.09	293.16	293.16	293.16
G 28.0	294.15	294.24	294.02	294.08	293.59	293.60	293.32	293.79	293.02	293.07	291.92	291.84	291.35	291.35	291.35
G 29.0	291.58	291.59	291.33	291.33	291.00	291.00	290.63	290.60	290.30	290.35	289.85	289.56	288.81	288.81	288.81
G 30.0	288.87	288.94	288.44	288.46	288.07	288.25	287.81	287.90	287.87	287.59	287.09	286.83	286.18	286.18	286.18
G 31.0	285.81	286.05	285.31	285.63	284.86	285.51	285.05	285.34	284.73	284.89	284.23	283.98	283.32	283.32	283.32
G 32.0	282.56	282.75	282.18	282.61	281.74	281.90	281.78	282.41	281.62	282.08	281.45	281.13	280.90	280.90	280.90
G 33.0	279.35	279.63	279.57	279.55	278.96	279.34	278.95	279.39	278.43	278.67	277.97	277.83	277.54	277.54	277.54
G 34.0	276.31	276.53	276.16	276.41	275.89	276.22	275.84	276.71	275.58	275.92	275.10	275.11	274.65	274.65	274.65
G 35.0	273.17	273.48	273.30	273.58	272.99	273.32	272.78	273.41	272.59	272.58	272.26	271.56	271.24	271.24	271.24
G 36.0	269.72	270.26	269.69	270.43	269.78	269.93	269.73	270.11	269.18	269.69	268.97	268.44	267.98	267.98	267.98
G 37.0	266.09	266.60	266.64	267.09	266.23	266.53	266.49	266.72	266.16	266.19	265.33	264.92	264.70	264.70	264.70
G 38.0	262.78	262.96	263.12	263.42	263.06	262.79	263.09	263.27	262.53	262.54	261.75	261.61	261.10	261.10	261.10
G 39.0	258.41	259.22	259.12	259.63	259.14	259.50	258.77	259.45	258.82	258.62	258.38	257.41	257.12	257.12	257.12
G 40.0	254.82	255.56	255.25	255.59	255.16	255.16	255.15	255.50	254.76	254.92	253.91	253.56	253.32	253.32	253.32
G 41.0	250.55	250.66	251.04	251.33	251.01	251.34	250.79	251.45	251.06	250.23	249.75	248.92	248.61	248.61	248.61
G 42.0	245.83	246.05	246.27	246.62	246.87	246.70	246.83	246.79	246.12	246.16	245.22	244.51	244.35	244.35	244.35
G 43.0	240.70	241.63	241.45	241.69	241.52	241.98	241.84	241.87	241.18	241.14	240.33	239.33	239.33	239.33	239.33
G 44.0	235.76	235.93	235.99	236.34	236.61	236.14	236.41	236.92	235.88	235.76	235.10	233.88	233.88	233.88	233.88
G 45.0	229.88	229.95	229.85	230.11	230.63	230.28	230.31	230.52	230.27	229.57	228.65	227.87	227.64	227.64	227.64
G 46.0	223.04	223.29	223.56	223.34	223.41	223.55	223.96	223.35	223.48	223.05	221.89	221.38	220.71	220.71	220.71
G 47.0	215.38	214.86	215.04	215.99	215.49	215.51	215.83	216.03	215.88	214.88	214.21	212.71	212.59	212.59	212.59
G 48.0	204.02	205.17	204.65	204.93	205.47	206.25	206.22	206.30	205.75	204.97	204.42	204.62	203.75	203.75	203.75
G 49.0	192.98	192.24	193.03	193.61	192.78	194.05	194.44	195.12	193.53	193.65	192.25	191.18	190.47	190.47	190.47
G 50.0	177.71	177.99	177.17	178.31	177.61	179.10	179.50	178.45	178.25	177.33	176.74	176.11	174.97	174.97	174.97
G 51.0	162.24	160.73	161.34	161.11	161.57	161.66	161.44	161.79	161.49	159.11	158.42	157.42	157.32	157.32	157.32
G 52.0	143.07	142.69	144.65	143.53	142.98	142.77	141.68	141.14	140.14	140.69	140.71	139.54	137.59	137.59	137.59
G 53.0	127.84	126.43	126.33	125.36	124.85	123.52	124.80	121.77	120.98	120.71	120.93	119.88	118.01	118.01	118.01
G 54.0	110.03	109.67	108.78	108.23											

Luminaire				Measurem.				Lamp							
Code	TRL-20250049			Code	TRL-20250049			Code	Led						
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1						
Line	Eulumdat			Date	12-02-2025			Position							
Luminaire Flux		700.19 lm		Luminaire Power		8.01 W		Efficacy		87.38 lm/W		Efficiency		100.01%	
Lamps Flux		700.14 lm		Maximum value		325.05 cd		Position		C=165.00 G=2.00		CG		Asymmetrical	
Luminous Intensity Table cd														Table 3/18	
	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00		
G 0.0	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85
G 1.0	323.95	324.59	323.83	323.39	324.25	323.90	323.75	324.47	323.59	323.88	323.54	323.93	323.90	323.90	323.90
G 2.0	323.63	323.81	323.71	323.61	323.90	323.17	323.20	325.05	323.62	323.98	323.23	323.63	323.64	323.64	323.64
G 3.0	323.40	323.75	323.56	322.06	323.61	323.48	323.12	324.61	323.55	323.83	323.20	323.12	323.19	323.19	323.19
G 4.0	323.26	324.69	323.31	322.56	322.92	322.94	322.71	323.93	322.76	323.28	322.54	322.46	322.52	322.52	322.52
G 5.0	323.09	324.22	322.89	323.12	322.38	322.67	322.73	323.34	322.31	322.49	322.12	321.88	322.12	322.12	322.12
G 6.0	322.39	323.01	322.37	322.20	322.17	322.28	322.09	323.03	322.21	321.60	321.41	321.22	321.60	321.60	321.60
G 7.0	321.57	322.33	321.76	321.18	321.47	320.10	321.64	322.96	321.49	320.60	320.64	320.60	320.68	320.68	320.68
G 8.0	320.68	321.22	320.72	320.42	320.80	320.40	320.92	321.80	320.42	319.75	319.97	319.75	319.47	319.47	319.47
G 9.0	319.76	320.45	320.00	319.46	319.75	319.58	319.75	320.36	319.22	319.02	318.78	318.71	318.67	318.67	318.67
G 10.0	318.84	319.98	319.30	318.47	318.85	318.83	318.42	319.19	318.42	318.14	317.66	317.94	317.76	317.76	317.76
G 11.0	318.10	318.98	318.01	317.21	318.06	317.85	317.16	318.12	317.27	317.09	316.82	316.73	316.64	316.64	316.64
G 12.0	317.11	317.76	316.86	316.37	316.48	316.53	315.91	317.02	315.84	315.45	315.76	316.00	315.50	315.50	315.50
G 13.0	315.88	316.49	315.63	314.96	315.07	315.00	314.54	316.10	314.57	314.20	314.57	314.61	314.57	314.57	314.57
G 14.0	314.40	315.10	314.43	313.57	314.17	313.69	313.29	314.58	313.03	312.97	313.68	313.35	313.52	313.52	313.52
G 15.0	313.11	313.84	312.76	312.07	312.96	312.35	311.98	313.10	311.74	311.61	312.00	312.17	311.83	311.83	311.83
G 16.0	311.70	312.14	311.20	310.85	310.90	310.80	310.64	311.51	310.45	310.16	310.83	310.94	310.87	310.87	310.87
G 17.0	310.39	310.65	309.93	309.23	309.58	309.31	309.31	310.19	308.86	309.06	309.47	309.82	309.94	309.94	309.94
G 18.0	308.87	309.24	308.34	308.03	307.84	307.80	307.61	308.54	307.77	307.51	308.46	308.62	308.44	308.44	308.44
G 19.0	307.26	307.64	306.86	306.35	305.94	306.41	306.37	307.03	306.28	306.17	307.43	307.26	307.45	307.45	307.45
G 20.0	305.87	305.81	305.31	304.79	304.68	304.77	305.06	305.72	304.88	304.62	306.35	306.07	306.50	306.50	306.50
G 21.0	304.20	304.25	303.87	303.34	303.57	303.29	303.56	304.46	303.66	303.32	304.93	305.01	305.10	305.10	305.10
G 22.0	302.61	302.71	302.35	301.54	301.96	301.71	302.12	302.81	302.02	301.91	303.37	303.55	303.74	303.74	303.74
G 23.0	301.01	301.32	300.65	299.92	300.32	300.09	300.32	301.31	300.69	300.61	301.87	302.00	302.39	302.39	302.39
G 24.0	299.56	299.59	298.78	298.26	298.54	298.30	298.64	299.28	299.03	299.09	300.32	300.20	300.43	300.43	300.43
G 25.0	297.46	297.55	297.01	296.38	296.92	296.41	297.02	298.17	296.99	296.85	298.26	298.42	298.77	298.77	298.77
G 26.0	295.68	295.37	294.97	294.50	295.16	294.67	295.10	296.08	295.33	294.86	296.42	296.40	296.58	296.58	296.58
G 27.0	293.52	293.41	292.95	292.42	292.95	292.67	293.03	294.23	293.05	292.75	294.08	294.18	294.21	294.21	294.21
G 28.0	291.38	291.50	290.77	290.07	290.72	290.67	290.82	291.49	290.76	290.55	291.74	291.76	291.36	291.36	291.36
G 29.0	288.97	289.25	288.74	287.86	288.53	288.11	288.49	289.38	288.54	288.60	288.82	288.88	289.10	289.10	289.10
G 30.0	286.49	286.47	286.06	285.27	285.73	285.51	285.86	286.79	285.39	285.41	285.73	286.02	285.81	285.81	285.81
G 31.0	283.71	284.27	283.31	282.70	283.22	282.97	283.15	283.81	283.15	282.41	282.84	282.99	282.88	282.88	282.88
G 32.0	280.81	280.99	280.41	279.56	280.19	279.83	279.92	280.75	279.85	279.60	279.81	279.55	279.69	279.69	279.69
G 33.0	277.67	277.84	277.42	276.51	277.18	276.77	277.39	277.73	276.85	276.37	276.69	276.07	276.10	276.10	276.10
G 34.0	274.41	274.40	274.05	273.12	273.83	273.78	273.67	274.26	273.55	273.15	273.32	273.16	273.22	273.22	273.22
G 35.0	271.09	271.42	270.58	270.49	270.57	270.26	270.52	271.52	270.31	269.81	270.05	269.90	269.81	269.81	269.81
G 36.0	267.59	268.15	267.48	266.54	267.38	267.01	267.20	267.97	266.68	266.65	266.73	266.44	266.11	266.11	266.11
G 37.0	264.63	264.86	264.04	263.06	263.85	263.50	263.60	264.52	263.29	263.04	263.27	262.92	262.72	262.72	262.72
G 38.0	260.92	260.76	260.01	259.44	259.95	259.57	259.82	260.45	259.72	259.62	259.53	259.17	258.96	258.96	258.96
G 39.0	257.20	257.20	256.49	255.79	256.37	255.95	256.03	256.75	256.14	255.55	255.71	255.31	255.17	255.17	255.17
G 40.0	252.89	253.40	252.44	251.86	252.26	252.22	251.76	252.65	251.77	251.66	251.70	250.79	251.00	251.00	251.00
G 41.0	248.64	248.89	247.95	247.56	248.01	247.84	247.79	248.60	247.58	247.22	246.23	246.08	246.42	246.42	246.42
G 42.0	243.71	244.31	243.77	242.78	242.75	242.92	242.87	243.56	242.78	242.59	241.79	240.67	241.15	241.15	241.15
G 43.0	239.12	239.36	238.15	237.38	237.79	236.82	237.45	238.09	237.23	237.07	235.70	234.37	235.13	235.13	235.13
G 44.0	233.83	233.22	232.21	231.60	231.92	231.57	231.48	231.68	230.90	230.86	228.43	228.30	227.84	227.84	227.84
G 45.0	227.11	227.57	226.67	226.05	226.05	224.98	224.55	225.54	224.52	223.61	221.21	220.28	219.93	219.93	219.93
G 46.0	220.69	219.72	219.15	218.17	217.98	217.29	216.82	217.52	215.79	215.41	212.18	210.81	210.92	210.92	210.92
G 47.0	211.68	212.38	210.48	209.61	208.99	209.27	207.71	208.50	207.36	205.78	202.26	199.71	200.10	200.10	200.10
G 48.0	203.15	202.04	201.21	201.08	199.89	197.69	197.74	197.82	195.94	194.38	188.14	186.98	187.21	187.21	187.21
G 49.0	190.17	190.07	188.83	187.79	187.00	185.78	184.04	184.45	182.61	181.87	177.06	172.15	173.67	173.67	173.67
G 50.0	174.48	174.07	172.92	170.67	171.19	168.65	167.97	167.27	166.21	165.60	155.42	156.12	155.36	155.36	155.36
G 51.0	155.90	155.20	154.83	154.39	150.93	152.02	149.36	149.02	147.89	145.58	137.43	135.54	137.03	137.03	137.03
G 52.0	135.94	137.03	134.74	132.71	132.88	129.76	131.71	129.80	128.34	126.53	119.34	118.47	118.28	118.28	118.28
G 53.0	116.04	117.07	114.53	113.68	113.22	112.40	108.41	111.46	110.20	109.80	101.14	101.80	100.99	100.99	100.99
G 54.0	99.57	99.59	98.35	97.38	95.69	94.16	93.88	94.20	93.06	92.94	86.41	86.38	87.25	87.25	87.25
G															

Luminaire				Measurem.				Lamp					
Code	TRL-20250049			Code	TRL-20250049			Code	Led				
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1				
Line	Eulumdat			Date	12-02-2025			Position					
Luminaire Flux	700.19 lm			Luminaire Power	8.01 W			Efficacy	87.38 lm/W				
Lamps Flux	700.14 lm			Maximum value	325.05 cd			Position	C=165.00 G=2.00				
CG Asymmetrical													
Luminous Intensity Table cd Table 4/18													
	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 0.0	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85
G 1.0	323.78	323.91	323.64	323.67	323.58	323.25	323.49	323.59	324.17	324.08	323.80	322.90	323.39
G 2.0	323.72	323.96	323.15	323.47	323.36	322.87	323.28	323.40	323.52	323.70	323.57	322.69	323.03
G 3.0	323.24	323.41	322.86	322.79	323.01	322.70	322.80	322.97	321.98	323.21	322.99	322.37	323.24
G 4.0	322.71	322.68	322.29	322.32	322.47	322.21	322.65	322.05	321.87	322.63	322.14	321.78	321.97
G 5.0	321.86	321.91	321.69	321.40	321.83	321.14	321.96	321.35	321.98	321.78	321.45	321.42	321.60
G 6.0	321.45	321.07	320.97	320.43	321.12	320.70	321.02	320.72	321.27	321.34	320.77	320.63	321.42
G 7.0	320.67	320.45	319.96	320.24	320.39	319.75	320.01	320.19	319.31	320.60	319.89	320.18	320.62
G 8.0	319.56	319.68	318.98	319.05	319.34	318.37	319.35	319.47	318.70	319.70	319.20	319.33	319.69
G 9.0	318.86	318.77	317.89	318.09	318.32	317.36	317.98	318.57	318.12	318.95	318.42	318.08	318.95
G 10.0	317.49	317.90	317.09	316.81	317.03	316.37	317.21	317.44	317.31	318.04	317.54	317.38	317.76
G 11.0	316.44	316.51	316.08	315.79	315.91	315.48	315.91	316.47	315.98	316.74	316.68	316.41	317.38
G 12.0	315.31	315.35	314.87	314.87	315.04	314.49	315.17	315.23	315.34	315.85	315.40	315.63	315.98
G 13.0	314.38	314.24	313.77	313.83	313.92	313.78	313.93	314.31	314.31	314.71	315.29	315.15	315.27
G 14.0	313.24	313.16	312.02	312.64	312.47	312.17	312.89	313.28	313.33	314.03	313.60	313.33	314.31
G 15.0	311.86	311.97	311.25	311.04	311.55	311.23	312.40	312.20	312.15	312.99	312.90	313.48	313.59
G 16.0	310.74	310.91	310.23	309.97	310.06	310.14	310.95	311.08	310.97	311.97	312.11	312.53	312.78
G 17.0	310.19	309.67	308.93	309.24	309.03	309.00	309.85	310.25	310.41	311.00	311.22	311.11	311.96
G 18.0	308.26	308.76	307.97	308.11	308.26	308.31	308.77	309.30	309.42	310.42	310.33	310.45	310.83
G 19.0	307.34	307.51	306.87	307.00	307.12	307.27	307.99	308.43	308.64	309.17	309.34	309.73	309.81
G 20.0	306.09	306.46	305.90	305.95	306.33	305.98	306.82	306.92	307.69	308.32	308.28	308.56	309.00
G 21.0	305.03	305.23	304.86	304.95	305.40	305.03	306.03	305.99	306.62	307.50	307.25	307.67	307.99
G 22.0	303.52	303.86	303.07	303.71	303.55	303.59	304.21	304.89	304.32	305.71	305.74	306.31	306.48
G 23.0	302.46	302.69	301.77	302.08	302.19	302.07	302.51	303.27	303.38	303.91	304.39	304.01	304.95
G 24.0	300.44	300.76	300.12	300.06	300.47	300.50	300.75	301.87	301.66	302.22	302.25	301.86	302.97
G 25.0	298.54	298.71	297.87	298.25	298.25	298.21	298.81	299.34	299.51	299.56	300.04	300.57	300.68
G 26.0	296.32	296.77	295.88	296.24	296.72	295.85	296.44	296.94	296.69	297.61	297.52	298.32	298.43
G 27.0	294.14	294.59	293.43	294.18	293.98	293.59	294.07	294.54	294.44	295.02	295.02	295.20	295.53
G 28.0	291.45	291.72	290.86	290.94	291.14	290.71	291.21	292.02	291.75	292.33	292.24	292.75	293.15
G 29.0	288.64	288.94	287.88	288.56	288.18	288.03	288.40	288.50	288.88	289.72	289.25	289.46	290.04
G 30.0	285.53	285.45	284.93	284.92	285.29	284.90	285.28	286.67	285.47	286.50	286.47	286.59	286.92
G 31.0	282.56	282.75	282.08	282.16	281.57	281.58	282.13	282.24	282.48	283.20	283.59	283.15	284.11
G 32.0	279.04	279.50	278.60	279.03	278.87	278.27	278.67	279.45	279.27	280.47	280.41	280.23	280.51
G 33.0	275.88	276.22	275.05	275.76	275.54	274.79	275.19	275.54	275.67	276.97	276.68	276.71	277.73
G 34.0	272.67	272.92	271.92	272.01	272.26	271.53	271.73	272.35	272.61	272.98	273.65	273.71	274.03
G 35.0	269.34	269.44	268.73	268.85	268.52	268.01	268.47	268.80	268.76	269.51	269.62	270.24	270.62
G 36.0	266.36	265.91	264.40	265.21	264.81	264.66	264.26	265.36	264.92	265.87	265.82	266.54	266.50
G 37.0	262.11	262.22	261.28	261.30	261.04	260.56	260.91	261.29	260.56	261.79	261.65	262.64	263.15
G 38.0	258.19	258.37	257.42	257.18	257.06	256.60	256.62	257.56	256.66	257.98	257.87	258.79	258.96
G 39.0	254.35	254.91	253.63	253.50	252.74	252.03	252.25	252.68	252.45	253.63	254.00	254.98	254.25
G 40.0	250.24	250.01	248.64	248.85	248.33	247.68	247.17	248.36	247.79	248.99	249.09	250.11	250.15
G 41.0	245.09	245.44	244.26	243.90	243.08	242.57	243.22	242.83	242.69	244.47	244.23	244.80	244.82
G 42.0	240.06	240.23	238.29	238.48	237.27	237.61	237.34	237.99	237.09	238.77	237.32	239.54	239.70
G 43.0	234.27	233.68	232.43	232.16	231.57	230.93	231.17	231.52	231.20	232.83	231.84	232.61	232.64
G 44.0	228.82	227.82	225.30	224.70	224.36	225.04	223.92	223.75	224.34	225.59	224.15	225.85	226.02
G 45.0	218.59	218.58	217.21	216.57	215.82	216.15	216.29	216.59	215.90	217.49	217.42	217.64	217.85
G 46.0	208.99	209.07	207.76	208.20	206.40	206.64	206.57	206.66	206.36	206.72	206.73	207.57	208.31
G 47.0	198.36	198.79	196.61	196.66	195.81	195.50	194.25	196.26	195.51	196.62	195.62	197.24	196.78
G 48.0	185.40	184.72	183.30	182.97	183.83	182.94	183.34	183.12	182.62	183.14	183.56	184.03	185.00
G 49.0	169.57	171.27	168.25	169.74	167.33	166.64	168.52	168.62	168.04	166.97	167.72	168.11	166.94
G 50.0	152.68	153.19	152.70	153.22	152.02	152.64	151.00	152.28	150.77	151.42	150.09	150.22	148.80
G 51.0	136.02	135.24	134.91	135.50	134.67	135.24	133.61	133.48	132.77	134.71	131.55	131.81	130.08
G 52.0	117.98	117.46	117.70	118.15	117.66	117.95	116.28	117.26	115.03	115.26	114.52	113.63	113.14
G 53.0	100.53	102.16	103.99	102.31	100.16	101.83	101.32	100.93	101.49	100.48	97.71	97.15	95.91
G 54.0	86.52	87.17	86.29	87.53	86.73	86.90	85.97	86.32	85.36	85.09	83.50	83.77	81.47
G 55.0	74.65	73.49	73.83	74.26	73.48	73.77	73.16	73.83	72.89	72.33	71.51	70.15	68.81
G 56.0	62.41	63.72	63.26	63.21	62.54	63.24	61.99	62.56	61.51	61.14	61.12	60.25	59.15
G 57.0	53.72	53.58	53.08	53.56	53.69	53.05	53.29	52.62	52.69	51.77	51.12	50.60	49.22
G 58.0	44.92	45.90	45.94	45.94	45.38	45.25	44.84	44.64	43.70	43.87	43.67	43.37	42.46
G 59.0	38.62	38.90	38.70	38.80	38.30	38.11	37.79	37.66	37.54	37.04	36.64	36.35	35.51
G 60.0	32.72	32.80	32.80	33.00	32.31	32.52	31.38	31.73	31.26	31.23	30.90	30.77	30.21
G 61.0	27.86	28.19	27.83	27.94	27.53	27.28	27.51	26.83	26.80	26.75	26.31	26.15	25.61
G 62.0	23.68	23.79	23.63	23.74	23.33	23.46	22.91	23.05	22.69	22.61	22.22	22.45	21.71
G 63.0	20.16	20.39	20.01	20.24	19.84	19.76	19.66						

Luminaire				Measurem.				Lamp			
Code	TRL-20250049			Code	TRL-20250049			Code	Led		
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1		
Line	Eulumdat			Date	12-02-2025			Position			

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
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Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG Asymmetrical	
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Luminous Intensity Table cd Table 5/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85	323.85
G 1.0	323.78	323.90	324.00	323.90	323.63	323.94	323.68	323.54	323.88	323.81	323.67	324.30	323.84
G 2.0	323.58	323.16	323.88	323.58	323.19	323.92	323.81	323.08	323.51	323.79	323.81	323.71	323.71
G 3.0	323.10	323.12	323.29	323.13	323.87	323.50	323.76	323.33	323.36	323.49	323.53	325.04	322.98
G 4.0	322.64	322.90	322.77	322.73	323.07	322.98	323.48	322.84	322.10	322.94	323.31	324.54	322.61
G 5.0	321.77	321.98	322.06	322.22	322.96	322.86	322.27	322.83	321.32	322.48	322.84	324.25	323.31
G 6.0	321.51	321.00	321.55	321.81	322.93	322.62	321.37	322.20	321.61	322.05	322.19	323.51	322.96
G 7.0	320.70	320.54	320.89	320.82	321.56	322.09	321.06	321.05	321.27	322.20	321.62	322.39	322.17
G 8.0	319.99	320.25	320.29	320.75	320.92	320.83	320.40	320.96	320.72	321.09	320.63	322.38	321.47
G 9.0	319.03	318.89	319.24	319.51	320.06	319.99	320.16	320.33	320.35	321.02	320.32	321.27	320.73
G 10.0	318.08	317.99	318.78	318.81	318.88	319.10	319.55	319.02	319.49	319.35	319.58	320.41	320.05
G 11.0	317.05	317.38	317.54	318.10	318.51	318.02	318.42	318.05	318.65	318.43	318.67	319.38	318.89
G 12.0	316.17	316.45	316.97	316.82	317.58	317.27	317.68	317.44	317.62	317.54	317.84	318.52	317.92
G 13.0	315.51	315.64	316.03	316.19	316.66	316.16	316.96	316.32	317.32	316.64	316.87	317.47	316.96
G 14.0	314.80	314.80	315.29	315.26	315.87	315.52	316.17	315.66	315.72	315.93	315.94	317.00	316.17
G 15.0	314.08	314.29	314.39	314.44	314.96	314.62	314.05	315.07	313.87	314.88	315.11	316.08	315.34
G 16.0	313.07	313.33	313.50	313.82	314.28	313.89	314.48	313.68	314.44	313.88	314.12	314.34	314.28
G 17.0	312.45	312.23	312.59	312.83	313.46	313.26	313.35	313.35	313.64	312.79	313.22	313.78	313.26
G 18.0	311.68	311.37	311.92	311.88	313.22	312.17	312.36	312.07	311.93	311.98	312.22	313.18	312.23
G 19.0	310.72	310.38	310.70	310.77	311.39	311.55	309.98	311.12	311.34	311.11	311.33	312.19	311.55
G 20.0	309.57	309.42	309.86	310.14	309.23	310.30	310.51	310.16	309.70	309.93	309.93	311.12	310.41
G 21.0	308.20	308.04	308.56	308.61	308.98	308.50	307.93	308.78	308.81	308.66	308.91	309.93	308.79
G 22.0	306.33	306.51	307.20	306.33	307.55	307.10	307.57	307.28	307.23	307.43	307.20	308.38	307.45
G 23.0	304.99	305.32	305.26	305.62	306.04	305.56	306.08	305.67	305.54	305.59	305.59	306.52	305.52
G 24.0	303.30	303.40	303.60	303.35	304.09	303.43	304.07	303.67	303.36	303.54	303.80	305.21	303.53
G 25.0	300.99	300.86	301.27	301.18	302.06	301.94	302.14	302.18	301.59	301.47	301.62	302.14	302.00
G 26.0	298.65	298.73	299.02	299.37	299.80	298.88	301.15	299.65	299.57	299.37	298.40	300.28	299.84
G 27.0	296.05	296.46	296.35	295.20	297.44	296.33	298.29	297.49	296.92	296.89	296.56	298.46	297.45
G 28.0	293.46	293.44	294.04	293.53	294.87	294.51	295.48	294.70	294.44	294.37	294.38	295.37	294.49
G 29.0	290.35	290.67	291.43	291.36	291.54	292.17	291.93	292.43	292.11	292.05	291.43	292.55	292.34
G 30.0	287.78	287.10	288.00	288.51	288.95	289.92	289.24	289.73	289.13	289.16	289.19	289.69	289.09
G 31.0	284.77	284.51	285.00	285.51	286.81	286.56	287.07	286.93	286.25	286.22	286.38	287.09	286.95
G 32.0	281.34	281.49	282.45	282.74	283.21	282.88	282.92	283.45	283.28	283.23	283.83	283.84	283.14
G 33.0	278.19	278.20	278.57	279.32	280.07	279.81	280.87	279.61	279.75	280.02	279.72	280.87	280.03
G 34.0	274.86	275.34	276.40	276.66	277.05	276.57	276.86	276.65	276.62	276.85	276.50	277.13	276.59
G 35.0	271.83	271.87	272.57	271.77	273.30	273.06	273.36	273.15	273.13	273.07	273.52	273.66	273.94
G 36.0	267.50	268.15	268.79	269.04	269.52	269.48	269.50	269.54	269.30	269.09	269.76	270.71	269.66
G 37.0	264.17	264.39	265.42	265.01	266.35	265.72	266.03	266.42	265.47	265.71	266.38	267.09	266.19
G 38.0	259.89	260.05	261.08	261.47	262.28	261.44	262.07	262.73	261.71	261.95	262.16	263.32	262.12
G 39.0	256.29	256.45	257.07	256.91	258.26	257.80	258.16	258.63	258.34	257.60	258.45	259.00	258.55
G 40.0	251.58	250.80	252.51	252.27	253.35	253.18	254.25	254.03	253.89	253.78	254.40	254.34	254.90
G 41.0	246.60	246.18	247.80	247.77	248.82	248.36	248.60	249.36	249.67	248.96	249.71	250.02	249.22
G 42.0	241.07	241.11	241.73	241.95	243.68	243.17	244.51	243.51	244.10	243.86	244.61	245.44	245.39
G 43.0	233.94	234.78	235.49	235.84	237.16	237.25	237.78	237.43	238.09	237.79	239.13	238.97	239.95
G 44.0	227.39	226.70	228.24	228.56	230.50	230.28	230.90	230.57	231.27	231.18	232.32	232.66	233.25
G 45.0	219.26	219.22	219.92	220.71	222.37	222.08	223.83	222.70	224.01	223.53	224.80	225.72	226.51
G 46.0	209.48	209.53	211.31	211.56	212.72	212.39	214.62	213.28	213.58	214.35	216.05	215.86	217.46
G 47.0	198.08	198.10	199.95	200.34	201.25	201.60	202.88	201.92	203.36	203.68	204.12	205.13	205.23
G 48.0	184.27	184.68	185.85	186.42	187.12	187.31	188.21	187.79	189.29	189.62	190.49	191.58	192.01
G 49.0	166.53	168.29	169.09	169.81	169.35	170.42	171.82	172.05	172.75	173.64	175.20	174.76	177.73
G 50.0	151.33	149.45	149.31	149.37	153.10	150.99	151.68	150.27	152.05	154.21	153.84	155.05	157.36
G 51.0	130.59	130.26	130.33	129.55	131.70	131.22	132.14	131.28	133.61	132.04	135.14	135.61	135.64
G 52.0	113.02	111.73	110.98	109.78	113.17	109.89	112.29	112.02	111.86	113.18	114.93	115.07	115.42
G 53.0	96.00	94.02	94.76	93.64	93.86	93.49	94.13	93.32	95.22	93.53	95.95	94.98	98.30
G 54.0	81.44	80.55	79.28	78.45	79.13	77.22	78.52	77.67	78.86	78.17	79.17	80.49	80.79
G 55.0	68.86	66.84	66.66	65.76	65.16	65.25	65.01	65.23	65.24	65.57	65.23	65.15	66.39
G 56.0	58.01	57.20	56.01	55.66	55.77	53.45	52.95	54.49	53.73	52.95	53.54	54.69	54.37
G 57.0	49.02	48.04	47.66	47.01	46.63	45.05	45.24	44.46	44.10	44.33	44.05	44.16	44.98
G 58.0	41.33	40.47	40.34	38.90	39.07	37.84	37.66	37.19	36.40	35.74	36.69	35.99	36.93
G 59.0	35.52	34.06	33.99	33.39	32.23	31.67	30.99	30.83	30.38	30.02	30.24	30.20	30.76
G 60.0	29.97	29.35	28.67	27.82	27.55	26.51	26.44	25.72	25.27	24.84	25.17	24.96	25.34
G 61.0	25.05	24.59	24.62	23.54	23.19	22.50	21.97	21.56	21.29	20.77	20.71	20.59	21.03
G 62.0	21.66	21.35	20.69	20.04	20.01	19.12	18.93	18.08	17.71	17.27	17.35	17.41	17.61
G 63.0	18.29	17.94	17.80	17.20	16.76	16.19	16.17	15.36	15.27	14.80	14.83	14.69	14.83
G 64.0	15.70	15.32	15.22	14.63	14.51	13.91	13.72	13.09	12.86	12.60	12.49	12.51	12.66
G 65.0	13.58	13.26	13.06	12.59	12.31	11.95	11.62	11.39	11.26	10.89	10.72	10.87	10.80
G 66.0	11.66	11.39	11.30	10.96	10.81	10.37	10.16	9.71	9.63	9.39	9.33	9.31	9.47
G 67.0	10.20	9.92	9.91	9.62	9.37	9.10	8.89	8.65	8.52	8.21	8.19	8.12	8.26
G 68.0	8.92	8.72	8.71	8.35	8.28	7.96	7.87	7.57	7.40	7.25	7.13	7.14	7.23
G 69.0	7.80	7.77	7.71	7.49	7.36	7.20	7.01	6.75	6.71	6.47	6.46	6.40	6.48
G 70.0	7.10	6.92	6.91	6.73	6.65	6.47	6.36	6.10	5.98	5.82	5.76	5.77	5.83
G 71.0	6.43	6.33	6.35	6.22	6.15	5.96	5.82	5.65	5.54	5.38	5.31	5.31	5.37
G 72.0	5.99	5.91	5.89	5.80	5.77	5.61	5.53	5.32	5.22	5.03	5.06	4.98	5.07

Luminaire			Measurem.			Lamp	
Code	TRL-20250049		Code	TRL-20250049		Code	Led
Name	SPOT grande GX53 lente Fresnel		Name	SPOT grande GX53 lente Fresnel		Number	1
Line	Eulumdat		Date	12-02-2025		Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 6/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	323.85	323.85	323.85	323.85	323.85	323.85	323.85
G 1.0	323.63	323.98	324.06	323.90	324.90	323.90	323.19
G 2.0	323.17	323.71	324.33	324.01	324.87	323.24	323.71
G 3.0	322.65	323.00	323.81	323.53	324.28	323.39	324.21
G 4.0	322.41	322.76	323.43	322.90	323.93	323.74	324.21
G 5.0	322.88	323.44	323.03	322.70	324.57	324.15	324.56
G 6.0	322.58	323.11	322.46	323.10	325.00	323.57	324.07
G 7.0	322.03	322.78	322.05	323.03	324.57	323.03	322.62
G 8.0	321.84	321.80	321.43	322.39	324.48	322.06	322.42
G 9.0	320.66	320.39	320.89	321.15	323.77	321.54	321.48
G 10.0	319.81	320.02	319.85	320.59	322.46	320.87	320.79
G 11.0	318.81	319.07	319.30	319.69	321.13	320.05	320.19
G 12.0	317.87	318.31	319.21	319.01	320.58	319.31	319.55
G 13.0	317.06	317.75	317.76	318.19	319.93	318.45	318.52
G 14.0	316.27	316.96	317.20	316.95	318.59	317.72	317.77
G 15.0	315.33	315.78	316.49	316.28	317.87	317.03	316.62
G 16.0	314.39	314.93	315.60	315.48	316.90	316.00	316.31
G 17.0	313.55	314.08	314.88	314.56	316.39	315.18	315.55
G 18.0	312.61	313.38	313.29	313.50	315.02	314.01	314.53
G 19.0	311.50	312.21	312.23	312.48	313.80	313.47	313.45
G 20.0	310.31	310.87	311.17	311.41	312.75	311.95	311.98
G 21.0	309.12	309.36	309.58	309.90	311.38	310.29	310.58
G 22.0	307.63	307.84	307.89	308.12	309.65	308.58	308.96
G 23.0	305.68	305.88	306.12	306.11	307.64	307.37	306.98
G 24.0	303.31	304.07	304.48	303.67	306.02	305.17	304.90
G 25.0	301.04	302.42	302.11	301.97	303.85	303.09	303.02
G 26.0	299.71	299.94	299.95	300.47	301.60	300.45	301.27
G 27.0	296.96	297.25	297.69	297.89	299.62	298.39	298.58
G 28.0	294.83	295.10	295.50	295.61	297.18	295.23	296.44
G 29.0	291.98	292.58	293.08	293.18	295.05	292.97	293.65
G 30.0	289.61	289.92	290.52	290.51	292.14	290.57	291.40
G 31.0	286.93	287.30	286.46	287.57	288.24	288.18	287.44
G 32.0	283.58	284.49	284.71	284.81	284.34	285.31	284.39
G 33.0	279.84	280.98	281.26	281.82	281.66	282.60	281.87
G 34.0	276.42	278.06	278.53	278.82	279.90	279.20	278.85
G 35.0	273.09	274.41	274.92	275.09	276.84	275.50	276.02
G 36.0	270.07	270.36	271.04	272.15	273.19	271.41	272.51
G 37.0	265.84	266.91	266.77	267.48	269.51	267.73	268.72
G 38.0	262.19	263.26	263.69	264.42	265.73	264.04	265.12
G 39.0	258.38	259.60	259.73	260.18	261.81	261.22	261.13
G 40.0	254.48	255.46	256.00	255.66	257.62	257.21	257.49
G 41.0	249.83	250.84	250.45	251.63	252.96	253.30	252.49
G 42.0	245.43	246.09	245.94	246.86	247.90	247.72	248.04
G 43.0	239.08	240.21	240.05	240.94	242.45	242.62	242.02
G 44.0	233.35	233.79	233.47	234.89	235.85	235.92	236.12
G 45.0	226.56	226.50	227.12	227.88	228.54	228.84	228.80
G 46.0	216.88	218.45	218.23	219.43	220.84	220.02	219.05
G 47.0	206.42	206.99	207.28	208.71	209.07	209.77	209.27
G 48.0	192.78	193.90	193.54	194.09	195.50	196.27	196.20
G 49.0	176.26	176.21	176.79	178.36	181.01	180.18	180.84
G 50.0	157.26	157.93	159.35	160.53	162.14	161.22	161.30
G 51.0	138.25	139.34	139.16	140.49	142.00	142.61	144.01
G 52.0	116.79	117.18	118.43	120.80	121.84	122.73	124.03
G 53.0	96.29	99.90	99.52	100.42	105.05	105.10	103.97
G 54.0	80.99	81.22	83.71	85.31	86.38	87.12	89.34
G 55.0	66.42	68.38	69.10	69.44	71.55	72.81	74.80
G 56.0	55.87	55.75	56.46	57.78	59.37	61.00	62.28
G 57.0	45.14	46.91	47.45	47.68	49.28	50.46	51.72
G 58.0	37.00	38.14	39.16	40.39	40.71	41.75	43.16
G 59.0	30.98	31.86	31.94	33.58	33.87	35.32	36.02
G 60.0	25.49	26.16	26.49	27.42	28.76	29.48	30.65
G 61.0	20.83	21.76	22.12	23.38	23.84	24.77	25.19
G 62.0	17.79	18.23	18.84	19.24	20.18	20.72	21.55
G 63.0	14.95	15.43	15.93	16.60	17.00	17.79	18.00
G 64.0	12.63	13.08	13.39	13.94	14.46	15.15	15.54
G 65.0	10.86	11.31	11.62	12.14	12.43	12.94	13.44
G 66.0	9.49	9.78	10.05	10.40	10.74	11.22	11.54
G 67.0	8.27	8.59	8.73	9.07	9.44	9.79	10.07
G 68.0	7.32	7.49	7.61	7.98	8.23	8.72	8.83
G 69.0	6.54	6.70	6.84	7.19	7.43	7.67	7.90
G 70.0	5.88	6.06	6.19	6.44	6.69	6.98	7.12
G 71.0	5.39	5.55	5.67	5.89	6.07	6.27	6.45
G 72.0	5.07	5.21	5.29	5.43	5.62	5.79	5.94

Luminaire				Measurem.				Lamp	
Code	TRL-20250049			Code	TRL-20250049			Code	Led
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1
Line	Eulumdat			Date	12-02-2025			Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 7/18

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	5.85	6.01	6.03	6.17	6.23	6.29	6.28	6.36	6.25	6.31	6.28	6.33	6.34
G 74.0	5.66	5.79	5.79	5.90	5.92	6.00	5.94	5.98	5.84	5.92	5.84	5.93	5.87
G 75.0	5.57	5.69	5.70	5.76	5.75	5.80	5.74	5.77	5.63	5.63	5.54	5.66	5.61
G 76.0	5.49	5.62	5.62	5.69	5.66	5.69	5.64	5.61	5.43	5.41	5.30	5.39	5.40
G 77.0	5.55	5.66	5.65	5.70	5.71	5.67	5.64	5.54	5.39	5.32	5.23	5.26	5.30
G 78.0	5.60	5.74	5.76	5.82	5.85	5.80	5.69	5.57	5.38	5.30	5.23	5.26	5.32
G 79.0	5.75	5.90	5.94	5.99	6.02	5.99	5.88	5.69	5.43	5.33	5.23	5.28	5.41
G 80.0	6.05	6.14	6.21	6.22	6.27	6.26	6.14	5.89	5.53	5.37	5.31	5.45	5.66
G 81.0	6.27	6.37	6.47	6.53	6.58	6.57	6.45	6.13	5.69	5.48	5.50	5.70	5.98
G 82.0	6.40	6.49	6.60	6.69	6.74	6.72	6.58	6.21	5.74	5.51	5.58	5.89	6.21
G 83.0	6.41	6.55	6.61	6.73	6.77	6.76	6.64	6.31	5.72	5.47	5.47	5.79	6.25
G 84.0	6.29	6.45	6.49	6.58	6.60	6.60	6.49	6.10	5.46	5.13	5.06	5.50	5.99
G 85.0	5.85	5.99	5.97	6.11	6.11	6.13	5.97	5.64	4.82	4.52	4.59	5.02	5.52
G 86.0	5.10	5.24	5.23	5.37	5.39	5.42	5.25	4.83	4.17	3.92	3.93	4.24	4.78
G 87.0	4.10	4.23	4.31	4.38	4.42	4.48	4.27	4.01	3.43	3.31	3.16	3.42	3.92
G 88.0	3.19	3.27	3.28	3.38	3.35	3.40	3.38	3.02	2.59	2.56	2.47	2.58	2.89
G 89.0	2.26	2.29	2.32	2.36	2.47	2.51	2.44	2.20	1.90	1.85	1.84	1.88	2.09
G 90.0	1.22	1.25	1.26	1.31	1.38	1.36	1.34	1.25	1.09	1.05	1.01	0.98	1.08
G 91.0	0.15	0.26	0.34	0.44	0.46	0.43	0.51	0.44	0.40	0.44	0.39	0.38	0.35
G 92.0	0.02	0.01	0.04	0.03	0.04	0.03	0.05	0.02	0.02	0.00	0.01	0.00	0.00
G 93.0	0.02	0.03	0.04	0.03	0.06	0.03	0.03	0.03	0.01	0.02	0.00	0.00	0.00
G 94.0	0.01	0.02	0.04	0.04	0.06	0.02	0.03	0.00	0.02	0.00	0.00	0.00	0.00
G 95.0	0.03	0.04	0.03	0.03	0.04	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp	
Code	TRL-20250049			Code	TRL-20250049			Code	Led
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1
Line	Eulumdat			Date	12-02-2025			Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 8/18

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 73.0	6.41	6.33	6.40	6.30	6.29	6.23	6.23	6.05	5.95	5.71	5.53	5.28	5.19
G 74.0	6.00	5.92	5.96	5.79	5.81	5.70	5.63	5.46	5.40	5.15	5.09	4.83	4.71
G 75.0	5.60	5.55	5.56	5.45	5.44	5.29	5.23	5.15	5.01	4.82	4.69	4.47	4.34
G 76.0	5.40	5.34	5.32	5.24	5.13	5.04	4.97	4.79	4.71	4.53	4.42	4.22	4.10
G 77.0	5.30	5.22	5.19	5.07	5.03	4.86	4.79	4.61	4.51	4.31	4.21	4.03	3.94
G 78.0	5.33	5.24	5.16	5.05	4.93	4.79	4.66	4.50	4.35	4.20	4.07	3.93	3.85
G 79.0	5.48	5.36	5.25	5.10	4.98	4.85	4.70	4.55	4.38	4.18	4.07	3.90	3.79
G 80.0	5.72	5.62	5.46	5.28	5.16	5.02	4.90	4.71	4.51	4.31	4.14	3.96	3.83
G 81.0	6.03	5.96	5.76	5.58	5.40	5.19	5.05	4.84	4.64	4.45	4.32	4.10	3.95
G 82.0	6.31	6.23	6.06	5.83	5.67	5.44	5.25	4.99	4.77	4.51	4.31	4.10	3.99
G 83.0	6.41	6.31	6.18	5.97	5.74	5.54	5.29	5.05	4.82	4.55	4.36	4.18	4.07
G 84.0	6.22	6.19	6.04	5.83	5.62	5.41	5.18	4.94	4.71	4.45	4.24	4.07	3.98
G 85.0	5.70	5.75	5.64	5.47	5.29	4.99	4.82	4.57	4.42	4.16	3.95	3.83	3.71
G 86.0	5.04	4.97	4.88	4.64	4.60	4.34	4.15	3.89	3.81	3.64	3.55	3.40	3.27
G 87.0	4.13	4.07	4.03	3.78	3.74	3.54	3.48	3.28	3.16	3.03	2.86	2.80	2.68
G 88.0	3.05	3.10	3.02	2.80	2.74	2.61	2.49	2.34	2.32	2.12	2.08	1.93	1.94
G 89.0	2.20	2.17	2.09	1.95	1.84	1.77	1.67	1.56	1.41	1.30	1.23	1.02	0.93
G 90.0	1.19	1.13	1.20	0.95	0.83	0.65	0.47	0.35	0.15	0.09	0.00	0.05	0.00
G 91.0	0.38	0.27	0.09	0.10	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measur.				Lamp							
Code	TRL-20250049			Code	TRL-20250049			Code	Led						
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1						
Line	Eulumdat			Date	12-02-2025			Position							
Luminaire Flux		700.19 lm		Luminaire Power		8.01 W		Efficacy		87.38 lm/W		Efficiency		100.01%	
Lamps Flux		700.14 lm		Maximum value		325.05 cd		Position		C=165.00 G=2.00		CG		Asymmetrical	
Luminous Intensity Table cd														Table 9/18	
	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00		
G 73.0	5.02	5.01	4.93	5.02	4.98	5.19	5.30	5.47	5.53	5.74	5.64	5.67	5.70		
G 74.0	4.54	4.57	4.49	4.57	4.64	4.81	4.90	5.11	5.17	5.33	5.33	5.33	5.47		
G 75.0	4.21	4.20	4.18	4.21	4.28	4.48	4.59	4.76	4.84	5.01	5.03	5.09	5.20		
G 76.0	3.97	3.95	3.94	4.00	4.04	4.23	4.35	4.55	4.64	4.77	4.85	4.93	5.05		
G 77.0	3.82	3.78	3.79	3.85	3.88	4.07	4.21	4.37	4.47	4.60	4.73	4.84	5.01		
G 78.0	3.75	3.75	3.68	3.76	3.83	3.96	4.09	4.28	4.38	4.54	4.74	4.85	5.05		
G 79.0	3.72	3.72	3.66	3.72	3.85	3.95	4.07	4.24	4.41	4.57	4.77	4.89	5.16		
G 80.0	3.77	3.73	3.73	3.77	3.85	3.98	4.12	4.29	4.47	4.64	4.88	5.06	5.29		
G 81.0	3.85	3.78	3.79	3.84	3.91	4.08	4.21	4.44	4.59	4.77	5.07	5.25	5.48		
G 82.0	3.88	3.86	3.83	3.90	3.99	4.18	4.33	4.57	4.77	4.95	5.24	5.43	5.64		
G 83.0	3.98	3.91	3.90	3.97	4.08	4.23	4.41	4.60	4.80	5.04	5.28	5.42	5.70		
G 84.0	3.88	3.84	3.80	3.85	3.96	4.15	4.31	4.50	4.69	4.93	5.06	5.20	5.46		
G 85.0	3.63	3.62	3.63	3.63	3.72	3.86	4.00	4.19	4.39	4.62	4.60	4.75	5.00		
G 86.0	3.25	3.30	3.22	3.30	3.31	3.44	3.60	3.76	3.91	4.02	3.98	4.09	4.31		
G 87.0	2.65	2.63	2.58	2.67	2.71	2.89	3.03	3.26	3.37	3.46	3.27	3.43	3.69		
G 88.0	1.84	1.91	1.82	1.80	1.94	2.12	2.18	2.37	2.51	2.69	2.45	2.54	2.82		
G 89.0	0.84	0.86	0.79	1.06	1.04	1.23	1.40	1.62	1.73	1.84	1.43	1.62	1.78		
G 90.0	0.04	0.00	0.03	0.03	0.05	0.05	0.07	0.12	0.26	0.49	0.16	0.29	0.52		
G 91.0	0.01	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.03	0.01	0.00	0.00	0.02		
G 92.0	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.02	0.00	0.00	0.00		
G 93.0	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.02		
G 94.0	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01		
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01		
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Luminaire				Measurem.				Lamp	
Code	TRL-20250049			Code	TRL-20250049			Code	Led
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1
Line	Eulumdat			Date	12-02-2025			Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 10/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 73.0	5.71	5.71	5.72	5.75	5.70	5.66	5.60	5.65	5.60	5.68	5.65	5.70	5.66
G 74.0	5.41	5.48	5.45	5.52	5.46	5.50	5.41	5.45	5.48	5.58	5.57	5.60	5.57
G 75.0	5.26	5.35	5.35	5.41	5.35	5.34	5.32	5.38	5.41	5.57	5.57	5.61	5.56
G 76.0	5.15	5.33	5.31	5.34	5.28	5.29	5.26	5.38	5.44	5.61	5.65	5.75	5.70
G 77.0	5.12	5.28	5.31	5.37	5.33	5.30	5.29	5.44	5.53	5.71	5.82	5.92	5.91
G 78.0	5.15	5.31	5.38	5.48	5.39	5.36	5.38	5.50	5.67	5.91	6.03	6.13	6.10
G 79.0	5.32	5.48	5.55	5.64	5.55	5.49	5.45	5.66	5.90	6.24	6.37	6.45	6.44
G 80.0	5.47	5.70	5.82	5.86	5.73	5.58	5.53	5.77	6.13	6.50	6.77	6.94	6.80
G 81.0	5.68	5.93	6.05	6.04	5.90	5.67	5.57	5.87	6.29	6.75	6.93	7.02	7.01
G 82.0	5.84	6.07	6.15	6.20	5.97	5.65	5.47	5.83	6.31	6.88	7.06	7.22	7.15
G 83.0	5.86	6.08	6.15	6.12	5.86	5.47	5.28	5.62	6.23	6.85	7.07	7.22	7.12
G 84.0	5.65	5.87	5.93	5.90	5.56	5.06	4.69	5.16	5.87	6.48	6.71	6.84	6.77
G 85.0	5.17	5.43	5.40	5.41	5.09	4.44	4.10	4.55	5.21	5.91	5.97	6.21	6.12
G 86.0	4.48	4.65	4.69	4.70	4.33	3.83	3.50	3.76	4.34	5.00	5.15	5.36	5.28
G 87.0	3.77	3.89	3.92	3.96	3.73	3.27	2.96	3.09	3.65	4.08	4.33	4.32	4.31
G 88.0	2.89	3.04	3.06	3.13	2.88	2.52	2.31	2.37	2.73	3.13	3.31	3.36	3.25
G 89.0	1.81	1.96	2.06	2.19	1.93	1.77	1.67	1.74	1.92	2.33	2.45	2.43	2.44
G 90.0	0.63	0.77	0.86	0.90	0.87	0.82	0.81	0.81	0.88	1.01	1.04	1.12	1.07
G 91.0	0.02	0.06	0.11	0.00	0.21	0.26	0.29	0.30	0.40	0.39	0.37	0.40	0.31
G 92.0	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp	
Code	TRL-20250049			Code	TRL-20250049			Code	Led
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1
Line	Eulumdat			Date	12-02-2025			Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 11/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 73.0	5.74	5.65	5.66	5.55	5.53	5.39	5.30	5.12	5.00	4.87	4.86	4.81	4.86
G 74.0	5.61	5.53	5.56	5.43	5.39	5.30	5.21	5.04	4.94	4.85	4.82	4.73	4.75
G 75.0	5.59	5.53	5.58	5.45	5.42	5.27	5.20	5.07	4.97	4.87	4.81	4.72	4.74
G 76.0	5.73	5.66	5.63	5.57	5.52	5.36	5.30	5.15	5.06	4.88	4.83	4.81	4.79
G 77.0	5.90	5.84	5.81	5.70	5.68	5.53	5.42	5.25	5.15	5.00	4.94	4.91	4.90
G 78.0	6.14	6.04	5.99	5.89	5.79	5.68	5.56	5.42	5.30	5.19	5.09	5.02	4.99
G 79.0	6.43	6.31	6.26	6.14	6.00	5.89	5.78	5.61	5.53	5.42	5.33	5.23	5.20
G 80.0	6.81	6.64	6.62	6.50	6.39	6.18	6.06	5.89	5.78	5.63	5.60	5.56	5.52
G 81.0	6.95	6.87	6.80	6.65	6.55	6.38	6.28	6.08	5.98	5.81	5.75	5.69	5.77
G 82.0	7.09	6.95	6.90	6.71	6.63	6.46	6.35	6.17	6.07	5.93	5.88	5.86	5.84
G 83.0	7.09	6.90	6.85	6.66	6.59	6.40	6.32	6.17	6.08	5.98	5.94	5.89	5.85
G 84.0	6.77	6.62	6.56	6.39	6.35	6.14	6.10	5.92	5.94	5.73	5.72	5.59	5.63
G 85.0	6.16	6.01	6.02	5.86	5.78	5.57	5.50	5.39	5.32	5.24	5.21	5.07	5.11
G 86.0	5.27	5.16	5.13	4.95	4.99	4.74	4.71	4.58	4.59	4.49	4.49	4.39	4.44
G 87.0	4.34	4.20	4.17	3.99	3.92	3.90	3.84	3.79	3.80	3.71	3.74	3.65	3.62
G 88.0	3.24	3.06	3.05	2.94	2.97	2.87	2.88	2.79	2.75	2.74	2.69	2.61	2.60
G 89.0	2.35	2.24	2.15	2.08	2.16	2.01	2.01	2.02	1.95	1.93	1.89	1.83	1.89
G 90.0	1.03	0.91	1.01	0.83	0.74	0.71	0.60	0.41	0.40	0.35	0.19	0.11	0.20
G 91.0	0.22	0.14	0.00	0.05	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.02	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measurem.		Lamp	
Code	TRL-20250049	Code	TRL-20250049	Code	Led
Name	SPOT grande GX53 lente Fresnel	Name	SPOT grande GX53 lente Fresnel	Number	1
Line	Eulumdat	Date	12-02-2025	Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 12/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	4.86	4.97	5.02	5.24	5.36	5.56	5.65
G 74.0	4.75	4.87	4.90	5.05	5.19	5.37	5.50
G 75.0	4.74	4.85	4.89	5.05	5.17	5.36	5.45
G 76.0	4.79	4.90	4.94	5.07	5.18	5.37	5.41
G 77.0	4.90	4.99	5.04	5.14	5.26	5.42	5.47
G 78.0	4.99	5.12	5.18	5.27	5.37	5.50	5.61
G 79.0	5.21	5.23	5.36	5.45	5.57	5.68	5.75
G 80.0	5.49	5.53	5.66	5.73	5.83	5.94	6.01
G 81.0	5.74	5.78	5.82	5.95	6.05	6.15	6.19
G 82.0	5.86	5.91	5.94	6.08	6.16	6.26	6.33
G 83.0	5.86	5.95	5.97	6.07	6.15	6.27	6.30
G 84.0	5.62	5.72	5.76	5.83	5.88	6.08	6.05
G 85.0	5.08	5.21	5.25	5.34	5.39	5.43	5.48
G 86.0	4.42	4.47	4.49	4.47	4.59	4.57	4.58
G 87.0	3.65	3.63	3.58	3.70	3.67	3.70	3.67
G 88.0	2.64	2.62	2.61	2.67	2.63	2.68	2.69
G 89.0	1.77	1.81	1.81	1.89	1.85	1.93	1.84
G 90.0	0.15	0.25	0.31	0.39	0.46	0.54	0.65
G 91.0	0.02	0.02	0.05	0.02	0.01	0.04	0.02
G 92.0	0.02	0.00	0.04	0.02	0.03	0.04	0.00
G 93.0	0.01	0.02	0.02	0.01	0.02	0.03	0.02
G 94.0	0.01	0.01	0.01	0.02	0.00	0.03	0.02
G 95.0	0.00	0.01	0.02	0.01	0.01	0.02	0.01
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp	
Code	TRL-20250049			Code	TRL-20250049			Code	Led
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1
Line	Eulumdat			Date	12-02-2025			Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 13/18

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp	
Code	TRL-20250049			Code	TRL-20250049			Code	Led
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1
Line	Eulumdat			Date	12-02-2025			Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 14/18

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp	
Code	TRL-20250049			Code	TRL-20250049			Code	Led
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1
Line	Eulumdat			Date	12-02-2025			Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 15/18

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp			
Code	TRL-20250049			Code	TRL-20250049			Code	Led		
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1		
Line	Eulumdat			Date	12-02-2025			Position			

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 16/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp			
Code	TRL-20250049			Code	TRL-20250049			Code	Led		
Name	SPOT grande GX53 lente Fresnel			Name	SPOT grande GX53 lente Fresnel			Number	1		
Line	Eulumdat			Date	12-02-2025			Position			

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 17/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measurem.		Lamp	
Code	TRL-20250049	Code	TRL-20250049	Code	Led
Name	SPOT grande GX53 lente Fresnel	Name	SPOT grande GX53 lente Fresnel	Number	1
Line	Eulumdat	Date	12-02-2025	Position	

Luminaire Flux	700.19 lm	Luminaire Power	8.01 W	Efficacy	87.38 lm/W	Efficiency	100.01%
Lamps Flux	700.14 lm	Maximum value	325.05 cd	Position	C=165.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 18/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00