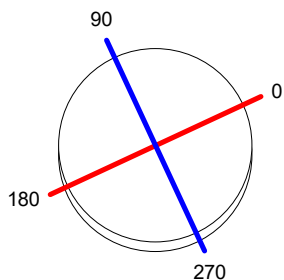


Luminaire			Measurem.			Lamp	
Code	TRL-20250041		Code	TRL-20250041		Code	Led
Name	SPOT piccolo LED lente Fresnel		Name	SPOT piccolo LED lente Fresnel		Number	1
Line	Eulumdat		Date	07-02-2025		Position	
Luminaire Flux		875.81 lm	Luminaire Power		11.87 W	Efficacy	73.78 lm/W
Lamps Flux		875.67 lm	Maximum value		958.88 cd	Position	C=315.00 G=19.00
Round Luminaire		Diam.	126 mm		Height	70 mm	
Round Luminous Area		Diam.	120 mm		Height	0 mm	
Horizontal Luminous Area		0.011310 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°		0.002736 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		07-02-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		875.67 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]	
		Led		Name		875.67	
				Led - 11.87 W			
C.I.E.		92 97 99 100 100		D DIN 5040		A60	
F UTE		1.00 A		B NBN		BZ 1	

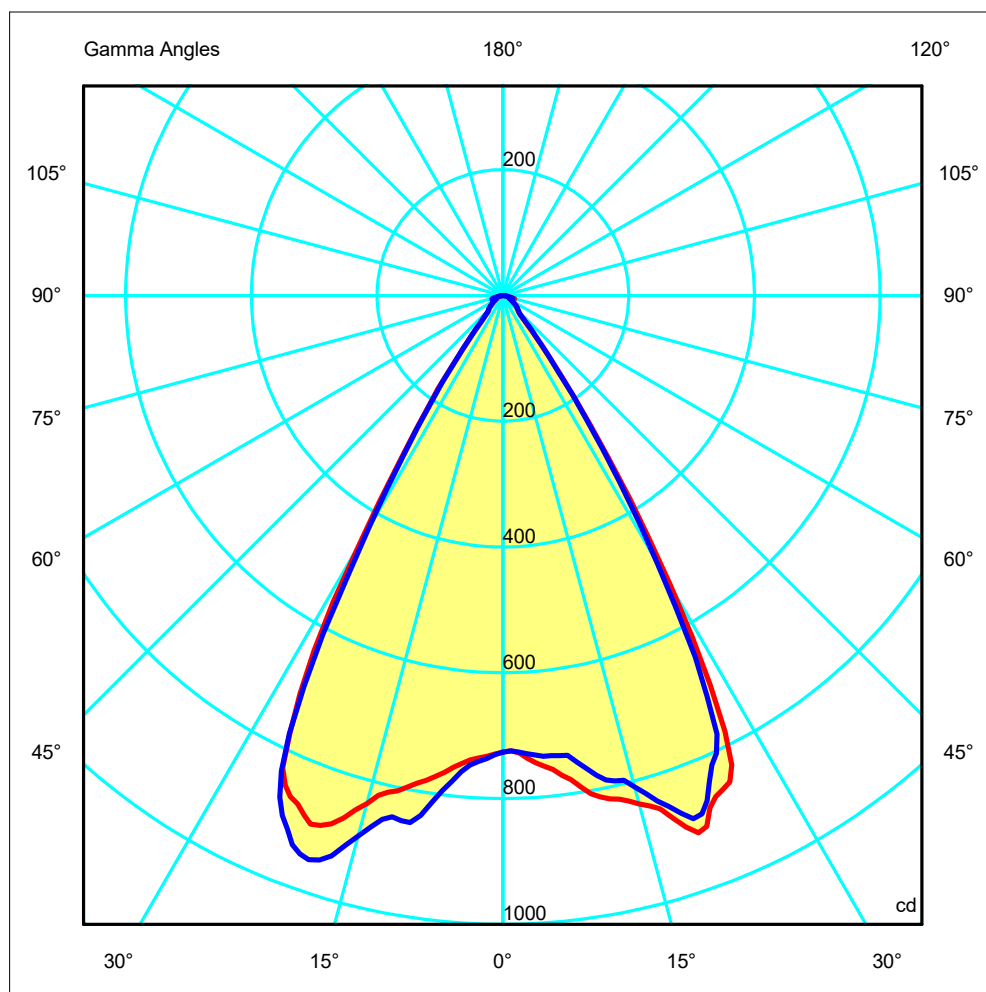
Diam=126mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.04 %
DLOR 99.98 %
RN 0.04 %



Luminaire				Measur.				Lamp					
Code	TRL-20250041			Code	TRL-20250041			Code	Led				
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1				
Line	Eulumdat			Date	07-02-2025			Position					
Luminaire Flux	875.81 lm			Luminaire Power	11.87 W			Efficacy	73.78 lm/W				
Lamps Flux	875.67 lm			Maximum value	958.88 cd			Position	C=315.00 G=19.00				
				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	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27
G 1.0	724.21	723.41	722.71	723.51	723.08	723.21	721.87	722.80	722.81	723.76	722.16	723.01	722.28
G 2.0	727.66	729.30	727.68	728.07	727.73	726.77	725.99	727.81	727.10	727.54	725.71	726.00	725.32
G 3.0	736.54	736.98	735.35	735.97	735.28	735.36	733.26	732.52	733.12	732.44	729.89	730.04	729.53
G 4.0	744.51	744.92	743.01	743.17	742.72	741.66	738.91	737.28	736.68	735.73	733.55	732.83	731.05
G 5.0	751.54	750.98	747.21	746.48	745.76	743.80	740.84	738.83	738.72	737.75	734.45	733.87	731.04
G 6.0	757.80	754.83	751.43	750.29	748.09	745.96	743.16	741.90	740.20	739.51	737.66	737.52	736.59
G 7.0	768.58	764.87	758.31	754.84	751.47	750.17	746.36	745.56	745.20	743.49	738.61	737.14	737.21
G 8.0	777.35	774.80	768.86	767.53	762.97	757.92	754.87	753.72	753.67	752.11	744.60	743.60	745.08
G 9.0	791.35	790.69	785.18	781.70	775.83	772.06	772.21	769.43	770.94	767.80	762.71	761.63	757.57
G 10.0	804.45	802.51	798.61	793.30	789.18	785.55	780.62	782.22	780.50	780.69	773.23	770.76	766.56
G 11.0	812.18	809.53	803.53	797.98	794.95	793.39	786.66	789.31	789.92	790.29	782.80	780.13	777.59
G 12.0	818.08	815.87	808.20	801.25	794.59	793.14	794.37	796.43	795.24	797.71	792.81	787.78	782.23
G 13.0	821.78	820.39	811.16	803.04	795.19	797.10	797.40	801.05	799.91	800.79	795.30	790.44	785.99
G 14.0	828.67	826.61	816.18	807.11	801.34	801.76	798.61	803.43	803.63	806.37	806.18	801.34	792.13
G 15.0	837.12	832.01	825.21	817.03	814.81	818.58	813.42	818.09	813.75	817.41	818.16	815.88	804.18
G 16.0	844.39	839.91	839.27	832.41	829.26	832.38	830.11	834.74	829.74	828.37	830.03	830.85	820.01
G 17.0	853.51	852.03	848.43	845.98	843.68	846.33	845.93	851.34	845.28	842.94	842.70	847.50	839.37
G 18.0	873.49	869.96	861.56	853.40	853.24	854.41	854.46	861.35	857.30	850.54	848.08	860.17	855.64
G 19.0	894.04	889.60	871.00	865.02	861.09	860.42	864.28	869.16	866.43	857.22	856.41	864.85	862.41
G 20.0	909.43	902.02	884.71	881.69	871.78	868.07	869.69	875.55	878.05	863.80	864.83	868.25	864.08
G 21.0	904.36	905.88	893.21	890.02	883.21	875.19	870.99	868.10	873.24	864.24	861.87	870.48	863.10
G 22.0	878.78	896.87	892.76	881.19	878.86	879.30	861.06	852.89	863.79	850.96	848.93	854.08	851.56
G 23.0	865.49	880.95	880.17	865.72	865.48	869.52	847.81	839.76	848.36	840.32	832.23	834.08	827.59
G 24.0	859.98	874.39	869.67	851.48	850.74	861.18	843.55	836.12	844.33	835.84	821.66	817.72	804.58
G 25.0	853.11	862.77	856.48	845.11	837.75	841.53	835.43	839.34	840.30	834.55	825.08	806.08	794.42
G 26.0	830.20	833.79	828.77	821.32	823.04	823.32	821.39	827.13	817.40	816.30	817.75	797.54	780.35
G 27.0	778.29	780.21	780.80	773.87	787.67	786.05	783.28	785.78	777.92	772.34	772.51	755.57	731.84
G 28.0	701.80	713.16	727.13	704.78	723.89	730.34	728.04	713.27	724.12	705.78	702.10	688.14	677.20
G 29.0	619.71	635.92	651.45	635.11	631.20	653.49	651.25	640.40	640.35	633.19	616.44	612.14	607.19
G 30.0	532.63	544.22	562.59	545.51	545.65	560.11	558.75	547.32	556.82	565.93	524.20	516.63	515.23
G 31.0	451.71	460.87	480.04	452.70	466.26	479.85	467.44	456.72	463.57	456.16	437.69	437.00	439.45
G 32.0	381.00	373.26	379.15	369.92	377.89	397.28	389.01	373.14	394.23	386.70	366.29	360.42	369.53
G 33.0	307.09	303.89	313.78	306.82	313.04	313.19	318.93	304.14	314.83	310.60	309.48	303.52	302.56
G 34.0	248.41	243.19	256.64	249.77	254.15	253.79	256.16	255.19	260.05	259.62	246.28	244.71	243.86
G 35.0	196.77	201.26	201.32	197.46	195.19	208.03	209.58	206.04	206.23	209.39	204.51	197.91	202.98
G 36.0	157.47	159.70	155.15	161.56	162.89	163.65	163.84	163.75	166.91	167.60	163.44	163.79	160.26
G 37.0	124.14	125.92	124.17	124.13	126.63	128.06	127.90	127.02	131.54	130.87	131.40	129.48	128.07
G 38.0	100.14	98.66	99.48	98.70	106.97	101.15	105.12	104.14	103.08	105.72	103.18	108.16	105.75
G 39.0	77.09	79.48	79.72	79.22	84.89	82.15	80.32	82.31	83.93	85.30	89.81	93.08	90.65
G 40.0	60.99	62.51	63.24	63.90	63.61	66.89	64.36	67.36	68.98	72.13	70.69	71.77	71.45
G 41.0	50.17	50.44	50.22	48.73	50.40	50.53	52.90	53.66	54.35	57.52	54.11	53.10	55.11
G 42.0	41.17	41.74	41.17	40.97	40.83	41.82	41.52	41.67	42.17	43.16	42.37	40.73	40.80
G 43.0	37.15	37.54	37.02	36.67	35.87	36.14	35.89	36.02	36.39	36.17	36.13	35.85	35.69
G 44.0	34.81	34.80	34.58	34.67	34.16	34.17	33.55	33.88	33.77	34.01	34.12	33.71	33.42
G 45.0	33.52	33.61	33.49	33.46	33.09	33.53	32.86	32.94	32.78	32.85	33.01	32.71	32.43
G 46.0	32.61	32.94	32.45	32.89	32.59	32.86	32.46	32.44	32.28	32.37	32.51	32.15	31.85
G 47.0	32.05	32.23	31.93	32.31	32.17	32.18	32.25	32.06	31.98	31.73	31.59	31.38	31.17
G 48.0	31.13	31.55	31.45	31.70	31.45	31.14	31.28	31.18	30.89	30.67	30.67	30.48	30.20
G 49.0	30.39	30.88	30.74	31.11	30.52	30.12	30.01	29.75	29.60	29.60	29.41	29.08	28.59
G 50.0	28.95	29.64	29.41	29.75	29.57	28.63	28.24	28.25	28.05	28.16	28.12	27.70	27.29
G 51.0	28.00	28.43	28.11	28.34	28.14	27.28	26.91	26.72	26.57	26.75	26.63	26.51	25.95
G 52.0	26.60	27.32	26.47	26.54	26.12	25.87	25.66	25.41	25.24	25.30	25.23	25.11	24.85
G 53.0	25.33	25.84	25.04	24.97	24.65	24.33	24.24	24.03	23.88	23.93	23.97	23.90	23.48
G 54.0	23.95	24.52	23.59	23.70	23.31	23.18	22.83	22.95	22.90	22.83	22.86	22.50	22.25
G 55.0	22.99	23.15	22.70	22.59	22.09	21.80	21.68	21.91	21.71	21.82	21.65	21.33	20.91
G 56.0	21.79	22.07	21.77	21.54	20.96	20.82	20.76	20.86	20.48	20.59	20.31	20.09	19.86
G 57.0	20.59	20.65	20.54	20.37	19.94	19.62	19.68	19.55	19.42	19.39	19.29	19.05	18.88
G 58.0	19.24	19.38	18.96	18.74	18.48	18.28	18.28	18.40	18.36	18.33	18.08	17.93	17.65
G 59.0	18.06	18.12	17.91	17.69	17.35	17.18	17.16	17.10	17.07	17.00	16.81	16.72	16.59
G 60.0	16.70	16.99	16.84	16.59	16.31	16.42	16.05	16.25	15.82	15.88	15.63	15.57	15.47
G 61.0	15.94	15.96	15.76	15.57	15.39	15.33	15.12	15.11	14.89	14.82	14.63	14.58	14.64
G 62.0	14.84	15.01	14.73	14.62	14.41	14.43	14.34	14.32	13.94	13.98	13.77	13.67	13.57
G 63.0	13.71	13.82	13.77	13.72	13.57	13.50	13.46	13.40	13.09	13.01	12.87	12.87	12.87
G 64.0	12.85	13.00	12.93	12.85	12.77	12.86	12.71	12.68	12.40	12.20	12.19	12.11	12.10
G 65.0	12.23	12.36	12.22	12.13	12.07	12.13	12.00	11.88	11.75	11.59	11.51	11.51	11.53
G 66.0	11.72	11.87											

Luminaire				Measurem.				Lamp	
Code	TRL-20250041			Code	TRL-20250041			Code	Led
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1
Line	Eulumdat			Date	07-02-2025			Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27
G 1.0	724.13	723.25	723.28	723.80	724.85	724.24	724.15	725.30	726.28	726.43	726.92	727.68	727.83
G 2.0	728.20	726.40	726.16	725.72	726.31	726.33	725.74	728.50	728.77	729.46	730.87	731.70	733.88
G 3.0	731.54	729.74	729.86	728.66	728.22	729.38	730.38	731.63	733.55	731.30	734.73	736.16	737.66
G 4.0	732.15	730.02	731.42	732.13	731.30	732.19	731.89	735.23	736.46	737.60	739.27	742.67	745.20
G 5.0	732.18	731.43	732.18	732.18	734.04	732.24	735.64	741.68	745.49	748.03	748.32	749.27	749.26
G 6.0	739.51	733.43	734.16	733.42	731.43	735.53	737.09	742.37	746.48	748.58	751.03	752.16	752.29
G 7.0	738.13	734.87	734.02	734.16	733.63	737.09	739.33	744.04	750.39	750.40	753.10	755.58	757.92
G 8.0	741.46	738.13	737.84	736.91	736.46	738.09	742.32	746.66	753.82	755.66	760.41	763.11	763.43
G 9.0	752.19	744.10	743.58	746.86	749.47	751.19	756.89	759.60	762.85	761.03	769.05	773.49	772.72
G 10.0	761.35	755.00	754.16	754.24	762.99	763.75	766.30	768.00	774.11	775.11	779.47	784.74	787.82
G 11.0	771.89	762.62	762.87	765.50	775.31	777.07	780.05	783.10	788.26	790.75	790.77	794.60	797.38
G 12.0	774.95	766.63	768.21	774.22	783.52	787.40	788.75	790.54	794.49	796.74	802.17	800.93	806.34
G 13.0	779.32	773.51	772.30	779.29	786.61	792.14	795.95	795.92	797.81	797.90	804.67	804.92	807.74
G 14.0	785.96	780.16	777.74	782.73	789.51	794.49	801.03	801.64	800.55	804.46	811.63	808.40	809.77
G 15.0	795.74	786.94	789.21	795.09	801.54	809.13	806.66	807.37	807.26	813.24	819.61	815.70	820.80
G 16.0	813.51	806.62	815.46	820.02	821.44	823.47	824.84	827.41	828.26	827.31	828.56	830.17	835.83
G 17.0	833.73	827.79	841.80	846.16	841.02	840.49	843.72	843.08	852.70	847.94	844.88	850.52	858.72
G 18.0	851.25	855.24	858.64	861.26	855.53	854.69	857.29	862.57	867.72	861.39	860.29	870.84	884.34
G 19.0	862.53	875.73	875.29	869.24	868.21	870.95	872.40	868.95	876.91	875.14	879.05	890.11	901.12
G 20.0	869.07	885.68	881.30	874.44	877.21	885.18	884.43	881.11	892.69	891.85	894.25	906.56	913.37
G 21.0	864.85	879.12	876.50	871.63	870.45	882.97	889.17	886.99	891.93	899.13	901.96	913.65	920.86
G 22.0	841.92	848.13	856.02	852.12	846.94	866.80	879.28	875.72	883.87	898.08	900.51	910.63	919.08
G 23.0	818.47	815.68	821.01	823.91	817.59	840.08	861.67	862.13	872.84	890.28	894.68	903.66	909.01
G 24.0	793.31	783.80	789.71	794.91	794.15	816.79	839.91	846.63	866.36	880.68	889.35	894.72	900.47
G 25.0	777.40	755.83	754.24	756.86	771.83	803.62	824.96	834.85	866.83	876.43	885.09	889.18	894.73
G 26.0	749.20	726.55	718.32	723.15	737.04	776.21	801.46	815.96	843.31	856.33	862.95	869.15	875.99
G 27.0	702.83	673.98	665.37	673.08	673.30	715.20	751.20	780.39	799.10	808.55	814.73	821.78	824.97
G 28.0	645.98	613.76	595.92	602.83	607.05	651.11	691.11	712.00	721.29	742.30	744.09	752.07	754.07
G 29.0	572.16	550.17	528.72	526.70	538.10	565.45	615.99	623.77	635.27	656.00	642.36	675.05	670.56
G 30.0	493.65	469.38	457.83	458.25	471.70	489.62	530.98	530.65	537.70	551.09	543.83	562.60	542.45
G 31.0	417.67	402.00	391.24	393.77	392.98	418.90	439.65	440.52	444.03	460.37	450.55	472.61	471.53
G 32.0	346.03	343.94	325.73	334.78	331.97	349.83	365.39	363.88	366.43	374.25	374.76	378.63	378.64
G 33.0	291.11	278.81	272.49	269.58	277.86	290.35	303.65	293.93	301.88	302.14	298.80	307.25	314.23
G 34.0	234.07	229.23	226.37	228.18	231.72	236.20	244.27	246.27	251.56	254.22	253.37	251.29	249.20
G 35.0	191.45	185.92	180.69	182.05	186.30	192.74	196.53	194.71	207.22	209.28	206.75	205.83	202.34
G 36.0	157.03	150.51	150.19	150.10	152.79	149.65	156.99	160.80	163.06	168.05	167.55	169.29	168.74
G 37.0	125.36	124.73	119.63	123.22	119.77	121.10	123.42	125.81	128.67	133.82	130.99	132.52	128.44
G 38.0	102.35	100.05	101.21	101.91	99.39	100.84	102.25	104.07	104.29	106.43	102.05	100.24	101.44
G 39.0	90.05	86.34	83.81	85.72	81.35	81.68	83.76	84.69	83.74	82.97	79.78	79.79	78.32
G 40.0	72.14	67.77	69.16	66.74	67.49	68.48	66.73	67.82	67.70	66.63	63.87	64.05	64.13
G 41.0	53.18	50.71	49.45	49.09	51.45	52.58	51.08	52.71	53.55	52.58	52.87	52.90	53.05
G 42.0	40.23	39.84	39.25	39.83	40.93	42.43	43.32	44.67	44.33	44.22	45.34	45.75	45.75
G 43.0	35.52	34.91	35.19	36.09	36.59	38.29	39.45	39.77	40.79	40.82	41.58	42.24	41.70
G 44.0	33.80	33.30	33.41	34.29	35.15	36.23	37.13	37.70	38.62	38.59	39.16	39.49	39.20
G 45.0	32.85	32.48	32.75	33.55	33.70	34.75	35.45	35.80	36.96	36.71	37.18	37.17	37.09
G 46.0	32.19	31.73	32.23	32.54	32.81	33.56	34.15	34.57	35.50	35.37	35.42	35.44	35.45
G 47.0	31.32	30.82	31.65	31.94	31.97	32.49	32.88	32.98	33.65	33.29	33.88	33.65	33.82
G 48.0	30.17	29.82	30.39	30.68	30.84	31.29	31.49	31.40	31.91	31.61	32.03	32.03	32.46
G 49.0	29.02	28.52	29.28	29.32	29.40	29.75	29.94	30.10	30.62	30.46	30.77	30.41	30.97
G 50.0	27.56	27.37	27.77	27.65	28.05	28.51	28.56	28.76	29.31	29.23	29.35	29.13	29.21
G 51.0	26.28	25.91	26.21	26.41	26.79	27.17	27.29	27.40	28.13	27.93	28.09	27.56	27.82
G 52.0	25.00	24.55	24.80	24.98	25.33	25.71	25.97	26.13	26.68	26.52	26.68	26.60	26.34
G 53.0	23.56	23.26	23.35	23.63	23.96	24.31	24.57	24.76	25.19	25.01	25.32	24.83	24.92
G 54.0	22.32	21.90	22.07	22.16	22.52	22.97	23.04	23.53	23.81	23.54	23.61	23.50	23.34
G 55.0	20.92	20.67	20.77	20.97	21.25	21.41	21.76	22.18	22.42	22.48	22.60	22.19	22.09
G 56.0	19.79	19.53	19.57	19.86	20.05	20.10	20.62	20.74	21.09	21.01	21.12	20.97	20.85
G 57.0	18.78	18.56	18.55	18.70	18.93	19.07	19.32	19.57	19.82	19.89	19.89	19.68	19.76
G 58.0	17.67	17.43	17.56	17.63	17.89	18.02	18.35	18.44	18.74	18.76	18.79	18.57	18.54
G 59.0	16.71	16.56	16.69	16.84	17.03	17.08	17.33	17.32	17.64	17.55	17.69	17.39	17.40
G 60.0	15.69	15.44	15.67	15.81	15.89	16.03	16.30	16.36	16.60	16.51	16.68	16.44	16.33
G 61.0	14.67	14.57	14.68	14.78	15.05	15.09	15.32	15.33	15.56	15.52	15.66	15.45	15.29
G 62.0	13.71	13.62	13.79	13.79	14.13	14.24	14.35	14.47	14.64	14.60	14.81	14.52	14.46
G 63.0	12.80	12.85	13.00	13.10	13.38	13.36	13.69	13.76	13.84	13.81	13.92	13.74	13.63
G 64.0	12.19	12.19	12.27	12.42	12.63	12.69	12.87	12.92	13.01	12.95	13.08	12.87	12.91
G 65.0	11.66	11.64	11.77	11.89	12.08	12.06	12.24	12.26	12.31	12.15	12.20	12.07	12.12
G 66.0	11.20	11.22	11.35	11.35	11.55	11.58	11.65	11.64	11.74	11.60	11.68	11.49	11.54
G 67.0	10.75	10.88	10.91	10.99	11.19	11.20	11.26	11.24	11.28	11.12	11.20	11.14	11.07
G 68.0	10.42	10.63	10.66	10.74	10.98	10.96	11.03	11.12	11.06	10.91	10.94	10.90	10.84
G 69.0	10.32	10.48	10.61	10.61	10.73	10.80	11.02	10.99	11.06	10.93	11.04	10.94	10.78
G 70.0	10.44	10.57	10.72	10.82	11.04	11.06	11.32	11.62	11.69	11.80	11.74	11.64	11.56
G 71.0	10.95	11.02	11.17	11.41	11.91	11.77	12.14	12.73	12.94	12.86	12.62	12.79	12.80
G 72.0	11.91	12.01	12.53	12.77	13.12	12.97	13.43	14.02	14.52	14.00	14.38	14.05	14.32

Luminaire				Measurem.				Lamp	
Code	TRL-20250041			Code	TRL-20250041			Code	Led
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1
Line	Eulumdat			Date	07-02-2025			Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27
G 1.0	726.52	727.53	729.00	728.68	728.34	732.38	729.59	730.35	730.24	731.95	729.16	730.06	729.38
G 2.0	732.00	735.67	735.50	733.05	732.31	735.06	734.89	735.14	732.95	735.19	733.17	732.96	732.00
G 3.0	736.74	738.52	739.19	735.90	735.67	737.48	737.69	737.00	736.67	738.02	736.03	736.17	735.04
G 4.0	743.45	745.69	743.81	738.60	738.39	740.10	739.60	738.61	738.04	738.84	740.21	740.82	741.06
G 5.0	748.58	748.25	747.30	744.05	740.97	742.81	741.05	739.68	741.57	746.31	746.63	748.93	752.03
G 6.0	750.80	751.02	751.56	750.74	747.54	747.68	746.52	745.69	746.32	750.50	754.19	758.81	761.02
G 7.0	757.50	756.47	756.91	754.54	750.28	753.75	751.90	751.70	752.29	756.36	763.72	767.82	770.48
G 8.0	761.22	762.65	762.04	758.12	753.92	756.23	757.45	758.37	760.28	764.92	772.22	775.78	777.20
G 9.0	771.51	772.86	770.55	764.67	761.87	768.09	765.58	764.61	765.59	773.29	780.63	782.43	786.24
G 10.0	786.24	787.16	781.86	776.25	777.17	780.69	777.28	776.35	776.83	783.05	787.14	788.40	793.37
G 11.0	796.99	798.90	792.51	789.18	789.16	792.30	790.04	793.02	791.95	792.98	796.26	793.80	794.53
G 12.0	806.39	806.47	806.45	803.99	800.99	806.49	806.49	809.93	805.35	806.43	805.47	803.23	800.73
G 13.0	810.29	815.53	818.71	812.68	809.11	818.26	817.63	817.60	814.13	812.60	810.55	811.60	810.19
G 14.0	816.28	823.12	824.15	815.59	816.36	825.76	825.61	822.95	820.68	820.68	819.26	824.51	825.10
G 15.0	824.60	832.99	831.58	823.99	821.71	830.60	832.80	833.80	829.30	828.73	836.29	838.41	842.20
G 16.0	838.94	846.58	845.72	839.63	836.25	842.61	844.52	846.54	838.48	839.68	850.71	857.62	862.24
G 17.0	856.53	859.27	858.17	860.38	857.34	855.18	855.84	859.60	857.54	857.32	868.68	872.82	873.58
G 18.0	873.81	870.27	874.98	878.65	877.77	871.84	871.65	875.23	874.61	876.24	883.51	878.42	876.13
G 19.0	887.85	887.84	890.78	897.69	890.60	886.03	887.23	890.22	884.13	884.12	891.21	883.83	871.37
G 20.0	905.88	902.08	903.98	912.37	905.82	898.95	898.92	898.52	889.57	888.12	894.79	881.15	862.53
G 21.0	919.31	914.36	916.68	921.48	913.10	907.45	903.48	902.26	886.49	882.42	883.78	868.59	850.82
G 22.0	921.95	924.70	923.04	926.81	916.20	908.96	901.24	903.11	888.33	880.68	872.13	854.15	838.76
G 23.0	920.44	927.01	924.73	921.68	910.45	907.06	904.50	905.81	898.78	883.00	865.67	843.23	822.15
G 24.0	916.50	923.28	920.00	915.57	904.47	906.63	901.23	902.86	898.07	883.95	852.14	822.77	791.72
G 25.0	910.61	911.31	908.80	902.17	901.61	898.83	892.46	890.64	881.46	867.67	828.77	791.63	751.02
G 26.0	887.16	888.41	882.96	882.03	876.94	877.12	868.33	864.60	854.33	825.15	773.01	730.31	693.64
G 27.0	836.84	839.00	836.10	838.41	835.58	829.56	825.55	822.45	802.24	778.71	710.93	668.99	624.06
G 28.0	758.24	766.15	756.83	760.94	762.62	759.94	757.53	748.43	738.22	704.40	639.75	592.97	557.39
G 29.0	661.18	668.17	665.69	661.87	670.23	656.90	663.24	661.87	637.88	621.36	556.79	508.04	477.08
G 30.0	569.20	556.48	559.11	555.73	565.44	568.39	559.61	556.04	540.34	539.86	456.08	425.41	406.39
G 31.0	465.01	465.86	459.44	459.83	470.03	455.51	467.63	461.17	444.08	445.77	381.22	355.13	345.56
G 32.0	376.91	381.98	375.89	369.98	382.70	369.27	367.85	370.07	367.28	364.56	305.52	303.45	286.48
G 33.0	315.37	312.57	305.82	306.60	307.92	305.00	300.81	301.41	303.31	296.26	256.86	252.52	247.02
G 34.0	255.24	255.96	247.20	244.00	248.03	242.43	246.66	241.58	243.34	240.91	209.14	206.46	205.26
G 35.0	205.79	202.23	201.98	201.81	204.40	195.95	198.72	192.99	197.02	194.64	180.91	168.18	170.73
G 36.0	163.33	161.83	164.96	161.82	160.23	165.18	159.36	152.93	154.35	155.91	130.95	138.16	133.68
G 37.0	130.37	125.56	126.17	125.03	130.27	128.34	126.05	123.25	123.32	120.06	107.07	104.26	105.12
G 38.0	101.69	101.30	102.02	99.62	99.78	97.29	98.82	97.45	97.97	98.81	83.50	81.11	81.20
G 39.0	80.97	81.74	82.57	80.55	80.68	79.37	79.85	78.43	79.19	79.20	67.58	65.63	64.25
G 40.0	65.34	66.44	67.92	65.88	65.04	65.07	65.03	62.10	62.53	62.73	53.69	52.72	50.85
G 41.0	53.98	54.04	54.90	53.53	54.19	54.80	53.13	51.61	51.44	50.27	44.21	44.92	43.56
G 42.0	45.88	45.96	46.37	45.20	44.67	45.26	44.86	43.00	43.40	42.12	38.83	38.43	38.37
G 43.0	41.39	41.29	40.69	40.00	39.34	39.45	39.13	38.20	38.30	37.45	35.34	35.86	35.52
G 44.0	39.12	38.43	38.21	37.36	36.51	36.58	35.87	35.35	35.22	34.71	33.39	33.71	33.25
G 45.0	37.26	36.76	36.62	35.46	34.99	34.92	33.98	33.71	33.33	33.09	31.92	32.18	31.65
G 46.0	35.25	34.94	34.94	33.98	33.47	33.53	32.74	32.66	32.24	31.88	30.95	31.02	30.44
G 47.0	33.72	33.58	33.19	32.74	32.31	32.54	31.50	31.49	31.02	30.78	30.18	29.95	29.07
G 48.0	32.34	31.95	31.66	31.10	31.08	31.19	30.55	30.29	30.07	29.62	28.89	28.79	27.89
G 49.0	30.70	30.37	30.37	29.96	29.91	29.71	29.25	29.33	29.27	28.65	27.66	27.39	26.90
G 50.0	29.28	29.21	28.97	28.55	28.37	28.32	27.82	27.84	27.82	27.45	26.51	25.80	25.37
G 51.0	27.76	27.63	27.69	27.21	27.24	27.13	26.59	26.44	26.38	26.01	25.13	24.44	24.25
G 52.0	26.40	26.38	26.08	25.72	26.01	25.98	25.73	25.38	24.92	24.66	23.86	23.41	23.23
G 53.0	24.94	24.81	24.79	24.50	24.92	24.83	24.42	24.30	23.70	23.60	22.66	22.39	22.25
G 54.0	23.17	23.25	23.35	23.30	23.12	23.43	22.94	22.86	22.22	22.05	21.25	21.07	20.97
G 55.0	21.93	21.91	22.04	21.65	21.58	21.69	21.32	21.05	21.05	20.39	19.74	19.69	19.65
G 56.0	20.67	20.45	20.53	20.38	20.22	20.37	19.88	19.73	19.53	19.26	18.56	18.49	18.41
G 57.0	19.61	19.28	19.31	19.17	19.02	18.89	18.63	18.34	18.20	18.15	17.56	17.45	17.33
G 58.0	18.58	18.31	18.17	18.26	17.98	17.80	17.68	17.39	17.24	17.27	16.52	16.55	16.47
G 59.0	17.33	17.26	17.19	17.16	16.97	16.75	16.57	16.35	16.31	16.37	15.75	15.50	15.58
G 60.0	16.17	16.33	16.11	16.18	15.98	15.73	15.56	15.40	15.47	15.37	14.89	14.67	14.63
G 61.0	15.31	15.45	15.14	15.02	14.84	14.73	14.51	14.44	14.40	14.61	14.04	13.72	13.73
G 62.0	14.49	14.47	14.24	14.19	13.94	13.89	13.76	13.53	13.58	13.71	13.12	12.84	12.94
G 63.0	13.55	13.57	13.40	13.36	13.19	13.10	12.91	12.76	12.72	12.76	12.41	12.01	12.16
G 64.0	12.85	12.73	12.61	12.67	12.41	12.41	12.30	12.03	12.04	12.06	11.75	11.51	11.49
G 65.0	12.15	12.01	11.90	11.89	11.75	11.65	11.49	11.35	11.34	11.44	11.16	11.01	11.02
G 66.0	11.43	11.41	11.34	11.27	11.11	11.04	10.97	10.93	10.85	10.83	10.59	10.37	10.50
G 67.0	11.01	11.02	10.79	10.71	10.56	10.62	10.50	10.47	10.32	10.43	10.22	10.06	10.04
G 68.0	10.71	10.75	10.61	10.37	10.18	10.37	10.23	10.26	10.15	10.19	10.28	10.02	9.94
G 69.0	10.78	10.71	10.49	10.30	10.12	10.57	10.25	10.34	10.21	10.22	10.23	9.91	9.92
G 70.0	11.33	11.08	11.04	10.62	10.66	11.05	10.39	10.25	10.27	10.14	10.22	10.31	10.23
G 71.0	12.54	12.28	12.21	11.58	11.42	11.55	11.06	10.92	10.84	10.66	11.52	11.40	11.41
G 72.0	14.37	14.01	13.79	12.95	12.89	12.94	12.19	12.46	12.20				

Luminaire				Measurem.				Lamp	
Code	TRL-20250041			Code	TRL-20250041			Code	Led
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1
Line	Eulumdat			Date	07-02-2025			Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
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Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	CG Asymmetrical	
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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	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27
G 1.0	730.43	730.05	730.96	730.55	731.13	731.66	733.17	731.66	729.67	731.08	732.07	732.39	731.75
G 2.0	732.20	733.26	734.72	734.17	735.66	737.59	738.35	738.15	736.62	736.93	737.99	737.19	737.12
G 3.0	736.49	735.82	737.10	737.73	740.50	741.43	742.88	741.94	742.01	742.10	743.76	743.00	743.10
G 4.0	742.39	742.37	743.66	744.76	746.79	748.93	747.90	746.79	746.59	746.79	748.31	747.61	748.74
G 5.0	753.45	756.50	758.50	760.38	759.87	760.26	759.25	757.50	755.22	750.89	751.39	750.41	752.15
G 6.0	766.20	766.90	769.21	769.80	771.54	771.94	769.09	767.18	764.31	762.21	759.48	759.54	764.15
G 7.0	774.32	774.25	774.35	778.44	781.82	781.21	779.32	778.46	774.79	775.94	774.87	776.01	780.49
G 8.0	781.48	783.16	785.16	789.09	792.03	795.65	797.44	792.04	790.37	789.97	789.17	792.91	801.21
G 9.0	789.85	789.67	795.54	797.38	801.76	805.62	808.22	804.75	803.43	802.06	803.11	811.23	818.58
G 10.0	798.10	796.85	798.77	800.58	806.21	809.85	813.96	813.97	813.51	812.78	816.44	822.15	831.60
G 11.0	799.82	800.52	802.84	803.89	808.27	814.88	817.37	820.21	820.70	819.17	823.27	828.04	834.07
G 12.0	803.16	804.60	803.43	807.90	813.44	817.20	824.26	824.68	825.05	824.43	830.88	832.77	836.56
G 13.0	810.95	813.18	813.82	818.95	822.37	827.88	832.82	833.99	836.12	835.27	837.98	841.87	841.18
G 14.0	826.26	829.50	831.92	836.17	838.58	844.58	844.94	847.41	852.56	854.46	852.79	853.51	851.70
G 15.0	846.55	852.67	853.69	850.38	854.86	858.97	862.34	863.82	869.45	874.80	873.90	870.36	865.49
G 16.0	866.53	870.47	872.49	864.10	868.48	879.62	880.42	877.91	884.05	891.35	893.23	885.83	883.58
G 17.0	878.43	878.88	877.95	870.68	877.20	888.63	892.14	885.86	891.74	901.42	907.32	902.52	912.57
G 18.0	878.40	882.09	882.28	875.61	882.64	893.94	896.05	890.85	897.36	908.13	917.18	918.98	927.42
G 19.0	874.44	879.64	878.90	876.20	885.75	895.32	894.16	894.95	906.21	915.27	923.67	927.06	934.06
G 20.0	868.89	872.71	868.22	866.05	882.30	890.83	887.97	899.05	916.15	920.56	924.66	930.04	932.55
G 21.0	858.86	857.51	852.01	853.14	869.83	881.14	880.29	895.45	917.56	914.51	914.06	923.43	925.71
G 22.0	841.62	839.93	833.30	843.99	858.22	865.02	875.84	890.15	904.26	894.75	900.76	913.67	918.17
G 23.0	817.20	808.15	809.43	830.09	832.27	849.30	870.20	877.81	886.84	880.23	886.87	901.71	906.29
G 24.0	784.09	771.44	777.19	789.87	806.35	827.39	849.40	852.76	863.60	862.62	868.86	871.23	876.19
G 25.0	737.90	720.59	725.14	746.53	775.70	798.06	813.64	816.34	826.69	835.12	830.47	830.75	838.23
G 26.0	677.31	661.65	672.65	689.53	732.43	756.76	765.71	772.24	785.07	775.71	774.61	775.14	771.87
G 27.0	609.08	602.93	615.88	642.72	674.64	695.23	705.36	706.66	708.98	697.84	701.89	706.42	697.19
G 28.0	536.37	541.60	551.77	581.09	615.19	614.12	625.02	628.91	633.38	612.32	618.17	611.85	615.86
G 29.0	465.42	464.41	476.92	503.38	536.44	542.70	538.35	538.20	537.34	524.92	532.25	513.54	519.47
G 30.0	398.85	400.46	410.39	433.16	458.50	455.55	456.65	457.70	454.72	429.66	444.78	429.73	437.39
G 31.0	333.36	337.54	345.55	361.60	380.88	377.37	380.53	375.86	373.75	360.09	358.88	365.37	361.87
G 32.0	286.85	286.85	293.44	302.34	319.66	315.41	313.44	308.89	307.40	297.07	294.40	295.94	294.75
G 33.0	244.50	246.81	249.84	256.08	262.39	259.52	266.87	254.76	256.08	248.42	247.09	244.13	240.13
G 34.0	205.11	207.45	208.56	216.32	217.40	216.84	212.02	210.47	208.28	205.84	205.46	207.38	199.26
G 35.0	170.72	170.53	176.16	175.30	179.22	174.90	175.94	177.34	169.33	168.66	167.92	163.39	161.54
G 36.0	133.81	135.54	139.29	139.58	145.72	143.50	139.05	140.34	138.07	134.44	133.75	132.07	130.31
G 37.0	106.61	103.72	106.29	109.94	111.36	111.04	113.32	110.86	110.39	110.11	107.54	108.79	107.48
G 38.0	80.51	82.13	84.09	86.67	87.75	88.20	87.01	85.93	86.69	85.75	86.87	88.92	87.03
G 39.0	64.71	64.53	67.40	67.27	67.73	68.37	71.25	68.72	68.94	69.41	71.36	71.99	71.31
G 40.0	52.31	52.05	52.64	53.87	55.17	55.34	56.70	56.69	54.84	56.10	57.61	58.19	58.62
G 41.0	44.47	44.98	43.97	44.89	46.26	46.54	46.00	47.07	45.42	46.45	46.73	47.00	46.10
G 42.0	39.19	39.65	39.48	39.17	39.79	40.14	40.43	40.69	40.24	39.65	40.42	40.80	39.81
G 43.0	35.72	35.76	35.96	35.93	36.00	36.35	36.56	36.45	36.47	36.52	36.32	36.08	35.69
G 44.0	33.63	33.54	33.59	33.56	33.85	34.24	34.25	34.05	33.87	33.92	33.90	33.94	33.52
G 45.0	31.82	31.76	31.83	31.87	32.11	32.57	32.90	32.32	32.34	32.54	32.07	32.03	31.78
G 46.0	30.59	30.31	30.49	30.47	30.80	31.10	31.10	31.04	31.16	31.34	30.73	30.81	30.80
G 47.0	29.35	29.25	29.23	29.58	29.33	29.90	29.53	29.28	29.79	30.08	29.60	29.91	29.69
G 48.0	28.09	28.03	28.21	28.39	28.16	28.31	28.28	27.99	28.51	28.78	28.34	28.75	28.56
G 49.0	27.03	26.84	27.22	27.08	26.82	26.93	26.84	26.49	27.02	27.46	26.76	27.14	27.06
G 50.0	25.50	25.56	25.45	25.60	25.62	25.51	25.47	25.26	25.60	25.61	25.42	25.63	25.45
G 51.0	24.32	24.28	24.18	24.53	24.21	24.38	24.14	23.85	24.17	24.24	23.84	24.08	23.92
G 52.0	23.11	23.15	23.10	23.30	23.06	23.16	22.91	22.77	23.34	23.22	22.78	23.00	22.83
G 53.0	22.26	22.18	22.21	22.29	22.21	22.38	22.25	22.05	22.41	22.24	21.87	22.10	21.87
G 54.0	20.73	20.56	20.64	20.74	21.00	21.16	21.12	20.82	21.26	21.29	21.21	21.24	20.76
G 55.0	19.40	19.25	19.32	19.37	19.75	19.82	19.81	19.67	19.80	19.87	19.97	19.74	19.29
G 56.0	18.17	18.27	18.25	18.45	18.59	18.69	18.67	18.66	18.61	18.70	18.70	18.50	18.29
G 57.0	17.12	17.25	17.44	17.43	17.56	17.87	17.77	17.86	17.68	17.54	17.58	17.47	17.37
G 58.0	16.32	16.44	16.64	16.70	16.84	17.19	17.00	17.12	16.64	16.71	16.60	16.54	16.61
G 59.0	15.61	15.68	15.73	16.11	16.30	16.58	16.36	16.49	15.87	15.86	15.89	15.89	15.91
G 60.0	14.59	14.82	15.05	15.34	15.47	15.64	15.51	15.48	15.12	15.07	15.32	15.29	15.37
G 61.0	13.72	13.95	14.16	14.50	14.47	14.79	14.62	14.76	14.35	14.29	14.38	14.48	14.54
G 62.0	12.85	13.18	13.34	13.56	13.49	13.83	13.74	13.78	13.51	13.38	13.50	13.68	13.88
G 63.0	12.19	12.43	12.44	12.86	12.65	12.98	12.82	13.06	12.61	12.66	12.65	12.91	12.98
G 64.0	11.52	11.79	11.86	12.22	12.02	12.31	12.13	12.35	12.09	12.00	12.07	12.28	12.42
G 65.0	11.02	11.15	11.17	11.52	11.51	11.70	11.56	11.83	11.62	11.61	11.67	11.88	11.99
G 66.0	10.44	10.44	10.45	10.87	10.77	11.09	11.07	11.37	11.16	11.33	11.46	11.72	11.67
G 67.0	10.02	10.11	10.07	10.42	10.31	10.73	10.79	11.25	11.24	11.45	11.67	12.03	12.20
G 68.0	9.94	9.92	9.97	10.42	10.42	10.77	11.06	11.61	11.67	11.97	12.40	12.65	12.89
G 69.0	9.93	9.90	10.02	10.54	10.67	11.09	11.47	12.31	12.39	12.81	13.36	13.72	14.03
G 70.0	10.33	10.30	10.61	11.11	11.67	11.88	12.56	13.19	13.56	14.28	14.99	15.32	15.95
G 71.0	11.50	11.86	12.08	12.71	13.12	13.69	14.41	15.19	15.46	16.48	17.14	17.41	17.86
G 72.0	13.30	13.97	14.34	15.12	15.29	15.51	15.90	16.69	16.90	17.57	18.13	18.30	18.54

Luminaire				Measurem.				Lamp	
Code	TRL-20250041			Code	TRL-20250041			Code	Led
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1
Line	Eulumdat			Date	07-02-2025			Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
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Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27	726.27
G 1.0	733.52	729.84	730.26	729.65	731.23	731.66	732.39	730.99	730.40	732.98	730.34	728.02	731.39
G 2.0	739.44	737.56	736.62	738.79	738.60	741.76	740.80	741.15	742.44	744.12	741.36	741.82	744.93
G 3.0	743.25	743.05	741.81	744.04	744.66	747.38	749.35	749.26	751.33	753.03	751.46	755.14	755.82
G 4.0	748.42	747.54	748.47	751.01	753.37	757.15	757.00	759.35	761.53	763.61	763.04	764.50	764.88
G 5.0	756.14	757.96	759.93	761.47	764.39	768.33	770.64	771.26	771.54	778.49	776.38	778.60	778.32
G 6.0	768.88	771.14	776.54	775.27	779.58	781.28	782.03	785.28	791.27	791.63	791.78	794.28	796.66
G 7.0	786.78	788.70	792.85	794.32	795.97	796.34	793.12	799.65	803.47	805.86	803.46	807.43	809.78
G 8.0	808.20	811.71	813.76	817.18	818.86	821.44	814.47	815.09	816.82	819.62	818.39	824.58	826.41
G 9.0	827.70	833.41	836.98	835.84	837.59	835.58	830.97	828.95	832.70	837.05	838.18	841.49	842.92
G 10.0	841.49	846.70	850.91	848.94	846.91	846.29	842.63	842.51	845.93	851.58	850.80	853.74	852.41
G 11.0	838.19	844.87	850.74	848.70	852.16	854.86	854.28	856.57	861.25	864.00	859.90	860.25	860.64
G 12.0	838.56	844.32	847.55	851.74	858.05	864.94	867.46	871.07	873.38	870.80	866.53	866.21	862.76
G 13.0	842.29	849.66	855.05	864.47	867.56	873.80	876.50	878.22	876.95	872.90	867.86	868.30	863.85
G 14.0	856.95	861.93	870.90	878.22	887.10	888.46	888.03	885.77	884.78	876.50	865.67	868.37	870.38
G 15.0	873.22	880.75	890.00	896.43	907.01	907.55	904.04	900.35	899.69	888.85	875.27	871.29	879.69
G 16.0	893.93	898.00	909.26	916.51	924.35	924.03	921.22	920.31	917.21	910.17	893.72	890.85	897.23
G 17.0	915.34	919.94	931.55	936.25	940.38	939.29	930.50	934.87	936.28	931.03	921.45	913.48	916.22
G 18.0	930.67	934.68	943.89	947.95	948.68	938.78	932.64	936.51	947.60	949.95	951.39	946.80	945.84
G 19.0	934.61	938.49	949.07	946.74	937.00	933.35	929.83	933.69	941.56	945.61	955.87	958.88	956.28
G 20.0	930.41	935.51	944.68	936.72	926.18	922.55	924.92	922.26	918.76	927.88	934.02	939.21	943.63
G 21.0	927.46	927.21	935.29	925.71	915.14	919.80	914.70	907.97	902.95	904.05	907.24	907.88	912.81
G 22.0	922.35	920.07	915.37	909.41	910.94	908.69	903.66	892.95	885.83	883.57	873.51	871.94	872.28
G 23.0	910.80	908.91	898.06	895.26	896.79	902.19	880.39	866.55	862.13	846.00	834.73	836.18	836.86
G 24.0	880.47	879.04	873.07	868.66	875.35	881.25	855.25	837.69	829.05	802.81	783.16	794.65	795.00
G 25.0	841.77	847.56	833.98	826.35	826.74	826.06	809.75	795.29	783.61	752.12	738.66	747.47	750.46
G 26.0	781.37	783.66	775.19	765.03	768.98	763.71	756.36	741.55	723.53	695.58	672.28	670.46	687.23
G 27.0	700.86	698.04	697.33	698.90	681.29	690.80	679.84	664.06	653.73	621.10	607.15	596.44	616.71
G 28.0	617.99	616.48	609.47	618.37	600.86	601.13	592.06	588.42	569.67	550.40	536.02	530.71	535.81
G 29.0	524.83	518.88	507.60	518.70	507.26	513.68	489.17	496.89	490.26	476.42	461.34	456.97	456.09
G 30.0	429.71	434.39	426.65	433.95	435.28	428.45	412.92	419.95	411.89	401.07	391.31	386.50	390.12
G 31.0	354.01	355.11	360.31	360.76	364.95	349.71	343.13	349.05	341.28	341.78	330.18	324.34	336.86
G 32.0	288.46	294.21	297.66	295.77	297.64	294.72	288.59	287.61	286.16	287.66	275.07	275.28	280.74
G 33.0	240.85	247.82	246.94	246.70	253.09	250.84	240.21	246.02	236.59	239.69	233.94	234.15	237.77
G 34.0	196.42	200.14	202.46	205.31	207.22	209.03	203.29	202.53	202.09	198.37	195.75	194.95	198.63
G 35.0	158.56	165.16	167.99	167.86	168.50	172.21	170.23	169.62	166.98	163.98	163.72	163.67	164.94
G 36.0	130.64	132.51	133.92	135.02	136.53	139.49	139.47	136.10	136.09	133.16	130.32	133.28	129.65
G 37.0	105.18	105.88	107.15	110.12	110.60	106.40	107.63	107.91	107.57	103.08	104.29	102.39	105.71
G 38.0	86.50	85.66	85.82	86.33	84.14	84.37	84.26	84.30	84.29	83.24	81.51	80.65	82.54
G 39.0	69.93	68.77	69.88	67.86	68.38	67.56	66.39	67.86	65.60	64.95	65.29	63.91	65.62
G 40.0	56.29	55.38	55.72	54.48	53.38	53.37	53.95	53.16	52.68	51.95	51.05	49.68	52.01
G 41.0	45.53	45.89	45.80	44.71	44.41	43.53	44.07	43.88	43.38	43.34	43.03	42.99	43.20
G 42.0	39.47	39.29	38.76	38.21	38.67	38.76	38.60	39.06	38.92	38.76	38.37	38.58	38.46
G 43.0	35.40	34.97	35.12	35.22	35.11	35.50	35.37	36.18	35.99	36.00	35.86	35.81	36.10
G 44.0	33.68	33.45	33.48	33.76	33.96	34.28	34.40	34.96	34.66	34.97	34.36	34.42	35.24
G 45.0	31.99	32.17	32.64	33.00	33.58	33.70	33.45	33.90	34.20	34.34	33.68	33.60	34.08
G 46.0	31.10	31.52	31.81	31.99	32.77	32.79	32.73	33.15	33.31	33.46	32.74	32.74	33.27
G 47.0	30.05	30.23	30.86	30.95	31.57	31.71	32.21	32.52	32.44	32.51	32.04	32.38	32.35
G 48.0	28.79	28.99	29.49	29.59	30.66	30.45	30.89	31.19	31.40	30.86	31.05	31.09	31.38
G 49.0	27.28	27.36	28.00	28.24	28.50	28.68	29.40	29.28	29.78	29.30	29.91	29.44	29.91
G 50.0	25.63	25.70	26.36	26.48	26.93	27.15	27.75	27.71	28.32	28.11	28.28	28.00	28.33
G 51.0	24.12	24.07	24.80	25.06	25.42	25.94	26.40	26.38	27.11	26.88	27.14	26.74	26.84
G 52.0	23.10	23.17	23.49	23.90	24.21	24.67	24.94	25.03	25.50	25.58	25.61	25.24	25.46
G 53.0	22.34	22.18	22.72	22.93	23.09	23.34	23.39	23.61	24.11	24.24	24.05	24.14	24.12
G 54.0	20.84	20.94	21.39	21.76	22.05	22.34	22.53	22.54	22.68	22.88	22.67	22.66	23.12
G 55.0	19.73	19.78	20.53	20.71	20.78	21.05	21.38	21.32	21.43	21.27	21.46	21.53	21.76
G 56.0	18.71	18.90	19.62	19.55	19.72	19.86	20.14	19.90	20.15	19.77	19.95	20.12	20.47
G 57.0	17.80	18.10	18.57	18.56	18.56	18.62	18.74	18.81	19.01	18.69	18.62	18.98	19.24
G 58.0	16.94	17.47	17.69	17.54	17.43	17.63	17.64	17.70	17.66	17.63	17.81	18.09	18.17
G 59.0	16.18	16.47	16.76	16.68	16.46	16.57	16.85	16.85	16.69	16.86	17.31	17.26	17.22
G 60.0	15.57	15.73	15.88	15.83	15.72	15.72	15.79	15.66	15.82	16.07	16.18	16.17	16.29
G 61.0	14.99	14.82	14.87	14.92	14.86	14.82	14.77	14.63	14.90	15.10	15.05	15.12	15.10
G 62.0	14.18	14.03	13.99	14.08	13.91	14.04	13.91	13.78	13.98	13.97	13.95	13.92	14.11
G 63.0	13.36	13.19	13.17	13.29	13.10	13.22	13.19	13.09	13.20	13.09	13.00	12.99	13.08
G 64.0	12.60	12.47	12.49	12.58	12.40	12.58	12.68	12.55	12.73	12.57	12.47	12.41	12.58
G 65.0	12.08	11.96	11.95	12.12	12.22	12.55	12.43	12.33	12.48	12.34	12.21	12.14	12.30
G 66.0	11.79	11.73	11.75	12.17	12.58	12.78	12.61	12.48	12.55	12.27	12.13	12.06	12.19
G 67.0	12.08	12.17	12.24	12.83	13.12	13.38	13.24	13.03	12.96	12.77	12.81	12.73	12.57
G 68.0	12.83	13.07	13.25	13.92	14.12	14.80	14.43	14.44	14.13	13.95	13.99	13.71	13.41
G 69.0	14.06	14.29	14.71	16.00	15.83	16.71	16.46	16.08	15.87	15.95	15.30	14.83	14.74
G 70.0	16.14	16.60	17.29	17.78	17.97	18.05	17.83	17.58	17.06	17.42	16.63	16.62	15.89
G 71.0	18.11	18.03	18.60	18.93	18.73	18.50	18.40	17.77	17.49	17.37	17.34	17.39	16.80
G 72.0	18.78	18.53	18.70	19.58	19.06	19.04	18.45	17.65	17				

Luminaire		Measurem.		Lamp	
Code	TRL-20250041	Code	TRL-20250041	Code	Led
Name	SPOT piccolo LED lente Fresnel	Name	SPOT piccolo LED lente Fresnel	Number	1
Line	Eulumdat	Date	07-02-2025	Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	726.27	726.27	726.27	726.27	726.27	726.27	726.27
G 1.0	728.61	729.86	732.89	729.12	728.86	728.27	728.37
G 2.0	739.11	739.48	743.29	740.44	738.10	738.00	740.52
G 3.0	748.79	749.35	753.16	750.22	748.26	748.12	748.98
G 4.0	758.68	761.29	767.11	761.39	761.71	757.90	758.25
G 5.0	773.86	775.84	778.51	774.64	770.88	768.39	765.87
G 6.0	792.58	792.83	793.41	787.61	782.68	782.61	776.13
G 7.0	809.69	808.51	809.44	806.94	799.23	792.08	786.52
G 8.0	825.14	823.84	823.85	817.44	810.31	802.74	798.88
G 9.0	839.01	836.16	830.38	824.81	821.06	814.84	812.00
G 10.0	849.06	842.82	839.83	833.43	828.24	824.83	821.58
G 11.0	854.45	848.01	846.98	842.77	838.99	833.78	831.86
G 12.0	858.37	853.78	856.50	849.44	844.24	841.94	838.29
G 13.0	864.55	862.67	866.96	860.64	850.83	847.90	843.83
G 14.0	871.64	876.82	879.00	867.37	861.35	854.60	850.44
G 15.0	885.33	887.71	889.30	876.98	870.05	863.44	857.71
G 16.0	899.65	903.51	905.72	895.19	883.59	870.61	865.61
G 17.0	918.30	918.36	917.94	911.90	900.46	884.96	877.27
G 18.0	935.42	926.99	928.22	928.45	924.54	903.61	896.98
G 19.0	952.27	935.39	930.73	940.68	942.35	922.51	915.90
G 20.0	946.70	926.96	923.94	932.04	935.80	918.13	914.36
G 21.0	922.79	905.49	906.26	903.34	904.66	889.87	891.89
G 22.0	878.74	882.55	886.16	883.43	881.65	877.10	872.88
G 23.0	848.17	862.77	875.79	877.04	878.68	879.14	874.74
G 24.0	809.21	844.33	863.45	865.29	873.66	882.30	876.80
G 25.0	774.54	814.20	839.06	837.26	847.53	861.98	861.49
G 26.0	714.90	756.85	789.29	792.25	798.78	814.84	814.35
G 27.0	636.69	675.03	716.30	722.24	737.45	747.56	762.65
G 28.0	553.47	586.80	629.97	642.07	640.83	674.82	676.92
G 29.0	475.56	505.72	543.90	545.48	563.80	577.40	589.50
G 30.0	401.86	425.36	459.36	468.40	476.26	498.11	506.52
G 31.0	340.70	352.92	383.64	392.95	401.92	408.48	424.17
G 32.0	287.95	295.71	322.65	328.12	317.99	338.53	348.87
G 33.0	243.30	249.15	267.64	269.27	270.81	278.48	284.17
G 34.0	203.53	208.94	217.19	221.09	222.36	224.46	225.78
G 35.0	164.17	172.91	178.85	179.36	180.77	175.68	179.99
G 36.0	135.33	140.35	139.20	144.24	137.84	141.81	139.80
G 37.0	104.91	109.30	106.02	111.55	110.43	111.59	109.82
G 38.0	84.83	84.46	84.59	84.89	86.79	89.04	87.88
G 39.0	65.67	66.98	67.15	68.24	70.72	69.69	69.74
G 40.0	52.21	53.49	53.46	54.66	54.95	55.65	55.31
G 41.0	42.77	44.37	44.45	45.06	45.73	45.25	44.75
G 42.0	38.44	39.39	40.08	39.55	39.77	39.49	39.37
G 43.0	35.85	36.89	36.79	36.63	36.71	36.25	35.74
G 44.0	34.49	34.83	35.00	34.71	34.78	34.71	34.59
G 45.0	33.36	33.93	33.89	33.72	33.68	33.68	33.68
G 46.0	32.55	32.95	33.01	32.84	32.89	33.10	32.78
G 47.0	32.08	32.25	32.62	32.56	32.36	32.26	32.04
G 48.0	31.16	31.46	31.70	31.92	31.59	31.36	31.28
G 49.0	29.82	30.07	30.25	30.70	30.40	30.37	30.24
G 50.0	28.19	28.77	29.02	29.85	29.07	29.40	29.13
G 51.0	26.93	27.52	27.41	27.94	27.70	27.92	27.80
G 52.0	25.32	25.98	26.07	26.51	26.19	26.29	26.54
G 53.0	24.22	24.60	24.78	25.04	24.81	24.88	25.07
G 54.0	22.74	23.43	23.61	24.12	23.71	23.96	24.13
G 55.0	21.68	22.13	22.40	22.80	22.58	22.95	22.87
G 56.0	20.23	20.74	21.25	21.22	21.36	21.67	21.82
G 57.0	19.37	19.37	19.67	19.99	20.03	20.43	20.42
G 58.0	18.27	18.45	18.72	18.90	18.93	19.09	19.23
G 59.0	17.18	17.44	17.57	17.65	17.79	17.87	17.97
G 60.0	16.14	16.25	16.32	16.48	16.45	16.70	16.84
G 61.0	15.09	15.28	15.36	15.38	15.21	15.69	15.72
G 62.0	14.02	14.33	14.40	14.47	14.26	14.56	14.77
G 63.0	13.17	13.41	13.35	13.47	13.31	13.54	13.74
G 64.0	12.49	12.70	12.60	12.65	12.53	12.75	12.97
G 65.0	12.23	12.26	12.22	12.22	12.03	12.27	12.36
G 66.0	12.09	12.09	11.90	11.80	11.52	11.88	11.86
G 67.0	12.25	12.34	12.12	11.91	11.44	11.56	11.57
G 68.0	13.18	12.96	12.66	12.24	11.63	11.80	11.49
G 69.0	14.06	14.00	13.69	13.15	12.35	11.90	11.44
G 70.0	16.15	15.70	15.41	14.46	13.38	12.71	11.66
G 71.0	17.22	17.36	17.12	16.57	15.09	14.76	13.68
G 72.0	17.83	18.22	18.59	18.28	17.56	17.15	16.14

Luminaire			Measurem.			Lamp	
Code	TRL-20250041		Code	TRL-20250041		Code	Led
Name	SPOT piccolo LED lente Fresnel		Name	SPOT piccolo LED lente Fresnel		Number	1
Line	Eulumdat		Date	07-02-2025		Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	17.11	16.45	15.64	14.51	14.41	13.97	13.48	13.58	12.70	13.25	13.84	13.29	13.67
G 74.0	19.34	19.05	19.01	17.95	17.67	17.58	17.30	16.46	15.70	16.46	15.85	15.48	15.68
G 75.0	17.99	19.40	19.53	18.86	19.00	19.43	18.95	17.94	16.65	16.95	16.56	16.43	16.73
G 76.0	15.20	16.24	17.11	17.13	18.02	18.04	17.32	16.37	15.64	15.75	15.26	14.90	15.23
G 77.0	13.12	13.58	14.41	14.67	15.47	15.62	15.18	14.64	13.90	14.09	13.54	12.63	12.82
G 78.0	11.72	12.13	12.38	13.06	13.25	13.66	13.55	12.78	11.60	11.94	11.45	10.67	10.85
G 79.0	10.00	10.26	10.52	10.81	11.22	11.73	12.01	10.96	10.20	10.65	10.23	9.31	9.43
G 80.0	8.08	8.40	8.69	8.92	9.07	9.71	9.91	9.40	8.61	9.09	8.82	8.40	8.38
G 81.0	6.72	6.75	6.69	6.92	6.98	7.25	6.87	6.62	6.80	7.24	7.40	7.05	6.77
G 82.0	5.38	5.44	5.46	5.64	5.56	5.70	5.47	5.34	5.31	5.57	5.83	5.64	5.71
G 83.0	4.51	4.58	4.54	4.62	4.68	4.70	4.68	4.58	4.49	4.77	4.63	4.55	4.77
G 84.0	3.90	3.89	3.93	4.00	4.00	4.12	4.07	3.95	3.83	3.97	3.85	3.88	3.96
G 85.0	3.32	3.35	3.37	3.42	3.44	3.47	3.50	3.34	3.28	3.36	3.30	3.29	3.41
G 86.0	2.83	2.85	2.88	2.93	2.90	2.97	2.93	2.86	2.75	2.77	2.82	2.83	2.96
G 87.0	2.40	2.40	2.40	2.46	2.45	2.52	2.47	2.39	2.24	2.27	2.31	2.35	2.45
G 88.0	1.99	1.99	1.94	2.00	2.06	2.09	2.06	1.93	1.78	1.82	1.79	1.87	1.99
G 89.0	1.57	1.55	1.56	1.55	1.60	1.63	1.57	1.49	1.30	1.31	1.35	1.49	1.59
G 90.0	1.15	1.15	1.17	1.25	1.25	1.23	1.22	1.12	0.99	0.94	1.02	1.12	1.22
G 91.0	0.89	0.91	0.94	0.99	1.02	1.02	0.98	0.92	0.78	0.76	0.78	0.88	1.01
G 92.0	0.68	0.69	0.70	0.72	0.77	0.79	0.81	0.75	0.67	0.62	0.68	0.74	0.83
G 93.0	0.50	0.54	0.53	0.55	0.60	0.61	0.63	0.60	0.51	0.50	0.55	0.62	0.72
G 94.0	0.36	0.38	0.40	0.42	0.44	0.47	0.47	0.47	0.41	0.38	0.42	0.49	0.55
G 95.0	0.20	0.24	0.28	0.30	0.34	0.34	0.35	0.33	0.29	0.27	0.32	0.37	0.40
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-20250041			Code	TRL-20250041			Code	Led
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1
Line	Eulumdat			Date	07-02-2025			Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	13.55	13.53	14.06	14.00	14.60	14.66	15.10	15.29	15.87	15.79	15.59	15.76	15.75
G 74.0	15.49	15.78	15.82	15.67	15.62	16.25	15.98	16.29	16.80	16.17	16.37	16.48	16.61
G 75.0	16.23	16.62	15.97	15.73	15.63	15.85	15.53	15.84	16.14	15.86	16.10	15.87	16.21
G 76.0	15.89	15.81	15.36	15.03	14.98	14.28	14.73	14.46	14.50	14.54	14.93	14.04	14.16
G 77.0	13.58	13.82	13.51	12.97	13.18	12.92	13.23	12.83	12.92	12.68	12.60	12.46	12.36
G 78.0	11.61	11.75	11.35	11.15	11.36	11.58	11.44	11.46	11.63	11.34	11.09	11.44	11.28
G 79.0	10.30	10.14	9.92	9.82	9.90	10.06	10.32	10.01	10.30	10.19	10.02	9.94	9.87
G 80.0	9.43	9.00	8.79	8.81	8.76	8.60	8.58	8.32	8.39	8.21	8.60	7.83	7.98
G 81.0	7.81	8.05	7.24	7.21	7.38	7.03	6.76	6.71	6.62	6.62	6.50	6.30	6.22
G 82.0	6.21	6.41	6.43	6.08	5.99	5.95	5.70	5.46	5.63	5.31	5.28	5.10	5.12
G 83.0	5.01	5.09	5.16	4.97	4.96	4.88	4.78	4.58	4.58	4.51	4.48	4.31	4.33
G 84.0	4.07	4.09	4.30	4.17	4.24	4.15	4.12	4.00	4.07	4.00	3.97	3.84	3.84
G 85.0	3.50	3.57	3.62	3.61	3.61	3.60	3.55	3.54	3.59	3.53	3.42	3.39	3.37
G 86.0	3.04	3.09	3.13	3.11	3.12	3.09	3.08	3.09	3.14	3.08	3.03	2.95	2.95
G 87.0	2.58	2.55	2.64	2.65	2.63	2.68	2.67	2.66	2.74	2.68	2.72	2.63	2.58
G 88.0	2.12	2.13	2.17	2.16	2.18	2.22	2.24	2.21	2.24	2.21	2.21	2.12	2.13
G 89.0	1.66	1.66	1.75	1.72	1.79	1.81	1.81	1.78	1.85	1.82	1.84	1.71	1.71
G 90.0	1.29	1.30	1.35	1.32	1.35	1.39	1.38	1.32	1.36	1.35	1.35	1.33	1.25
G 91.0	1.03	1.03	1.03	1.03	1.02	0.99	1.02	1.01	1.02	1.02	0.98	0.91	0.89
G 92.0	0.88	0.86	0.84	0.84	0.84	0.85	0.80	0.79	0.80	0.76	0.73	0.71	0.69
G 93.0	0.72	0.71	0.71	0.69	0.68	0.67	0.64	0.63	0.61	0.61	0.57	0.57	0.51
G 94.0	0.55	0.55	0.55	0.53	0.53	0.53	0.51	0.50	0.48	0.45	0.42	0.40	0.36
G 95.0	0.41	0.40	0.41	0.41	0.40	0.38	0.35	0.32	0.28	0.28	0.25	0.22	0.19
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-20250041		Code	TRL-20250041		Code	Led
Name	SPOT piccolo LED lente Fresnel		Name	SPOT piccolo LED lente Fresnel		Number	1
Line	Eulumdat		Date	07-02-2025		Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	15.72	15.66	15.31	14.70	14.69	14.64	14.25	14.10	14.43	14.09	14.97	15.04	14.91
G 74.0	16.67	16.64	16.83	16.15	16.35	15.87	15.44	15.47	15.47	15.67	16.13	16.33	16.33
G 75.0	16.46	16.61	16.77	16.79	16.44	16.19	15.96	16.10	15.67	16.12	16.07	15.70	15.56
G 76.0	14.46	14.39	14.51	14.40	13.78	14.36	14.08	14.27	14.45	14.14	13.22	13.21	13.28
G 77.0	12.01	12.16	12.07	11.69	11.62	11.79	11.56	11.86	11.98	12.14	11.19	11.06	11.06
G 78.0	10.63	10.89	10.78	10.88	10.73	10.56	10.83	10.69	10.40	10.43	9.93	9.88	9.95
G 79.0	9.67	9.50	9.43	9.60	9.37	9.30	9.18	9.19	9.30	9.41	8.47	8.23	8.33
G 80.0	7.44	7.54	7.66	7.31	7.04	7.22	7.18	7.53	7.61	7.62	6.62	6.49	6.53
G 81.0	6.14	6.13	6.04	5.91	5.88	5.84	5.81	5.78	5.52	5.73	5.34	5.15	5.16
G 82.0	4.99	5.03	4.98	5.06	5.01	5.04	5.03	4.99	4.75	4.83	4.30	4.35	4.43
G 83.0	4.34	4.43	4.39	4.41	4.38	4.33	4.26	4.26	4.12	4.22	3.93	3.86	3.90
G 84.0	3.87	3.87	3.95	3.94	3.87	3.88	3.82	3.81	3.66	3.67	3.43	3.32	3.33
G 85.0	3.36	3.36	3.32	3.35	3.36	3.34	3.34	3.35	3.27	3.24	2.97	2.93	2.86
G 86.0	2.92	2.88	2.86	2.88	2.88	2.91	2.92	2.88	2.80	2.77	2.54	2.46	2.41
G 87.0	2.53	2.53	2.45	2.45	2.42	2.48	2.45	2.44	2.35	2.32	2.11	2.07	2.02
G 88.0	2.08	2.04	2.00	1.97	2.02	2.02	2.02	2.07	1.99	1.95	1.73	1.69	1.64
G 89.0	1.63	1.61	1.58	1.58	1.61	1.61	1.61	1.58	1.50	1.53	1.36	1.32	1.30
G 90.0	1.19	1.20	1.15	1.14	1.13	1.17	1.20	1.17	1.17	1.14	1.07	1.08	1.10
G 91.0	0.88	0.89	0.90	0.86	0.90	0.92	0.92	0.92	0.92	0.96	0.89	0.91	0.93
G 92.0	0.68	0.67	0.69	0.68	0.70	0.69	0.70	0.70	0.72	0.75	0.71	0.71	0.73
G 93.0	0.53	0.51	0.51	0.50	0.52	0.52	0.53	0.56	0.57	0.57	0.57	0.56	0.57
G 94.0	0.35	0.35	0.34	0.34	0.37	0.36	0.39	0.41	0.41	0.45	0.41	0.43	0.45
G 95.0	0.18	0.18	0.19	0.19	0.20	0.21	0.23	0.24	0.26	0.28	0.25	0.27	0.30
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-20250041			Code	TRL-20250041			Code	Led
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1
Line	Eulumdat			Date	07-02-2025			Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	14.83	15.61	16.52	17.31	16.65	16.31	16.60	16.95	16.91	17.30	17.57	17.90	17.78
G 74.0	16.11	16.18	17.06	17.01	15.87	15.97	15.29	15.32	15.28	15.69	16.18	17.23	17.24
G 75.0	15.18	15.12	15.30	15.18	14.37	14.53	13.64	13.86	13.44	14.17	15.13	15.57	15.78
G 76.0	12.91	13.06	13.16	13.35	12.47	12.82	12.35	12.24	11.95	12.68	13.80	14.37	14.23
G 77.0	11.06	11.35	11.36	11.29	10.49	10.53	10.87	11.00	10.62	11.26	12.16	12.70	12.52
G 78.0	9.59	9.46	9.66	9.01	8.68	8.80	8.72	9.10	9.05	9.43	10.15	10.64	10.20
G 79.0	7.92	7.76	7.54	7.49	7.18	7.30	7.41	7.48	7.57	7.74	8.19	8.43	8.04
G 80.0	6.46	6.55	6.42	6.33	5.87	6.12	6.07	6.20	6.13	6.41	6.83	6.84	6.52
G 81.0	5.26	5.23	5.22	5.39	5.17	5.18	5.04	5.13	5.03	5.11	5.53	5.47	5.31
G 82.0	4.41	4.47	4.45	4.50	4.49	4.48	4.33	4.41	4.16	4.31	4.39	4.54	4.49
G 83.0	3.91	3.76	3.77	3.81	3.67	3.64	3.57	3.61	3.47	3.67	3.83	3.94	3.83
G 84.0	3.27	3.25	3.19	3.13	3.09	3.05	2.95	3.05	3.01	3.18	3.29	3.45	3.42
G 85.0	2.83	2.84	2.73	2.74	2.61	2.60	2.52	2.61	2.58	2.72	2.85	2.95	2.96
G 86.0	2.35	2.34	2.28	2.24	2.19	2.15	2.03	2.07	2.14	2.33	2.46	2.55	2.54
G 87.0	1.95	2.00	1.92	1.94	1.82	1.75	1.60	1.64	1.69	1.91	1.96	2.07	2.09
G 88.0	1.63	1.62	1.56	1.53	1.45	1.34	1.18	1.21	1.31	1.46	1.53	1.61	1.63
G 89.0	1.29	1.28	1.23	1.20	1.13	1.04	0.91	0.91	0.98	1.15	1.20	1.27	1.25
G 90.0	1.06	1.05	1.05	0.99	0.96	0.87	0.77	0.75	0.84	0.96	0.99	1.01	1.05
G 91.0	0.92	0.92	0.89	0.89	0.84	0.77	0.66	0.65	0.70	0.82	0.85	0.83	0.86
G 92.0	0.74	0.74	0.73	0.73	0.73	0.60	0.54	0.54	0.59	0.66	0.69	0.69	0.70
G 93.0	0.61	0.59	0.58	0.58	0.61	0.52	0.43	0.43	0.48	0.57	0.58	0.57	0.56
G 94.0	0.45	0.46	0.46	0.47	0.48	0.43	0.33	0.35	0.41	0.48	0.47	0.45	0.44
G 95.0	0.32	0.34	0.36	0.37	0.39	0.33	0.27	0.26	0.30	0.34	0.34	0.30	0.26
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-20250041			Code	TRL-20250041			Code	Led		
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1		
Line	Eulumdat			Date	07-02-2025			Position			

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	18.36	18.04	18.46	18.57	18.36	17.86	17.27	16.50	16.32	16.85	16.90	16.56	16.85
G 74.0	17.38	17.26	17.62	17.39	17.45	16.67	16.77	15.63	15.30	15.70	15.73	15.54	15.16
G 75.0	16.26	15.91	16.07	16.05	16.10	15.54	15.39	14.47	14.51	14.86	15.02	14.40	13.94
G 76.0	14.90	15.04	15.24	14.79	14.88	14.02	13.72	12.60	12.69	12.88	13.25	12.49	12.31
G 77.0	12.89	12.81	12.74	12.41	12.20	11.78	11.58	11.20	11.06	11.10	10.97	10.74	10.81
G 78.0	10.31	9.63	9.95	9.71	9.75	9.32	9.27	9.24	9.37	9.06	9.28	9.24	9.35
G 79.0	8.21	7.60	7.79	7.67	7.65	7.63	7.77	7.84	7.82	7.59	7.88	7.93	7.97
G 80.0	6.59	6.23	6.39	6.40	6.42	6.42	6.45	6.43	6.33	6.42	6.53	6.63	6.51
G 81.0	5.39	5.30	5.41	5.49	5.47	5.43	5.57	5.38	5.35	5.45	5.43	5.40	5.50
G 82.0	4.60	4.49	4.66	4.69	4.82	4.72	4.65	4.60	4.74	4.70	4.62	4.63	4.71
G 83.0	4.01	3.94	4.14	4.13	4.14	4.05	4.16	4.07	4.04	4.08	4.05	4.00	4.08
G 84.0	3.47	3.42	3.58	3.53	3.56	3.52	3.61	3.55	3.53	3.51	3.48	3.47	3.49
G 85.0	3.01	2.98	3.02	3.03	3.08	3.05	3.10	2.99	3.02	2.99	2.99	2.97	3.02
G 86.0	2.53	2.54	2.60	2.62	2.63	2.60	2.68	2.58	2.57	2.55	2.56	2.56	2.56
G 87.0	2.11	2.07	2.12	2.06	2.10	2.11	2.14	2.09	2.05	2.10	2.10	2.06	2.15
G 88.0	1.65	1.66	1.60	1.61	1.62	1.62	1.65	1.58	1.58	1.59	1.62	1.63	1.70
G 89.0	1.26	1.21	1.19	1.15	1.18	1.17	1.17	1.14	1.14	1.12	1.19	1.18	1.19
G 90.0	1.00	0.98	0.94	0.92	0.91	0.92	0.87	0.87	0.86	0.88	0.90	0.91	0.89
G 91.0	0.83	0.82	0.76	0.73	0.74	0.70	0.70	0.66	0.66	0.66	0.69	0.65	0.66
G 92.0	0.67	0.64	0.60	0.58	0.59	0.55	0.53	0.52	0.46	0.47	0.46	0.48	0.48
G 93.0	0.54	0.52	0.49	0.43	0.44	0.39	0.37	0.33	0.30	0.29	0.30	0.27	0.29
G 94.0	0.40	0.35	0.31	0.27	0.23	0.19	0.14	0.12	0.12	0.12	0.13	0.12	0.12
G 95.0	0.22	0.18	0.14	0.09	0.07	0.06	0.04	0.02	0.01	0.02	0.01	0.01	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-20250041	Code	TRL-20250041	Code	Led
Name	SPOT piccolo LED lente Fresnel	Name	SPOT piccolo LED lente Fresnel	Number	1
Line	Eulumdat	Date	07-02-2025	Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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	17.18	17.99	18.84	19.22	18.59	19.42	18.50
G 74.0	15.26	15.88	16.96	17.42	17.45	18.70	19.15
G 75.0	13.57	14.58	14.97	15.35	15.58	15.59	16.09
G 76.0	12.28	12.78	12.76	13.46	13.20	13.79	13.70
G 77.0	10.60	10.81	11.21	11.72	11.87	12.27	12.65
G 78.0	9.20	9.09	9.52	10.03	10.06	10.64	10.79
G 79.0	7.70	7.99	7.84	8.25	8.26	8.80	9.23
G 80.0	6.48	6.54	6.62	6.88	6.80	7.11	7.24
G 81.0	5.47	5.47	5.47	5.74	5.64	5.77	5.86
G 82.0	4.76	4.74	4.83	4.88	4.82	5.02	4.92
G 83.0	4.14	4.14	4.22	4.15	4.16	4.34	4.30
G 84.0	3.56	3.64	3.61	3.66	3.63	3.75	3.71
G 85.0	3.06	3.14	3.23	3.20	3.20	3.24	3.17
G 86.0	2.62	2.67	2.74	2.79	2.77	2.77	2.70
G 87.0	2.17	2.25	2.30	2.33	2.32	2.29	2.27
G 88.0	1.68	1.72	1.77	1.80	1.82	1.85	1.81
G 89.0	1.18	1.22	1.21	1.33	1.31	1.36	1.36
G 90.0	0.89	0.89	0.90	0.94	0.94	1.00	0.99
G 91.0	0.67	0.68	0.66	0.70	0.69	0.72	0.77
G 92.0	0.48	0.49	0.48	0.53	0.51	0.53	0.57
G 93.0	0.31	0.33	0.31	0.32	0.34	0.38	0.41
G 94.0	0.11	0.15	0.13	0.14	0.20	0.22	0.25
G 95.0	0.01	0.00	0.02	0.04	0.06	0.09	0.10
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-20250041			Code	TRL-20250041			Code	Led		
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1		
Line	Eulumdat			Date	07-02-2025			Position			

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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-20250041			Code	TRL-20250041			Code	Led		
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1		
Line	Eulumdat			Date	07-02-2025			Position			

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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-20250041			Code	TRL-20250041			Code	Led		
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1		
Line	Eulumdat			Date	07-02-2025			Position			

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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-20250041			Code	TRL-20250041			Code	Led		
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1		
Line	Eulumdat			Date	07-02-2025			Position			

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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-20250041			Code	TRL-20250041			Code	Led		
Name	SPOT piccolo LED lente Fresnel			Name	SPOT piccolo LED lente Fresnel			Number	1		
Line	Eulumdat			Date	07-02-2025			Position			

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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-20250041	Code	TRL-20250041	Code	Led
Name	SPOT piccolo LED lente Fresnel	Name	SPOT piccolo LED lente Fresnel	Number	1
Line	Eulumdat	Date	07-02-2025	Position	

Luminaire Flux	875.81 lm	Luminaire Power	11.87 W	Efficacy	73.78 lm/W	Efficiency	100.02%
Lamps Flux	875.67 lm	Maximum value	958.88 cd	Position	C=315.00 G=19.00	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