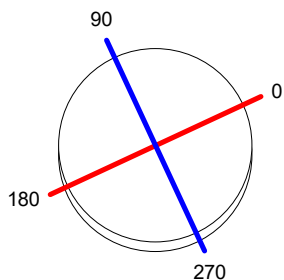


Luminaire		Measurem.		Lamp	
Code	TRL-20250043	Code	TRL-20250043	Code	Led
Name	SPOT medio LED lente Fresnel	Name	SPOT medio LED lente Fresnel	Number	1
Line	Eulumdat	Date	10-02-2025	Position	
Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00
		CG	Asymmetrical		
Round Luminaire		Diam.	157 mm	Height	70 mm
Round Luminous Area		Diam.	150 mm	Height	0 mm
Horizontal Luminous Area	0.017671 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Glare area at 76°	0.004275 m2		
Emitting area on Plane 90°	0.000000 m2				
Coordinate system	CG	Symmetry Type	Asymmetrical		
Date	10-02-2025	Maximum Gamma Angle	180		
Measurement Distance	0.00	Measurement Flux	1720.74 lm		
Operator	Palazzoli S.p.A. - Mirco Scebba	Source voltage			
Temperature	25.00 °C	Source current			
Humidity	60.00 %	Photocell			
Notes					
Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	Led	Led - 22.73 W	1720.74	22.73	1
C.I.E.	89 95 98 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

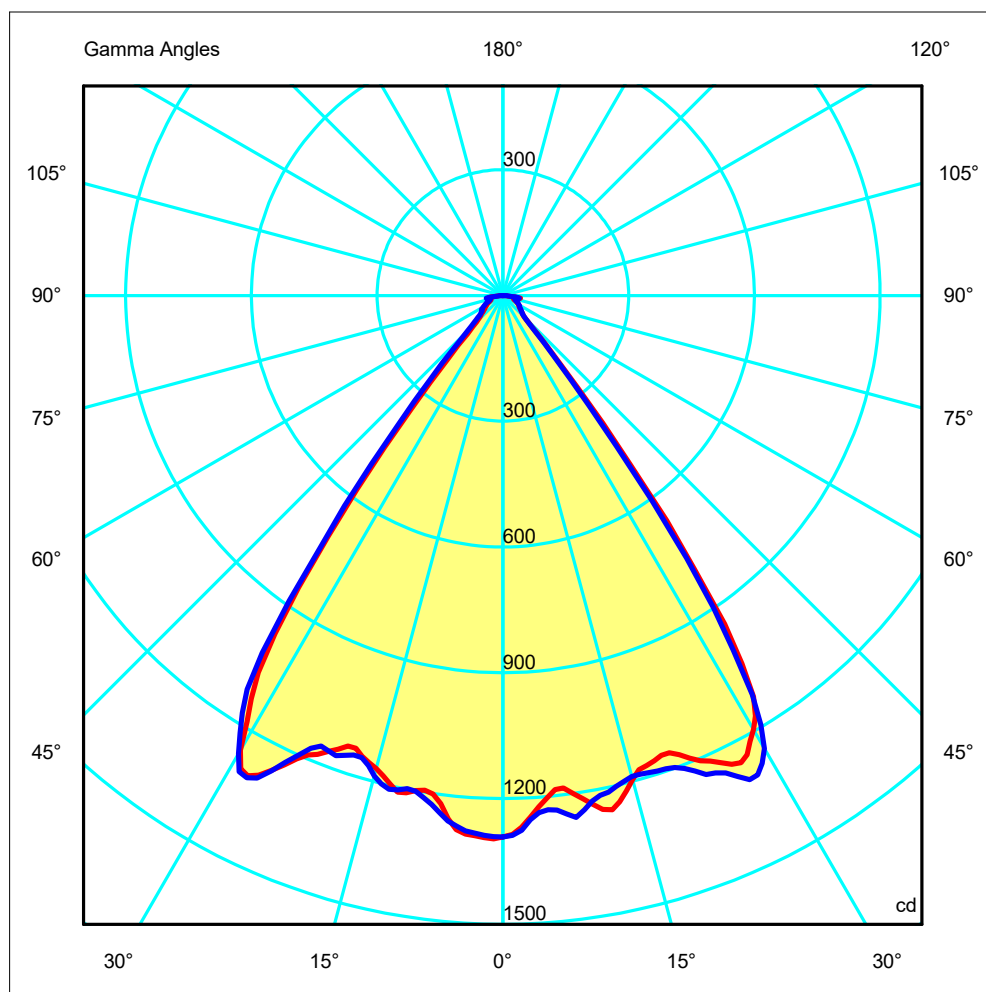
Diam=157mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.02 %
DLOR 99.99 %
RN 0.02 %



Luminaire				Measur.				Lamp					
Code	TRL-20250043			Code	TRL-20250043			Code	Led				
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1				
Line	Eulumdat			Date	10-02-2025			Position					
Luminaire Flux	1720.98 lm			Luminaire Power	22.73 W			Efficacy	75.71 lm/W		Efficiency	100.01%	
Lamps Flux	1720.74 lm			Maximum value	1331.37 cd			Position	C=300.00 G=28.00		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	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72
G 1.0	1285.52	1285.32	1285.01	1283.77	1283.89	1282.49	1283.78	1282.52	1283.60	1283.17	1283.37	1281.73	1283.07
G 2.0	1269.29	1267.84	1268.31	1262.07	1262.95	1261.25	1264.66	1262.02	1261.65	1262.41	1262.48	1264.22	1270.53
G 3.0	1245.76	1242.00	1240.36	1238.14	1238.52	1233.62	1235.33	1231.40	1232.97	1228.22	1231.88	1230.77	1240.98
G 4.0	1222.82	1219.14	1219.14	1212.49	1212.81	1206.69	1207.33	1200.39	1201.89	1202.01	1202.65	1203.68	1213.41
G 5.0	1202.99	1198.91	1199.04	1192.92	1192.78	1189.49	1187.42	1182.81	1183.97	1182.92	1186.64	1189.03	1199.05
G 6.0	1185.26	1184.94	1185.12	1183.76	1188.33	1188.18	1186.52	1184.82	1186.72	1186.78	1186.21	1189.38	1197.52
G 7.0	1183.56	1187.79	1194.31	1197.88	1201.41	1204.05	1199.51	1197.99	1197.05	1198.55	1198.85	1197.58	1205.34
G 8.0	1199.08	1203.32	1210.22	1214.17	1216.00	1214.33	1208.15	1206.80	1206.73	1210.58	1209.05	1209.34	1215.94
G 9.0	1215.11	1220.60	1224.41	1221.90	1221.11	1217.85	1213.74	1216.82	1220.31	1220.87	1222.97	1220.85	1223.09
G 10.0	1232.58	1234.80	1232.01	1227.78	1225.94	1220.23	1216.83	1220.73	1226.02	1229.47	1237.12	1229.86	1231.42
G 11.0	1248.46	1245.55	1241.07	1231.33	1229.62	1222.55	1221.14	1220.72	1226.19	1235.93	1238.97	1230.68	1227.89
G 12.0	1253.82	1244.11	1236.59	1231.22	1230.16	1224.42	1216.83	1219.04	1225.72	1234.52	1237.03	1223.90	1215.90
G 13.0	1238.93	1227.49	1219.34	1213.46	1218.01	1214.58	1208.60	1214.41	1223.99	1225.01	1221.19	1206.30	1206.54
G 14.0	1218.04	1206.88	1197.05	1190.89	1199.90	1202.02	1197.92	1198.80	1208.94	1210.88	1209.03	1200.10	1203.05
G 15.0	1195.22	1188.55	1176.79	1168.77	1187.00	1196.09	1186.03	1185.14	1193.97	1200.05	1202.78	1202.22	1208.43
G 16.0	1176.65	1173.69	1167.98	1163.26	1176.58	1194.11	1186.92	1182.92	1182.67	1193.76	1203.14	1209.01	1218.26
G 17.0	1172.02	1173.69	1162.53	1153.82	1165.30	1186.12	1190.29	1184.90	1184.56	1193.45	1207.09	1212.50	1222.28
G 18.0	1166.98	1170.30	1155.93	1147.57	1159.03	1180.56	1185.46	1177.00	1185.01	1202.76	1205.47	1199.80	1210.74
G 19.0	1159.97	1164.69	1157.09	1155.50	1161.27	1177.34	1179.93	1169.72	1191.54	1206.92	1195.07	1180.73	1201.30
G 20.0	1160.73	1165.15	1167.17	1172.39	1177.31	1179.31	1181.80	1181.73	1196.41	1201.52	1190.43	1177.67	1201.59
G 21.0	1172.98	1166.86	1175.67	1183.55	1184.86	1187.56	1184.19	1197.07	1203.23	1203.73	1204.21	1198.38	1209.02
G 22.0	1189.85	1176.68	1180.08	1186.39	1192.99	1197.07	1195.31	1205.07	1208.92	1204.14	1214.43	1218.57	1221.00
G 23.0	1205.18	1202.42	1191.78	1192.73	1203.26	1212.50	1212.92	1221.14	1214.34	1212.23	1238.98	1245.27	1237.52
G 24.0	1215.64	1218.34	1212.68	1205.85	1218.33	1221.59	1227.08	1232.08	1224.76	1229.41	1259.73	1257.89	1249.54
G 25.0	1229.31	1227.95	1220.75	1228.06	1240.05	1232.58	1233.39	1241.88	1231.98	1243.43	1265.73	1267.26	1265.64
G 26.0	1244.19	1235.24	1231.57	1246.43	1254.34	1242.89	1238.72	1246.90	1237.59	1256.69	1270.29	1273.03	1284.28
G 27.0	1250.90	1234.42	1234.95	1245.46	1246.42	1235.88	1245.60	1242.01	1241.94	1246.63	1254.92	1269.10	1293.48
G 28.0	1240.30	1218.43	1226.61	1230.47	1235.33	1223.78	1240.22	1237.91	1239.31	1242.63	1235.03	1251.03	1283.43
G 29.0	1215.96	1207.30	1205.95	1213.06	1228.20	1215.20	1218.73	1231.38	1236.00	1225.67	1222.41	1225.32	1244.53
G 30.0	1194.70	1194.37	1190.64	1197.19	1221.09	1204.59	1195.82	1209.79	1223.06	1198.39	1198.23	1203.78	1205.02
G 31.0	1169.79	1178.11	1168.04	1174.57	1199.94	1176.27	1181.18	1180.96	1187.69	1181.41	1176.17	1168.59	1165.36
G 32.0	1128.49	1135.17	1127.28	1137.76	1154.83	1128.14	1135.43	1156.27	1147.86	1128.93	1131.91	1115.09	1113.45
G 33.0	1047.01	1065.04	1068.95	1069.47	1085.64	1055.26	1043.47	1085.02	1063.20	1048.45	1054.85	1051.91	1012.10
G 34.0	945.42	955.61	952.67	947.95	973.87	921.71	901.94	936.48	942.94	917.01	919.38	920.34	898.92
G 35.0	796.25	791.18	811.97	809.02	781.04	761.47	773.44	763.47	750.01	769.71	754.96	750.55	739.22
G 36.0	664.10	614.08	626.98	620.35	586.49	585.38	613.36	579.70	582.24	619.28	575.89	571.15	594.04
G 37.0	504.73	457.22	476.85	478.31	443.24	437.97	452.52	404.43	425.26	471.68	425.02	404.17	437.06
G 38.0	386.17	329.11	353.11	358.61	309.20	322.98	348.02	300.33	314.01	355.80	319.57	291.32	326.95
G 39.0	282.56	231.38	252.83	254.23	221.03	234.83	251.19	214.98	225.85	264.00	233.24	220.81	250.16
G 40.0	207.35	171.16	187.70	195.65	168.18	178.75	190.82	159.88	167.47	193.52	175.28	170.12	187.25
G 41.0	156.35	131.41	139.16	142.39	126.85	130.63	144.55	126.14	127.64	146.44	131.15	129.56	142.85
G 42.0	121.84	100.12	108.98	110.96	100.94	104.85	110.82	98.22	103.05	117.15	102.45	100.93	110.84
G 43.0	97.24	81.40	87.60	87.80	79.48	84.79	89.97	80.99	82.18	93.09	85.00	83.35	90.10
G 44.0	82.09	71.22	74.68	75.06	69.55	72.97	76.04	70.15	72.60	78.85	73.25	73.75	79.10
G 45.0	72.31	65.83	68.02	67.56	63.76	65.81	67.88	64.28	65.54	69.67	65.99	66.99	70.57
G 46.0	67.84	62.89	63.74	63.28	60.45	62.04	62.76	60.88	61.94	64.69	62.18	62.89	65.14
G 47.0	64.20	61.05	61.06	60.93	58.54	59.84	60.11	58.85	59.17	61.23	59.64	59.97	61.54
G 48.0	61.52	59.64	59.13	59.12	57.10	57.77	58.03	57.31	57.37	58.49	57.71	58.36	59.24
G 49.0	59.08	58.07	57.66	57.18	55.47	55.68	56.24	55.54	55.54	56.66	56.18	56.95	57.85
G 50.0	56.68	56.09	55.56	55.26	54.26	54.41	54.52	53.83	54.42	55.17	54.72	55.58	56.74
G 51.0	54.21	54.03	53.43	53.14	52.46	52.92	52.75	52.63	53.00	53.41	53.19	54.27	54.47
G 52.0	52.21	52.00	51.51	51.24	51.18	51.03	51.38	51.26	51.07	51.92	51.74	51.89	52.45
G 53.0	50.21	50.23	49.95	49.48	49.57	49.36	49.77	49.29	49.56	50.08	49.98	49.77	50.57
G 54.0	48.62	48.67	48.31	48.28	48.10	47.81	48.11	47.71	48.11	48.67	48.45	48.43	49.25
G 55.0	47.44	47.58	47.17	47.02	46.70	46.24	46.83	46.44	46.70	47.14	46.98	47.35	48.07
G 56.0	46.47	46.62	46.34	46.10	45.12	45.01	45.51	45.43	45.90	45.96	46.03	46.40	47.06
G 57.0	45.38	45.41	45.19	45.43	43.97	44.36	44.70	44.86	45.01	45.33	45.22	45.52	46.19
G 58.0	44.58	44.61	44.13	44.42	43.37	43.49	44.20	44.42	44.32	44.79	44.28	44.72	45.60
G 59.0	43.85	43.83	43.22	43.46	42.60	42.84	43.60	43.45	43.68	44.21	43.33	43.85	44.57
G 60.0	42.76	42.86	41.92	42.59	41.50	42.03	42.26	42.26	42.92	4			

Luminaire			Measurem.			Lamp	
Code	TRL-20250043		Code	TRL-20250043		Code	Led
Name	SPOT medio LED lente Fresnel		Name	SPOT medio LED lente Fresnel		Number	1
Line	Eulumdat		Date	10-02-2025		Position	

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72
G 1.0	1283.39	1283.95	1286.04	1285.61	1286.29	1287.69	1288.53	1287.92	1289.48	1290.44	1289.55	1290.71	1294.16
G 2.0	1266.35	1269.56	1270.33	1267.54	1272.73	1275.83	1276.84	1275.14	1277.75	1280.88	1281.56	1284.26	1286.76
G 3.0	1236.90	1241.45	1240.20	1244.05	1247.72	1251.58	1253.30	1256.39	1260.78	1265.57	1268.06	1271.20	1276.09
G 4.0	1209.74	1216.39	1216.71	1222.72	1230.07	1236.76	1241.77	1243.01	1250.80	1254.10	1257.72	1261.73	1266.56
G 5.0	1200.50	1210.64	1213.56	1218.21	1223.25	1231.20	1236.35	1236.93	1242.87	1243.28	1251.44	1252.54	1257.98
G 6.0	1199.85	1212.10	1216.84	1223.67	1227.57	1233.94	1235.41	1234.42	1239.26	1236.42	1243.95	1242.73	1246.93
G 7.0	1208.07	1221.65	1228.34	1240.20	1244.90	1245.51	1244.54	1238.99	1238.42	1234.50	1238.86	1236.82	1240.62
G 8.0	1220.49	1234.38	1245.85	1249.55	1255.18	1257.04	1250.15	1248.33	1243.94	1237.21	1237.84	1232.86	1239.66
G 9.0	1227.13	1239.87	1244.66	1246.19	1243.55	1241.82	1240.33	1241.96	1238.46	1232.85	1234.65	1226.44	1229.15
G 10.0	1227.70	1233.89	1233.84	1229.68	1224.06	1224.88	1228.22	1228.33	1226.62	1219.82	1224.40	1218.70	1218.18
G 11.0	1222.29	1224.36	1224.33	1216.56	1214.87	1214.26	1221.26	1220.32	1215.61	1209.24	1211.28	1208.29	1206.39
G 12.0	1213.37	1220.74	1219.84	1210.28	1207.92	1211.23	1216.14	1215.96	1212.23	1203.58	1204.21	1196.50	1198.82
G 13.0	1208.73	1216.98	1213.59	1204.04	1200.88	1201.44	1208.16	1209.09	1211.20	1204.39	1200.14	1197.82	1200.30
G 14.0	1206.47	1210.63	1200.92	1190.17	1189.56	1194.11	1195.32	1198.50	1206.68	1198.06	1195.80	1201.49	1207.03
G 15.0	1209.79	1207.19	1196.23	1188.14	1185.98	1187.66	1189.79	1191.10	1194.65	1190.95	1193.29	1205.69	1212.67
G 16.0	1218.01	1207.97	1200.94	1193.23	1187.88	1187.76	1191.29	1184.24	1184.44	1181.41	1184.47	1201.35	1201.35
G 17.0	1220.92	1205.57	1202.08	1208.00	1200.41	1189.91	1191.95	1183.34	1178.79	1174.06	1183.47	1193.05	1195.42
G 18.0	1214.95	1203.21	1206.66	1214.16	1204.10	1192.42	1198.52	1194.79	1189.53	1184.95	1194.71	1193.73	1197.97
G 19.0	1211.18	1210.47	1210.13	1216.35	1205.91	1194.03	1200.09	1203.00	1201.57	1201.06	1200.21	1198.99	1204.33
G 20.0	1216.50	1221.18	1218.26	1226.78	1216.98	1198.28	1202.73	1205.57	1207.40	1206.66	1199.30	1193.46	1203.84
G 21.0	1218.95	1234.71	1231.01	1234.85	1232.66	1208.10	1213.86	1209.52	1214.08	1203.26	1188.37	1185.75	1201.22
G 22.0	1220.52	1239.90	1240.42	1245.25	1242.81	1223.30	1232.83	1224.47	1222.32	1203.34	1191.83	1189.12	1204.37
G 23.0	1232.08	1251.66	1250.43	1259.15	1253.15	1241.24	1249.22	1236.72	1234.83	1214.09	1194.63	1197.87	1213.66
G 24.0	1247.71	1269.15	1265.07	1273.13	1267.38	1246.14	1253.00	1254.93	1246.41	1220.29	1215.84	1213.16	1221.35
G 25.0	1273.73	1294.60	1285.19	1278.49	1271.72	1256.80	1260.83	1277.71	1265.28	1235.21	1240.30	1238.96	1228.10
G 26.0	1292.37	1307.84	1289.75	1274.02	1278.48	1276.21	1269.73	1280.88	1278.88	1257.65	1257.53	1255.75	1245.18
G 27.0	1288.74	1304.06	1288.67	1273.13	1285.73	1295.91	1283.05	1273.09	1287.11	1271.82	1253.91	1263.64	1260.78
G 28.0	1272.99	1301.58	1291.58	1283.31	1291.16	1294.84	1274.30	1261.53	1286.23	1272.25	1245.58	1259.58	1263.71
G 29.0	1245.74	1297.88	1302.25	1295.91	1305.41	1275.91	1258.60	1247.41	1257.39	1255.47	1248.03	1250.60	1247.25
G 30.0	1208.85	1283.07	1303.66	1302.03	1289.55	1247.88	1240.57	1222.05	1234.87	1239.13	1235.33	1233.75	1232.84
G 31.0	1160.68	1218.49	1248.26	1265.21	1236.05	1194.45	1202.55	1206.80	1215.30	1225.99	1228.06	1218.52	1212.91
G 32.0	1081.04	1124.57	1145.85	1169.87	1145.21	1122.03	1141.19	1176.33	1183.56	1181.41	1214.73	1197.34	1181.74
G 33.0	981.47	993.81	983.08	1013.50	1015.08	1008.61	1042.97	1112.89	1116.55	1107.44	1154.93	1137.23	1123.60
G 34.0	858.17	823.90	802.09	823.84	847.14	897.85	919.18	980.12	996.83	985.89	1037.50	1025.79	1018.52
G 35.0	705.14	650.40	597.21	636.93	671.25	764.30	779.13	807.41	825.86	827.89	871.64	880.06	863.49
G 36.0	550.79	487.31	451.68	466.17	503.17	603.63	637.93	608.14	641.34	681.34	671.78	702.98	716.15
G 37.0	397.07	356.22	332.95	350.38	377.40	451.20	478.66	457.88	475.40	501.48	487.94	530.05	581.04
G 38.0	300.92	265.08	252.90	255.20	277.87	331.66	360.77	320.89	360.09	381.14	340.54	388.77	431.57
G 39.0	216.50	200.84	191.59	190.11	207.86	253.54	267.75	239.84	257.13	282.18	257.78	281.93	337.76
G 40.0	165.96	151.12	147.98	146.17	160.97	188.35	198.82	175.14	200.31	217.10	188.44	219.80	251.04
G 41.0	127.09	120.50	112.83	115.23	123.03	146.32	154.12	139.65	148.87	167.56	145.32	163.29	194.95
G 42.0	102.57	95.30	93.10	94.24	100.46	114.77	122.63	104.14	117.24	130.91	116.44	128.39	153.16
G 43.0	85.06	81.78	78.84	80.08	82.74	95.23	99.82	90.25	95.93	102.94	97.57	101.24	121.93
G 44.0	75.07	71.40	70.16	70.57	72.58	79.02	83.14	76.55	81.92	88.58	81.72	87.49	100.56
G 45.0	66.97	64.88	64.28	64.97	66.17	70.61	72.55	69.80	73.35	78.40	74.63	77.09	86.49
G 46.0	62.43	61.29	61.13	61.44	62.36	65.15	67.48	65.34	68.95	72.20	69.70	71.49	77.94
G 47.0	59.92	59.09	59.12	59.75	60.47	62.76	63.98	63.36	66.29	68.09	67.14	67.89	72.63
G 48.0	58.51	57.58	58.08	58.27	59.11	60.75	61.83	61.57	64.14	65.46	65.06	65.73	68.78
G 49.0	57.18	56.01	56.97	56.80	57.82	58.78	60.18	59.87	62.17	63.44	63.33	63.59	65.85
G 50.0	55.42	54.60	55.70	55.06	56.47	57.46	58.02	57.75	60.30	60.93	61.21	61.51	63.41
G 51.0	53.65	52.70	53.52	53.45	54.75	55.67	56.22	56.28	58.00	58.36	59.17	58.95	61.04
G 52.0	51.45	50.54	51.58	51.97	53.12	53.78	54.58	54.42	55.91	56.33	56.55	57.11	58.87
G 53.0	49.75	48.86	49.66	50.59	51.00	51.95	52.83	52.77	54.08	54.29	54.87	55.24	56.53
G 54.0	48.07	47.68	48.46	49.29	49.39	50.21	51.58	51.12	52.51	52.39	52.92	53.26	54.37
G 55.0	46.98	46.78	46.92	47.81	47.96	49.08	50.37	49.96	50.97	50.69	51.12	51.51	52.70
G 56.0	45.74	45.56	45.98	46.50	46.80	47.88	48.83	48.93	49.48	49.70	50.10	49.97	51.09
G 57.0	44.73	44.46	44.88	45.46	45.95	46.81	47.59	47.59	48.22	48.90	48.87	48.97	49.46
G 58.0	43.89	43.57	43.95	44.38	45.18	46.41	47.03	46.23	47.21	47.75	47.42	47.86	48.35
G 59.0	43.30	42.80	43.22	43.52	43.86	45.18	46.06	44.80	45.87	46.27	45.76	46.98	47.17
G 60.0	41.95	41.53	41.85	42.49	42.87	44.01	44.57	43.60	44.48	45.11	44.51	45.55	45.72
G 61.0	40.02	39.84	40.03	40.95	41.24	42.53	42.68	42.17	42.81	43.02	42.75	43.61	44.37
G 62.0	39.07	38.50	38.85	39.15	39.94	41.16	41.30	40.54	41.25	41.65	41.30	41.98	42.72
G 63.0	37.97	37.44	37.39	37.98	38.33	39.53	39.84	38.98	39.62	39.89	39.75	40.14	40.73
G 64.0	36.76	36.34	36.34	36.46	37.27	38.54	38.43	37.76	38.34	38.31	38.18	38.63	39.02
G 65.0	35.54	34.90	34.99	35.35	36.36	37.76	37.37	36.82	37.03	37.18	36.77	37.01	37.66
G 66.0	34.40	34.14	33.89	34.12	34.79	36.48	35.87	35.37	35.63	35.73	35.51	35.61	36.34
G 67.0	33.32	32.8											

Luminaire				Measur.				Lamp							
Code	TRL-20250043			Code	TRL-20250043			Code	Led						
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1						
Line	Eulumdat			Date	10-02-2025			Position							
Luminaire Flux		1720.98 lm		Luminaire Power		22.73 W		Efficacy		75.71 lm/W		Efficiency		100.01%	
Lamps Flux		1720.74 lm		Maximum value		1331.37 cd		Position		C=300.00 G=28.00		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	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	
G 1.0	1291.99	1293.70	1293.72	1293.40	1294.12	1295.00	1293.68	1297.25	1291.86	1295.92	1296.38	1296.13	1295.80		
G 2.0	1286.00	1286.06	1292.87	1293.18	1294.27	1296.43	1297.69	1298.40	1295.13	1298.99	1293.42	1292.69	1292.08		
G 3.0	1276.62	1280.33	1282.05	1283.32	1286.18	1290.52	1290.68	1293.97	1291.89	1293.02	1289.99	1289.90	1290.37		
G 4.0	1271.42	1273.22	1278.03	1275.35	1280.02	1284.12	1285.66	1285.26	1287.40	1287.59	1287.86	1291.00	1292.63		
G 5.0	1260.44	1262.43	1263.10	1256.43	1263.15	1261.77	1266.32	1265.02	1273.39	1277.71	1278.67	1282.74	1286.40		
G 6.0	1247.29	1248.30	1250.78	1238.55	1237.06	1235.30	1238.36	1239.63	1250.81	1259.19	1254.86	1260.49	1261.98		
G 7.0	1239.90	1237.82	1237.10	1224.75	1225.54	1223.54	1220.05	1224.30	1226.38	1230.78	1221.25	1228.38	1230.56		
G 8.0	1237.01	1229.71	1224.64	1213.42	1211.62	1210.30	1207.33	1207.77	1208.69	1211.52	1200.97	1203.74	1207.43		
G 9.0	1228.13	1226.67	1217.32	1206.64	1203.98	1204.03	1199.15	1197.38	1197.30	1200.19	1194.76	1191.81	1196.48		
G 10.0	1219.45	1218.53	1212.18	1204.08	1205.99	1208.75	1207.44	1207.58	1198.35	1202.66	1198.85	1194.29	1197.08		
G 11.0	1209.75	1217.79	1215.70	1210.81	1211.69	1216.15	1215.33	1212.31	1206.54	1210.63	1208.60	1203.02	1205.11		
G 12.0	1207.92	1223.19	1225.73	1217.53	1214.63	1217.81	1219.14	1213.20	1208.27	1215.07	1211.36	1204.68	1209.85		
G 13.0	1207.00	1224.51	1219.04	1209.12	1209.48	1216.75	1219.49	1211.92	1209.49	1208.05	1196.21	1195.36	1198.66		
G 14.0	1209.38	1220.56	1207.92	1193.14	1200.53	1211.40	1215.61	1204.30	1197.00	1190.72	1180.83	1185.16	1178.88		
G 15.0	1208.93	1208.37	1193.10	1182.19	1190.81	1199.10	1201.27	1187.58	1183.67	1177.11	1168.20	1171.02	1168.24		
G 16.0	1194.33	1195.27	1179.76	1172.07	1180.85	1178.85	1174.74	1166.97	1167.60	1170.03	1159.32	1155.98	1158.24		
G 17.0	1188.63	1190.27	1175.98	1156.62	1166.11	1168.59	1154.45	1154.69	1162.52	1168.25	1149.41	1141.33	1141.25		
G 18.0	1192.36	1180.73	1166.28	1148.80	1159.89	1168.69	1151.26	1151.99	1164.68	1160.07	1135.19	1134.04	1131.84		
G 19.0	1203.32	1174.19	1154.92	1150.24	1165.73	1170.67	1154.82	1161.82	1165.33	1149.22	1136.42	1138.25	1141.39		
G 20.0	1201.54	1177.94	1153.51	1146.70	1175.60	1182.16	1169.10	1168.77	1159.52	1144.96	1151.58	1146.62	1158.56		
G 21.0	1199.64	1179.13	1156.14	1155.76	1180.09	1190.63	1179.47	1172.83	1158.56	1152.47	1165.33	1160.86	1173.21		
G 22.0	1210.88	1190.25	1161.63	1160.04	1179.91	1186.18	1174.23	1172.56	1163.55	1163.54	1180.63	1174.13	1187.45		
G 23.0	1220.91	1204.78	1175.98	1162.74	1173.08	1188.46	1174.95	1164.31	1168.59	1182.01	1190.92	1184.66	1209.30		
G 24.0	1229.89	1215.34	1193.50	1174.41	1182.78	1196.66	1177.75	1158.12	1174.32	1196.31	1209.83	1209.89	1221.66		
G 25.0	1234.94	1227.05	1205.60	1194.25	1205.03	1202.66	1188.06	1175.15	1187.51	1206.23	1234.95	1229.92	1232.59		
G 26.0	1244.06	1242.14	1221.39	1220.28	1227.05	1213.58	1206.35	1209.71	1212.81	1230.40	1260.55	1244.41	1254.89		
G 27.0	1260.05	1262.04	1250.23	1233.04	1244.72	1226.04	1218.62	1234.61	1234.68	1241.61	1283.96	1278.90	1278.05		
G 28.0	1255.69	1265.97	1260.47	1242.20	1247.92	1245.49	1236.11	1240.01	1240.54	1250.58	1297.70	1297.40	1288.83		
G 29.0	1245.44	1250.59	1254.07	1235.84	1247.35	1243.49	1234.11	1234.67	1236.27	1252.02	1290.99	1302.15	1303.67		
G 30.0	1235.40	1230.05	1238.34	1220.69	1233.19	1234.76	1220.06	1217.67	1222.99	1237.26	1252.36	1289.01	1299.55		
G 31.0	1225.80	1208.41	1216.38	1192.03	1206.51	1210.34	1185.48	1194.88	1190.61	1187.09	1185.40	1240.75	1270.07		
G 32.0	1199.17	1182.92	1183.63	1163.58	1183.42	1176.09	1152.64	1164.96	1154.95	1130.10	1133.40	1149.56	1213.85		
G 33.0	1155.00	1138.13	1117.46	1131.35	1146.51	1117.84	1117.54	1129.62	1101.70	1073.22	1071.80	1053.82	1132.50		
G 34.0	1073.08	1051.60	1030.86	1055.04	1070.89	1029.84	1070.47	1060.13	1034.74	1033.07	972.59	928.34	1009.24		
G 35.0	935.18	915.99	895.33	933.09	934.24	912.15	983.93	945.18	938.01	971.61	850.85	814.71	848.30		
G 36.0	731.45	732.91	753.24	772.50	771.71	777.44	824.34	787.10	794.84	846.72	709.65	682.39	697.25		
G 37.0	548.94	551.49	586.71	580.65	592.47	629.31	619.09	637.25	655.73	677.98	578.58	562.91	528.45		
G 38.0	393.95	408.20	468.53	419.30	454.58	491.84	464.39	485.31	514.36	514.24	458.99	450.66	391.13		
G 39.0	282.74	301.99	361.18	314.42	335.82	377.75	331.92	366.85	413.41	360.26	348.57	362.89	287.97		
G 40.0	213.93	222.37	276.33	232.25	256.51	291.94	246.22	275.12	330.73	266.94	270.02	283.93	206.76		
G 41.0	162.20	168.83	209.23	170.70	190.86	231.34	186.35	208.09	254.08	199.26	200.92	221.25	165.14		
G 42.0	126.82	135.80	163.22	136.47	149.41	182.20	144.51	160.52	204.21	155.14	159.76	175.73	129.37		
G 43.0	104.68	107.54	132.57	109.82	115.52	145.22	113.60	125.67	160.82	120.24	124.01	143.40	103.95		
G 44.0	86.22	90.80	106.30	91.19	97.03	118.25	93.50	103.00	130.59	98.01	103.48	115.53	88.06		
G 45.0	77.62	80.53	92.22	80.62	83.74	99.15	82.86	88.64	107.54	83.55	88.84	96.90	78.20		
G 46.0	72.05	74.21	82.06	74.48	76.99	87.49	76.07	80.15	94.83	76.96	80.86	87.33	72.68		
G 47.0	68.49	70.83	76.30	70.88	72.63	79.88	72.01	75.09	84.21	72.35	75.16	79.57	69.47		
G 48.0	66.55	67.81	71.10	68.30	69.86	74.78	69.44	71.25	77.95	69.39	71.32	74.37	67.07		
G 49.0	64.28	65.35	67.99	65.88	67.31	70.64	67.37	68.70	72.22	67.00	67.79	69.87	64.85		
G 50.0	62.06	63.51	64.75	64.10	64.87	67.62	64.95	66.06	68.59	64.54	64.83	65.36	62.34		
G 51.0	60.26	61.41	62.33	62.01	62.38	64.46	62.72	63.64	64.70	62.16	61.76	62.44	59.87		
G 52.0	58.43	59.07	59.91	59.71	60.06	61.70	60.28	60.95	61.73	59.92	59.62	59.30	57.70		
G 53.0	56.02	56.86	57.38	57.41	57.77	58.90	58.13	58.35	58.41	57.86	56.56	56.67	55.63		
G 54.0	54.08	54.90	55.36	55.22	55.55	56.21	55.83	56.22	56.00	55.35	54.52	54.15	53.58		
G 55.0	52.25	53.07	53.24	53.28	53.29	54.30	53.67	53.92	53.60	53.12	52.50	52.09	51.48		
G 56.0	50.71	51.21	52.01	51.79	51.94	52.07	52.03	51.91	51.54	51.26	50.83	50.49	49.91		
G 57.0	49.25	49.94	50.36	50.31	50.44	50.58	50.54	50.51							

Luminaire				Measurem.				Lamp			
Code	TRL-20250043			Code	TRL-20250043			Code	Lamp		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72
G 1.0	1294.52	1295.27	1296.85	1295.15	1293.86	1294.00	1295.76	1291.82	1293.70	1295.34	1294.08	1294.15	1292.61
G 2.0	1291.65	1291.06	1292.96	1291.74	1290.88	1290.88	1289.47	1286.68	1286.91	1291.41	1287.95	1290.50	1289.36
G 3.0	1291.50	1292.04	1293.31	1293.01	1292.21	1291.38	1286.97	1284.60	1281.41	1287.48	1280.65	1282.44	1281.05
G 4.0	1295.26	1300.17	1303.81	1304.35	1301.43	1299.12	1291.20	1289.41	1287.91	1291.60	1280.35	1281.02	1276.81
G 5.0	1292.25	1295.73	1303.41	1306.79	1304.39	1297.35	1292.61	1287.27	1285.09	1287.40	1277.51	1278.91	1273.01
G 6.0	1268.50	1272.76	1285.07	1285.33	1285.02	1281.99	1281.04	1279.51	1279.64	1281.86	1272.29	1274.17	1270.21
G 7.0	1242.43	1248.25	1258.96	1264.31	1264.86	1259.38	1260.92	1263.79	1267.30	1276.46	1266.97	1267.50	1257.78
G 8.0	1214.22	1225.47	1237.95	1241.30	1242.51	1241.00	1239.64	1243.55	1250.89	1258.32	1253.19	1253.99	1242.20
G 9.0	1199.95	1211.98	1225.89	1228.51	1222.50	1218.39	1222.53	1219.96	1226.81	1229.50	1222.16	1224.50	1214.37
G 10.0	1207.66	1221.22	1225.43	1222.84	1216.41	1206.88	1198.68	1197.73	1198.03	1200.41	1194.24	1194.16	1189.05
G 11.0	1213.27	1219.86	1223.39	1221.99	1214.48	1204.08	1193.82	1188.81	1180.74	1182.45	1176.44	1177.13	1175.42
G 12.0	1211.30	1213.09	1214.12	1218.84	1214.15	1209.87	1196.84	1187.81	1181.18	1183.12	1176.31	1179.12	1173.40
G 13.0	1198.26	1196.38	1202.43	1205.05	1211.16	1213.67	1201.82	1190.64	1184.77	1189.14	1181.13	1180.96	1173.40
G 14.0	1171.85	1179.63	1189.94	1188.96	1193.89	1202.38	1193.30	1182.29	1178.52	1190.04	1183.03	1175.12	1172.68
G 15.0	1162.06	1169.65	1178.95	1176.14	1177.26	1184.02	1178.25	1171.14	1166.90	1176.56	1173.59	1169.96	1166.67
G 16.0	1158.49	1154.79	1162.75	1161.48	1160.26	1167.14	1167.71	1161.62	1152.69	1165.21	1165.06	1160.97	1157.91
G 17.0	1147.52	1145.77	1145.04	1148.79	1153.18	1157.95	1159.16	1156.34	1145.50	1157.96	1153.37	1146.65	1137.72
G 18.0	1144.88	1145.84	1132.10	1134.64	1141.82	1150.53	1155.76	1152.33	1147.93	1151.69	1143.78	1136.13	1121.35
G 19.0	1147.68	1150.70	1135.90	1133.34	1132.66	1145.31	1138.71	1145.42	1145.39	1145.55	1136.70	1135.08	1122.02
G 20.0	1160.93	1157.05	1147.71	1145.86	1141.70	1148.14	1131.91	1137.49	1141.53	1148.96	1138.59	1136.49	1120.10
G 21.0	1172.37	1164.67	1166.90	1163.09	1158.14	1159.95	1138.66	1138.13	1141.56	1151.20	1134.65	1127.31	1116.34
G 22.0	1187.93	1178.73	1183.25	1175.33	1167.42	1176.86	1147.77	1148.55	1152.35	1151.77	1138.55	1132.56	1118.16
G 23.0	1204.83	1197.35	1200.36	1185.96	1176.43	1186.70	1160.72	1160.86	1161.96	1167.44	1152.52	1140.88	1135.60
G 24.0	1218.64	1216.70	1215.93	1201.82	1193.88	1207.43	1180.24	1174.33	1172.22	1186.53	1174.46	1165.81	1159.42
G 25.0	1238.34	1249.22	1254.92	1228.23	1216.04	1227.34	1203.85	1194.02	1206.02	1207.81	1191.36	1192.02	1192.08
G 26.0	1261.82	1284.51	1283.66	1255.08	1241.25	1242.54	1227.60	1211.39	1232.13	1230.75	1218.86	1223.35	1222.15
G 27.0	1275.78	1303.25	1298.66	1282.05	1263.06	1254.31	1252.30	1230.79	1245.28	1262.22	1254.40	1255.58	1265.61
G 28.0	1290.72	1299.14	1309.08	1305.43	1287.32	1264.14	1267.24	1260.89	1258.24	1285.59	1277.52	1284.00	1295.98
G 29.0	1292.90	1287.03	1310.57	1321.97	1293.04	1275.13	1276.06	1263.87	1260.44	1301.19	1290.05	1283.65	1302.33
G 30.0	1282.86	1280.86	1288.60	1298.58	1274.81	1247.18	1244.89	1234.63	1236.61	1271.72	1264.57	1251.59	1289.24
G 31.0	1275.22	1276.32	1266.44	1247.38	1204.79	1194.82	1204.60	1200.32	1193.55	1216.96	1195.02	1211.21	1249.48
G 32.0	1279.45	1251.95	1216.83	1173.87	1130.38	1138.04	1159.08	1142.08	1134.03	1163.88	1148.39	1171.25	1214.64
G 33.0	1233.76	1197.05	1129.73	1090.11	1051.72	1089.89	1130.90	1086.49	1094.83	1150.96	1107.38	1135.75	1181.23
G 34.0	1106.95	1090.28	1012.40	991.43	997.84	1032.71	1076.38	1032.33	1053.49	1108.57	1065.41	1078.20	1107.94
G 35.0	902.25	925.50	893.94	866.46	917.62	950.03	942.91	959.68	961.39	977.66	977.59	970.14	965.44
G 36.0	676.65	693.47	726.53	738.93	813.90	844.02	785.59	836.82	855.86	811.67	867.37	824.20	792.66
G 37.0	492.64	522.03	580.05	597.27	649.85	678.41	629.38	695.02	700.89	657.71	703.13	671.31	649.36
G 38.0	356.94	370.66	449.22	487.95	529.20	538.20	519.87	555.11	572.98	538.25	569.39	539.82	515.88
G 39.0	263.96	282.69	329.11	395.56	402.13	401.77	418.04	441.39	433.38	450.13	431.09	415.47	421.30
G 40.0	196.92	215.12	247.27	315.81	315.24	294.86	341.21	334.15	324.78	355.14	322.46	325.76	344.91
G 41.0	153.45	162.83	184.70	250.36	248.88	221.91	269.55	263.13	247.43	298.83	243.96	243.30	274.11
G 42.0	121.03	127.73	141.36	205.51	192.71	163.63	224.27	201.13	186.77	244.33	186.31	192.98	223.98
G 43.0	98.10	106.40	114.60	163.55	148.73	127.76	176.94	153.95	145.20	200.92	145.59	150.95	185.71
G 44.0	85.95	88.56	94.61	134.79	120.42	105.89	150.24	127.44	118.52	163.49	116.75	122.42	152.98
G 45.0	77.50	79.00	83.20	113.94	101.63	91.64	124.40	106.05	100.82	137.89	99.40	102.96	126.77
G 46.0	71.15	73.07	76.20	97.97	91.03	82.73	109.03	92.87	89.06	118.13	88.50	91.44	111.32
G 47.0	68.49	69.65	71.79	88.28	82.00	77.09	96.24	84.26	81.99	103.90	81.34	83.68	97.82
G 48.0	65.99	67.41	68.94	80.35	76.70	72.52	85.72	78.51	76.14	92.30	76.33	78.41	88.29
G 49.0	64.09	64.91	65.67	74.55	71.28	69.17	78.08	73.79	71.58	83.70	72.27	74.46	80.85
G 50.0	61.85	62.74	63.29	69.85	68.44	66.38	72.83	69.89	68.94	77.14	68.60	70.78	74.70
G 51.0	59.55	60.49	60.89	65.72	64.59	63.36	68.26	66.52	65.80	71.84	66.16	67.37	70.04
G 52.0	57.49	58.14	58.85	62.26	61.57	61.10	64.11	63.71	63.21	68.05	63.68	65.16	66.30
G 53.0	55.26	56.18	56.83	59.29	59.06	58.76	61.26	61.21	60.76	64.99	61.56	62.76	64.06
G 54.0	53.52	54.35	54.65	56.95	56.80	56.84	58.83	59.22	59.06	62.95	59.85	60.98	62.03
G 55.0	51.86	52.35	52.83	54.64	54.48	55.14	57.05	57.92	57.88	62.20	58.69	60.06	61.55
G 56.0	49.79	50.95	51.06	52.94	53.19	54.05	55.79	57.21	56.94	61.31	58.15	59.45	61.87
G 57.0	48.42	49.39	49.84	51.48	52.00	52.79	54.42	56.17	55.92	60.15	57.46	58.39	61.47
G 58.0	47.35	48.24	48.76	50.87	51.32	51.92	53.57	55.12	54.38	58.12	56.54	56.68	58.91
G 59.0	46.08	46.78	47.27	49.48	49.55	50.46	51.68	53.10	52.77	55.93	54.74	55.39	56.72
G 60.0	44.35	45.16	45.64	47.51	47.69	48.68	49.90	50.99	50.87	53.64	52.78	53.72	54.37
G 61.0	42.49	43.25	44.10	45.80	46.02	46.88	48.27	48.98	48.71	51.16	50.57	51.50	51.87
G 62.0	41.00	41.60	42.45	44.12	44.64	45.17	46.12	46.66	46.96	48.92	48.22	49.05	49.48
G 63.0	39.30	39.57	40.65	42.41	42.31	43.27	43.98	44.74	44.96	46.70	46.25	46.93	47.49
G 64.0	37.56	38.33	39.02	40.64	40.59	41.32	42.10	42.81	43.29	44.96	44.38	44.92	46.15
G 65.0	36.04	36.48	37.23	38.96	38.82	39.35	40.10	40.70	41.26	43.12	42.48	42.97	43.53
G 66.0	34.28	34.63	35.71	37.25	37.23	37.74	38.28	38.98	39.23	41.33	40.36	40.85	41.29
G 67.0	32.44	32.97	33.85	35.18	35.20	35.65	36.43	37.13	37				

Luminaire				Measurem.				Lamp			
Code	TRL-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	CG Asymmetrical	

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	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72
G 1.0	1289.72	1291.05	1290.78	1289.45	1287.98	1287.82	1288.15	1291.14	1286.53	1287.38	1290.06	1289.85	1286.72
G 2.0	1287.63	1288.07	1288.28	1288.20	1284.72	1286.10	1283.35	1289.23	1285.01	1286.51	1285.36	1283.31	1280.24
G 3.0	1281.00	1284.67	1284.00	1284.43	1277.42	1282.45	1277.96	1283.54	1277.41	1278.19	1273.80	1272.01	1266.39
G 4.0	1273.11	1280.15	1280.34	1279.79	1271.59	1273.52	1264.50	1267.11	1260.86	1262.68	1253.66	1249.86	1239.96
G 5.0	1268.50	1273.03	1270.12	1270.63	1261.44	1258.17	1244.52	1242.49	1232.23	1232.37	1226.06	1223.85	1213.98
G 6.0	1263.73	1265.79	1260.27	1256.76	1246.56	1235.32	1224.77	1218.30	1209.18	1205.11	1198.97	1196.89	1193.68
G 7.0	1250.67	1248.82	1242.87	1237.75	1225.56	1217.08	1205.86	1203.92	1196.56	1194.37	1186.39	1181.98	1182.40
G 8.0	1232.55	1228.04	1225.50	1219.57	1214.77	1208.40	1206.24	1209.73	1200.74	1195.77	1188.51	1189.38	1186.91
G 9.0	1206.93	1208.55	1212.54	1210.90	1207.68	1205.22	1213.20	1222.48	1218.13	1216.08	1202.96	1201.76	1201.93
G 10.0	1185.04	1193.51	1200.33	1205.65	1203.75	1207.07	1220.98	1236.07	1235.85	1231.25	1218.81	1213.11	1211.54
G 11.0	1177.26	1188.46	1198.23	1206.75	1205.25	1218.56	1229.39	1240.35	1236.52	1230.73	1217.24	1204.00	1201.07
G 12.0	1174.92	1194.75	1205.29	1216.39	1214.48	1223.75	1231.99	1232.06	1223.42	1211.40	1197.63	1187.33	1183.54
G 13.0	1177.13	1193.37	1208.75	1219.77	1220.21	1225.64	1227.74	1215.29	1195.87	1185.13	1173.46	1172.68	1175.71
G 14.0	1174.54	1189.49	1200.72	1217.95	1217.64	1221.71	1213.14	1191.19	1174.61	1169.73	1167.63	1163.42	1172.59
G 15.0	1167.88	1179.63	1186.00	1201.22	1207.08	1203.59	1191.80	1167.93	1158.06	1168.37	1169.93	1162.74	1166.00
G 16.0	1162.68	1165.63	1165.98	1182.53	1190.76	1185.46	1163.11	1152.90	1154.49	1166.06	1170.12	1170.24	1161.07
G 17.0	1150.06	1154.34	1152.63	1169.32	1170.70	1166.60	1147.71	1144.59	1156.74	1167.06	1169.47	1168.89	1156.51
G 18.0	1139.54	1150.52	1152.00	1165.19	1156.77	1154.58	1143.10	1145.09	1158.19	1168.76	1169.92	1156.51	1151.90
G 19.0	1134.11	1149.91	1160.11	1169.91	1156.28	1151.60	1145.23	1160.36	1173.63	1169.63	1175.07	1167.47	1159.24
G 20.0	1131.71	1153.11	1167.52	1171.61	1160.55	1157.77	1155.14	1170.88	1189.59	1173.51	1168.42	1184.63	1180.59
G 21.0	1131.39	1153.89	1163.06	1158.41	1149.74	1165.59	1176.36	1176.92	1193.90	1186.96	1181.07	1196.07	1209.08
G 22.0	1140.74	1157.87	1158.79	1149.23	1146.45	1183.36	1201.60	1194.51	1199.24	1197.28	1185.37	1200.20	1231.28
G 23.0	1161.26	1178.88	1173.06	1157.80	1167.11	1201.23	1219.65	1219.86	1215.05	1208.66	1191.93	1218.69	1242.45
G 24.0	1185.21	1207.89	1199.32	1190.97	1202.10	1226.47	1236.97	1234.63	1228.13	1229.03	1228.23	1242.15	1251.55
G 25.0	1215.42	1235.83	1228.80	1228.04	1233.87	1245.19	1250.89	1252.22	1246.31	1262.85	1278.07	1262.88	1255.92
G 26.0	1241.64	1251.24	1262.06	1266.69	1259.25	1273.27	1267.80	1269.28	1274.65	1291.51	1298.98	1278.37	1272.97
G 27.0	1272.11	1267.95	1291.75	1286.29	1272.13	1294.66	1281.73	1288.94	1309.69	1321.27	1310.57	1297.25	1293.24
G 28.0	1290.32	1287.86	1302.79	1287.88	1270.29	1293.71	1292.17	1299.14	1331.37	1328.03	1308.02	1304.95	1301.88
G 29.0	1286.99	1285.67	1298.41	1281.94	1265.98	1275.51	1267.45	1288.34	1313.41	1329.49	1310.59	1297.23	1288.18
G 30.0	1258.61	1248.62	1262.22	1249.30	1233.34	1234.67	1211.19	1253.92	1264.46	1305.59	1293.01	1282.08	1261.46
G 31.0	1208.60	1201.39	1217.33	1189.87	1175.88	1179.46	1142.93	1181.33	1199.88	1245.57	1261.66	1263.86	1201.34
G 32.0	1161.05	1155.73	1173.06	1136.07	1135.75	1144.01	1081.02	1089.65	1109.26	1134.57	1199.64	1199.71	1118.10
G 33.0	1116.96	1119.04	1120.32	1075.93	1095.54	1094.82	1028.01	1011.21	1000.04	1012.27	1072.58	1046.42	989.63
G 34.0	1050.16	1064.49	1027.99	1006.52	1013.65	1007.59	967.43	906.71	865.14	883.55	887.47	871.87	850.69
G 35.0	961.10	930.07	889.87	930.07	879.38	872.28	875.69	801.64	744.96	739.69	705.97	652.68	696.07
G 36.0	835.65	787.48	737.72	797.37	733.37	715.40	749.24	674.64	617.90	598.09	537.69	504.60	550.23
G 37.0	688.28	644.19	628.77	664.45	611.84	569.46	588.42	552.98	516.37	457.10	393.28	377.22	417.39
G 38.0	531.47	523.47	508.99	511.13	478.97	458.04	445.27	444.88	417.79	330.61	295.85	288.33	312.91
G 39.0	401.37	416.37	402.25	380.18	378.97	367.07	328.79	354.54	321.58	255.90	223.10	216.64	227.79
G 40.0	301.93	323.60	328.57	268.12	303.51	293.12	241.57	286.37	257.55	192.33	174.29	165.86	166.52
G 41.0	219.71	255.99	264.86	205.99	230.75	225.15	187.18	225.89	206.72	145.50	135.39	127.30	136.26
G 42.0	172.46	200.36	217.03	156.88	183.47	180.47	139.51	174.59	157.11	113.12	107.00	101.16	105.14
G 43.0	136.38	156.62	175.51	124.45	150.45	145.19	111.95	143.66	127.66	94.08	88.30	85.93	86.87
G 44.0	109.35	124.85	141.86	104.80	122.59	120.15	96.35	117.50	106.59	82.29	77.62	75.40	77.85
G 45.0	95.14	104.60	119.83	90.69	104.80	105.41	85.25	100.69	92.12	74.98	70.84	69.89	71.13
G 46.0	85.62	94.08	105.70	81.89	91.95	92.31	78.12	88.55	83.00	70.22	67.26	66.04	67.21
G 47.0	79.25	85.43	94.70	76.96	83.70	83.61	73.18	80.31	76.95	67.54	65.13	64.32	65.14
G 48.0	75.00	79.18	85.60	73.05	77.80	77.21	69.83	74.25	72.45	65.44	63.24	62.63	63.13
G 49.0	71.83	74.43	79.12	69.71	73.11	72.52	67.05	70.13	68.31	62.98	61.44	60.33	60.82
G 50.0	68.85	70.23	73.50	66.51	68.82	68.74	64.44	65.45	64.38	60.76	59.09	58.31	58.76
G 51.0	66.19	67.18	69.22	63.98	65.68	65.22	62.20	62.36	61.25	57.96	56.91	56.10	56.34
G 52.0	63.70	64.53	66.30	61.87	62.22	62.14	59.29	59.25	58.22	55.83	55.01	54.17	54.58
G 53.0	62.30	62.52	63.45	59.63	60.24	59.93	57.30	57.18	55.65	54.33	53.08	52.58	52.87
G 54.0	60.27	60.82	62.10	58.15	58.90	58.02	55.85	55.67	53.99	52.54	51.57	51.33	51.54
G 55.0	59.19	59.22	61.23	56.53	57.47	56.92	54.64	54.54	52.68	51.05	50.24	49.60	50.14
G 56.0	58.73	58.81	61.04	55.79	57.13	56.61	53.92	54.05	51.75	50.15	49.28	48.65	49.17
G 57.0	58.03	58.56	60.96	55.66	56.84	55.48	53.49	53.15	51.01	49.32	48.32	47.76	47.93
G 58.0	57.12	57.38	58.98	54.47	56.31	54.31	52.51	52.17	50.30	48.36	47.41	46.93	46.86
G 59.0	55.76	55.10	56.81	52.90	54.18	52.29	51.29	50.49	49.03	47.11	46.34	45.44	45.59
G 60.0	53.59	53.56	54.15	51.40	52.49	50.94	49.91	49.05	47.87	45.81	44.96	44.12	44.45
G 61.0	51.74	51.91	52.22	50.01	50.22	49.38	48.16	47.11	46.02	44.33	43.36	42.44	42.84
G 62.0	48.92	48.85	50.16	47.62	48.20	47.33	45.93	44.93	43.56	42.45	41.49	41.01	41.34
G 63.0	47.15	46.79	47.82	45.74	46.31	45.03	43.75	42.93	41.93	40.28	39.84	39.05	39.81
G 64.0	44.93	45.04	46.17	43.60	44.21	43.23	41.60	41.04	40.34	38.75	37.78	37.43	38.04
G 65.0	42.67	42.79	43.79	41.71	42.33	41.46	39.72	39.30	38.50	36.74	36.18	35.57	35.95
G 66.0	40.54	40.92	41.91	39.58	40.13	39.95	38.26	38.03	36.94	35.04	34.04	33.65	34.18
G 67.0	38.76	38.70	40.39	38.30	38.55	38.44	36.65	36.43	35.06	33.16			

Luminaire			Measurem.			Lamp	
Code	TRL-20250043		Code	TRL-20250043		Code	Led
Name	SPOT medio LED lente Fresnel		Name	SPOT medio LED lente Fresnel		Number	1
Line	Eulumdat		Date	10-02-2025		Position	

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72	1291.72
G 1.0	1286.23	1285.91	1283.72	1286.17	1283.86	1282.13	1282.53
G 2.0	1278.86	1279.45	1273.54	1271.04	1266.45	1264.32	1265.44
G 3.0	1262.96	1262.40	1257.53	1257.15	1248.39	1244.21	1242.52
G 4.0	1235.28	1232.67	1234.41	1230.49	1225.60	1217.46	1217.83
G 5.0	1205.96	1201.45	1202.81	1195.52	1199.57	1192.36	1196.56
G 6.0	1185.60	1182.47	1185.89	1180.68	1184.43	1180.77	1186.92
G 7.0	1181.27	1183.83	1187.74	1187.79	1189.61	1190.45	1195.48
G 8.0	1183.30	1191.86	1200.91	1205.28	1208.61	1207.43	1213.04
G 9.0	1197.48	1204.10	1215.78	1223.56	1226.61	1225.83	1229.30
G 10.0	1211.40	1216.37	1224.19	1232.69	1241.61	1245.89	1245.58
G 11.0	1209.71	1221.31	1229.24	1234.82	1249.54	1254.86	1261.10
G 12.0	1199.21	1217.78	1224.89	1231.55	1241.95	1247.85	1258.38
G 13.0	1193.55	1214.65	1222.15	1220.26	1221.19	1218.75	1236.17
G 14.0	1189.30	1206.97	1208.19	1204.19	1198.01	1191.70	1209.24
G 15.0	1181.15	1192.30	1191.25	1190.90	1183.65	1178.52	1191.65
G 16.0	1165.22	1180.42	1185.76	1182.62	1171.65	1165.54	1178.98
G 17.0	1158.38	1174.35	1184.49	1179.89	1165.00	1157.23	1170.04
G 18.0	1160.05	1173.57	1181.61	1178.96	1168.28	1164.64	1169.16
G 19.0	1166.83	1173.87	1177.00	1180.50	1175.72	1168.51	1170.26
G 20.0	1174.08	1173.76	1176.40	1176.37	1181.43	1177.82	1182.48
G 21.0	1200.02	1188.72	1185.45	1178.38	1184.50	1185.13	1189.28
G 22.0	1220.93	1206.62	1197.26	1196.24	1186.77	1190.65	1203.74
G 23.0	1239.80	1231.00	1218.36	1213.48	1201.80	1199.02	1212.32
G 24.0	1242.39	1249.98	1244.08	1235.99	1216.54	1219.95	1226.18
G 25.0	1248.49	1272.63	1266.92	1249.55	1226.80	1242.58	1253.21
G 26.0	1270.79	1296.52	1277.71	1254.79	1246.51	1248.64	1266.80
G 27.0	1299.50	1303.07	1276.23	1257.07	1252.24	1239.74	1259.97
G 28.0	1305.75	1284.05	1251.72	1247.27	1241.85	1220.80	1229.67
G 29.0	1281.99	1226.01	1220.84	1221.00	1208.93	1207.42	1208.85
G 30.0	1223.04	1165.40	1146.78	1190.61	1171.85	1171.28	1175.15
G 31.0	1134.34	1106.97	1100.24	1133.16	1137.09	1131.63	1135.40
G 32.0	1040.54	1045.47	1054.06	1068.69	1087.33	1085.18	1080.90
G 33.0	937.15	966.32	1005.79	984.55	986.25	1024.33	1005.26
G 34.0	811.15	856.61	908.75	867.55	851.46	896.50	889.09
G 35.0	712.73	722.97	761.05	728.44	701.81	726.76	729.99
G 36.0	579.83	606.76	575.93	576.39	582.55	567.50	589.50
G 37.0	473.78	474.84	438.82	462.78	433.87	398.63	439.32
G 38.0	353.91	362.47	319.56	363.84	344.15	295.61	339.87
G 39.0	284.37	271.63	238.22	276.31	250.67	206.27	241.52
G 40.0	219.11	202.73	175.26	209.88	183.02	153.63	185.41
G 41.0	169.33	157.22	131.97	166.08	138.75	119.30	139.71
G 42.0	132.87	121.73	103.01	124.10	110.48	94.93	106.43
G 43.0	109.49	97.23	85.65	101.84	89.92	79.25	88.68
G 44.0	91.31	85.50	75.64	87.30	78.77	70.83	77.69
G 45.0	80.63	75.88	70.04	78.34	72.17	66.65	70.97
G 46.0	73.45	70.21	66.64	72.63	67.18	64.17	66.79
G 47.0	69.19	67.39	64.80	69.01	64.65	62.57	63.95
G 48.0	65.37	64.83	62.75	65.30	61.84	60.62	61.42
G 49.0	62.11	61.80	60.71	61.75	59.88	58.33	59.14
G 50.0	59.20	59.31	58.38	59.19	57.31	56.43	56.80
G 51.0	56.45	56.86	56.16	56.56	55.05	54.28	54.35
G 52.0	54.82	54.86	54.43	54.59	53.05	52.52	52.21
G 53.0	52.91	52.99	52.56	52.50	51.56	50.69	50.45
G 54.0	51.27	51.35	51.30	51.07	49.84	49.36	49.25
G 55.0	50.16	50.25	49.72	49.78	48.64	48.40	47.99
G 56.0	49.12	49.08	48.58	48.57	47.48	47.28	47.15
G 57.0	48.03	48.09	47.60	47.73	46.72	46.24	45.98
G 58.0	46.68	47.28	46.79	46.72	45.78	45.56	45.15
G 59.0	45.73	46.06	45.63	45.68	45.00	44.48	44.35
G 60.0	44.54	44.87	44.46	44.50	43.27	43.09	43.26
G 61.0	43.21	43.44	42.83	42.98	42.20	41.63	41.61
G 62.0	41.11	41.95	41.57	41.45	40.42	40.20	39.93
G 63.0	39.86	40.35	39.81	39.78	38.62	38.47	38.64
G 64.0	37.56	38.62	38.04	37.74	36.97	36.91	37.03
G 65.0	36.05	36.54	36.06	35.91	35.13	35.16	35.45
G 66.0	34.30	34.78	34.21	34.15	33.15	33.38	33.72
G 67.0	32.37	33.05	32.63	32.60	31.66	31.56	32.01
G 68.0	31.00	31.40	31.03	31.06	30.29	30.49	30.47
G 69.0	29.85	30.25	29.73	29.90	29.21	29.38	29.38
G 70.0	29.20	29.47	28.73	28.87	28.29	28.63	28.47
G 71.0	28.77	28.92	28.37	28.68	27.94	28.19	27.80
G 72.0	28.63	28.49	28.21	28.49	27.80	28.07	28.20

Luminaire				Measurem.				Lamp	
Code	TRL-20250043			Code	TRL-20250043			Code	Led
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1
Line	Eulumdat			Date	10-02-2025			Position	

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	27.51	27.96	27.94	28.29	28.56	28.86	28.31	28.48	28.40	28.80	29.49	30.05	31.05
G 74.0	28.08	28.83	28.87	29.14	29.27	28.88	28.56	28.93	28.27	28.95	30.05	30.02	30.04
G 75.0	28.71	29.65	29.16	28.87	29.10	29.27	28.89	29.85	29.14	29.07	29.28	29.66	29.58
G 76.0	28.45	30.21	30.08	29.16	29.50	30.10	29.22	30.31	28.77	28.84	29.00	29.54	29.72
G 77.0	28.49	29.57	30.89	30.27	31.11	31.47	31.02	30.66	29.93	30.44	29.89	30.47	31.51
G 78.0	31.57	32.24	33.38	32.65	33.11	35.05	33.48	31.80	32.74	32.69	31.71	31.82	34.78
G 79.0	35.56	35.55	37.86	37.08	36.73	38.65	36.71	34.53	36.96	37.53	35.03	33.52	35.58
G 80.0	40.64	40.23	41.69	41.23	40.56	41.46	39.36	36.06	40.37	41.31	37.00	34.68	37.76
G 81.0	41.83	42.18	42.29	42.22	40.76	42.33	39.96	35.94	37.87	40.94	37.06	33.49	37.24
G 82.0	37.63	37.22	37.32	37.78	35.98	37.87	34.99	30.58	33.98	34.80	32.54	29.75	31.52
G 83.0	28.37	27.59	28.33	27.31	28.05	28.18	26.27	22.68	24.41	27.00	25.96	23.73	24.48
G 84.0	19.69	19.76	20.33	19.55	18.23	19.53	18.22	15.98	17.15	19.48	18.68	17.56	17.42
G 85.0	14.62	13.65	14.22	14.22	13.27	13.70	12.38	11.38	11.76	12.73	12.42	12.20	12.62
G 86.0	10.53	9.73	9.65	10.14	9.72	10.01	8.90	8.37	8.05	8.36	9.07	9.05	9.54
G 87.0	7.25	7.19	7.08	7.36	6.84	7.38	6.50	5.67	5.77	5.57	6.00	6.24	7.12
G 88.0	5.12	4.89	5.02	4.97	4.55	4.92	4.48	4.01	3.75	3.64	4.14	4.54	5.02
G 89.0	3.13	3.11	3.13	3.11	3.15	3.13	2.91	2.55	2.51	2.37	2.68	3.05	3.29
G 90.0	1.98	2.16	2.17	2.10	2.16	2.06	2.01	1.59	1.62	1.46	1.78	1.83	1.92
G 91.0	1.11	1.16	1.15	1.10	1.17	1.16	1.07	0.92	0.86	0.82	0.92	1.04	1.03
G 92.0	0.46	0.50	0.46	0.48	0.54	0.58	0.57	0.54	0.41	0.32	0.43	0.46	0.36
G 93.0	0.24	0.27	0.29	0.27	0.33	0.27	0.24	0.21	0.18	0.16	0.13	0.13	0.12
G 94.0	0.24	0.30	0.27	0.27	0.32	0.27	0.25	0.17	0.17	0.15	0.11	0.13	0.12
G 95.0	0.27	0.30	0.29	0.26	0.32	0.26	0.22	0.18	0.16	0.13	0.13	0.12	0.11
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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	29.37	29.32	28.87	29.30	30.33	30.18	31.77	30.75	31.04	31.50	30.82	31.78	32.39
G 74.0	28.82	28.83	28.30	28.84	30.10	30.25	31.73	30.77	31.21	32.21	31.56	33.19	32.86
G 75.0	28.47	29.58	28.25	28.96	29.48	29.72	31.93	31.23	31.00	31.91	31.66	32.38	31.77
G 76.0	29.16	30.17	29.55	30.10	29.86	30.27	31.92	31.75	31.78	32.07	31.38	31.67	31.04
G 77.0	30.65	31.65	31.30	32.26	32.10	31.73	33.48	33.46	33.60	33.62	32.57	32.27	32.28
G 78.0	33.84	33.85	32.47	34.77	34.22	34.07	34.67	36.12	35.96	36.00	34.60	34.60	34.65
G 79.0	36.33	35.46	34.41	36.25	37.40	37.29	36.65	37.96	37.31	38.62	37.77	37.14	36.78
G 80.0	38.92	37.50	35.99	38.80	37.80	38.89	37.87	39.07	39.37	39.97	40.35	40.42	40.03
G 81.0	40.53	39.20	37.15	39.10	38.64	39.38	37.66	39.15	40.28	40.77	40.68	41.60	41.34
G 82.0	35.19	35.77	34.07	34.97	35.40	35.83	35.36	35.45	36.87	37.56	37.32	37.43	37.72
G 83.0	27.65	27.88	27.49	28.78	28.47	28.57	29.69	28.78	28.99	29.85	30.60	29.90	30.11
G 84.0	20.41	20.29	21.06	21.42	21.85	21.24	22.85	21.94	21.99	22.19	22.43	22.40	22.47
G 85.0	14.64	14.81	14.95	15.20	15.37	16.47	16.31	16.97	16.73	16.72	17.14	16.71	16.85
G 86.0	10.83	10.94	11.04	11.48	11.90	12.07	12.12	12.84	12.96	12.21	12.39	12.67	12.38
G 87.0	7.75	8.16	7.83	8.29	8.49	8.83	9.09	9.46	9.57	8.95	9.06	9.17	9.11
G 88.0	5.29	5.49	5.70	6.04	6.17	6.59	6.73	6.80	6.73	6.64	6.56	6.78	6.51
G 89.0	3.62	3.78	3.88	4.35	4.37	4.60	4.67	4.68	4.67	4.51	4.66	4.65	4.60
G 90.0	2.22	2.30	2.46	2.84	2.79	2.77	2.93	3.07	2.99	2.80	2.95	3.09	2.72
G 91.0	1.26	1.27	1.33	1.50	1.36	1.32	1.31	1.46	1.29	1.22	1.46	1.42	1.44
G 92.0	0.49	0.45	0.40	0.47	0.38	0.29	0.37	0.38	0.28	0.24	0.33	0.27	0.31
G 93.0	0.14	0.12	0.12	0.13	0.12	0.14	0.13	0.13	0.14	0.15	0.15	0.14	0.16
G 94.0	0.11	0.12	0.12	0.11	0.10	0.14	0.13	0.12	0.11	0.13	0.14	0.15	0.13
G 95.0	0.11	0.11	0.10	0.11	0.10	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.13
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-20250043			Code	TRL-20250043			Code	Led
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1
Line	Eulumdat			Date	10-02-2025			Position	

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	31.19	32.17	32.42	31.45	31.27	32.12	31.11	31.23	31.64	30.92	31.38	31.70	29.69
G 74.0	31.40	33.32	32.86	32.89	32.44	33.81	32.09	32.53	33.22	32.35	32.57	33.14	30.98
G 75.0	30.18	31.75	31.57	32.03	31.88	33.64	31.63	32.02	33.27	32.96	32.19	32.10	30.68
G 76.0	29.63	30.48	30.64	30.48	30.64	32.60	30.42	30.94	31.79	32.08	30.96	31.00	30.25
G 77.0	31.18	31.46	31.63	30.78	31.39	33.39	31.55	31.02	31.57	31.66	31.85	31.35	31.39
G 78.0	33.49	33.56	33.12	33.23	33.52	34.76	33.71	33.21	33.34	34.39	34.14	33.05	32.89
G 79.0	36.65	36.24	36.63	36.44	37.03	36.91	36.36	36.01	35.42	37.11	36.01	35.73	34.72
G 80.0	38.85	39.45	39.46	39.91	40.55	39.87	39.14	39.54	38.20	37.86	38.04	38.13	36.83
G 81.0	41.03	40.30	41.76	40.89	41.91	41.74	39.94	40.41	39.80	38.59	37.75	39.13	38.39
G 82.0	38.54	36.99	39.29	38.40	39.06	39.87	38.69	38.98	39.40	37.72	34.59	36.32	36.17
G 83.0	29.87	29.02	30.35	31.49	31.81	32.59	31.68	32.53	31.66	32.09	28.70	28.41	29.48
G 84.0	22.93	21.34	22.72	23.45	24.11	24.16	23.78	24.44	23.94	24.72	22.05	21.86	22.24
G 85.0	17.22	16.72	16.78	17.23	18.08	18.29	18.51	19.03	18.65	18.77	16.61	16.39	16.18
G 86.0	12.93	12.36	12.63	12.95	13.02	14.00	13.97	14.19	13.98	14.06	12.06	12.09	11.58
G 87.0	9.02	9.13	9.20	9.22	9.52	10.14	9.73	10.01	9.65	9.47	8.68	8.69	8.39
G 88.0	6.83	6.72	6.63	6.63	6.85	7.36	7.07	7.30	7.21	7.25	6.09	6.33	6.04
G 89.0	4.68	4.68	4.71	4.62	4.66	4.84	4.84	5.12	4.98	5.06	4.22	4.31	3.87
G 90.0	2.93	2.91	2.93	2.86	2.95	2.99	2.89	3.16	3.12	3.11	2.37	2.31	2.17
G 91.0	1.52	1.41	1.38	1.23	1.45	1.37	1.45	1.52	1.58	1.54	1.22	1.31	1.33
G 92.0	0.34	0.30	0.31	0.38	0.42	0.45	0.52	0.54	0.66	0.65	0.31	0.39	0.43
G 93.0	0.17	0.18	0.22	0.23	0.23	0.25	0.27	0.29	0.35	0.31	0.22	0.24	0.25
G 94.0	0.17	0.15	0.19	0.20	0.22	0.21	0.24	0.27	0.31	0.27	0.22	0.22	0.25
G 95.0	0.15	0.15	0.18	0.19	0.21	0.22	0.23	0.26	0.30	0.27	0.22	0.23	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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	28.30	28.75	29.23	31.49	30.84	31.13	32.14	31.51	31.91	32.86	32.89	32.79	32.87
G 74.0	29.58	30.46	30.69	32.77	31.83	31.91	32.89	31.93	32.45	33.19	32.74	33.48	33.34
G 75.0	30.16	30.71	30.73	32.65	31.72	31.79	32.25	31.65	33.10	33.27	32.73	33.07	33.12
G 76.0	29.16	29.91	30.60	31.21	30.49	29.87	30.55	30.43	31.50	31.91	31.81	32.07	31.41
G 77.0	29.28	29.99	30.25	30.90	29.74	28.46	29.67	29.57	29.92	31.47	31.31	31.45	31.18
G 78.0	31.10	31.41	31.48	32.41	30.45	28.86	29.59	29.80	29.65	31.62	31.84	32.45	31.78
G 79.0	32.90	33.48	33.17	33.77	31.32	30.42	30.77	30.75	30.39	33.27	34.17	34.59	34.38
G 80.0	34.80	35.20	36.04	35.69	32.34	32.32	33.24	32.57	31.37	36.10	37.31	38.48	37.94
G 81.0	36.09	37.09	38.18	36.88	32.50	33.49	34.63	33.76	32.41	37.03	38.77	39.55	39.01
G 82.0	35.55	36.12	36.28	34.60	30.67	31.49	32.76	32.24	31.13	34.90	37.80	37.75	37.47
G 83.0	29.20	29.69	29.39	27.69	24.72	27.06	27.02	28.09	25.91	29.66	32.79	32.17	32.26
G 84.0	21.22	21.73	22.26	20.47	17.74	18.84	19.95	20.01	18.23	21.32	24.02	23.43	23.38
G 85.0	15.52	16.19	16.02	14.84	13.18	14.19	14.68	13.82	12.55	14.44	16.06	15.84	15.36
G 86.0	11.10	11.33	11.25	10.50	9.71	9.73	9.96	9.99	8.61	10.56	11.26	11.33	11.59
G 87.0	8.16	8.07	7.98	7.72	6.99	6.54	6.76	6.55	6.17	7.64	7.66	8.29	7.87
G 88.0	5.74	5.85	5.71	5.56	5.13	4.48	4.21	4.39	4.28	5.06	5.33	5.46	5.40
G 89.0	3.79	3.87	3.71	3.69	3.19	2.93	2.65	2.81	2.84	3.14	3.37	3.42	3.16
G 90.0	2.09	2.16	2.18	2.10	1.82	1.79	1.50	1.61	1.65	1.89	2.09	1.88	1.77
G 91.0	1.23	1.33	1.30	1.13	0.89	0.92	0.93	0.89	0.83	0.99	1.02	1.03	0.94
G 92.0	0.43	0.50	0.50	0.46	0.36	0.36	0.28	0.29	0.32	0.37	0.36	0.37	0.28
G 93.0	0.22	0.27	0.25	0.21	0.18	0.16	0.13	0.11	0.11	0.11	0.11	0.11	0.12
G 94.0	0.22	0.25	0.24	0.20	0.17	0.15	0.11	0.11	0.12	0.09	0.09	0.09	0.11
G 95.0	0.22	0.25	0.24	0.19	0.16	0.13	0.10	0.10	0.10	0.09	0.08	0.08	0.09
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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	32.55	32.60	32.39	31.30	31.94	31.90	31.52	31.10	30.18	28.75	28.44	28.09	28.42
G 74.0	33.78	33.55	33.03	32.16	32.34	32.52	31.91	31.41	30.98	29.68	28.85	28.59	29.15
G 75.0	33.00	33.72	32.79	31.71	32.52	32.61	31.81	31.93	31.03	30.65	28.65	28.62	30.10
G 76.0	31.95	33.01	32.06	31.01	31.60	31.43	30.36	31.23	30.40	30.75	29.03	29.10	29.92
G 77.0	30.92	31.61	31.62	30.47	31.25	31.01	29.99	31.66	30.99	30.97	29.76	30.13	30.89
G 78.0	32.46	33.48	32.34	31.65	32.73	32.92	31.98	33.68	33.12	32.59	33.59	32.71	33.52
G 79.0	35.00	36.57	35.89	35.37	37.01	36.64	36.36	37.92	37.05	36.61	38.07	37.07	37.33
G 80.0	39.09	39.73	40.04	38.90	40.77	39.92	39.60	40.16	39.48	38.68	39.60	38.73	39.23
G 81.0	39.67	39.19	40.47	39.37	41.65	40.79	41.39	40.10	39.13	38.10	39.27	38.04	39.25
G 82.0	37.80	37.34	37.44	36.51	39.12	37.73	37.29	36.33	33.80	33.50	35.29	34.25	34.00
G 83.0	32.60	32.00	31.46	29.42	32.07	30.04	29.60	28.47	27.53	25.86	27.90	26.26	26.01
G 84.0	23.33	22.02	22.12	20.84	22.27	20.08	20.55	19.53	19.45	18.68	19.50	18.64	18.88
G 85.0	15.43	15.18	15.45	14.64	14.33	14.01	14.25	13.43	13.96	13.17	13.73	12.45	12.90
G 86.0	11.25	11.31	11.11	10.22	10.70	10.35	10.17	9.83	10.25	9.38	9.46	9.21	9.09
G 87.0	7.88	8.00	8.16	7.35	7.80	7.47	7.62	7.05	7.52	6.96	6.85	6.52	6.63
G 88.0	5.51	5.37	5.30	4.86	4.97	4.79	4.90	4.46	4.91	4.27	4.39	4.33	4.17
G 89.0	3.36	3.23	3.18	2.87	3.01	2.79	2.89	2.69	2.70	2.62	2.70	2.60	2.66
G 90.0	1.83	1.79	1.55	1.51	1.59	1.51	1.53	1.49	1.55	1.39	1.56	1.44	1.50
G 91.0	0.99	0.98	0.92	0.83	0.79	0.65	0.71	0.67	0.64	0.57	0.63	0.61	0.63
G 92.0	0.25	0.19	0.20	0.17	0.17	0.13	0.16	0.16	0.16	0.18	0.18	0.19	0.23
G 93.0	0.10	0.11	0.12	0.12	0.12	0.13	0.11	0.13	0.15	0.15	0.15	0.18	0.21
G 94.0	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.11	0.13	0.12	0.14	0.17	0.20
G 95.0	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.12	0.13	0.14	0.17
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-20250043	Code	TRL-20250043	Code	Led
Name	SPOT medio LED lente Fresnel	Name	SPOT medio LED lente Fresnel	Number	1
Line	Eulumdat	Date	10-02-2025	Position	

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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	28.49	29.10	29.60	29.18	28.83	28.89	28.88
G 74.0	29.72	30.20	30.19	30.17	30.39	29.95	29.93
G 75.0	29.77	31.10	29.61	29.98	30.22	30.20	30.77
G 76.0	29.50	30.95	29.38	29.69	28.78	29.76	29.92
G 77.0	30.32	31.90	30.77	30.92	31.09	31.52	31.72
G 78.0	32.53	34.61	33.26	34.85	33.83	34.60	34.73
G 79.0	36.85	38.05	37.50	39.46	37.05	39.08	39.79
G 80.0	38.42	40.38	40.87	42.93	40.35	43.28	43.35
G 81.0	38.02	40.00	40.60	42.59	42.01	42.78	43.23
G 82.0	33.49	33.79	34.35	35.64	34.80	34.37	34.28
G 83.0	27.25	26.36	26.01	26.33	25.59	25.02	24.08
G 84.0	19.34	18.67	18.61	19.19	18.24	17.93	16.75
G 85.0	13.10	13.19	13.20	13.16	13.13	12.83	12.31
G 86.0	9.46	9.24	9.45	9.38	9.02	9.40	8.61
G 87.0	6.87	6.57	6.67	6.71	6.21	6.44	6.30
G 88.0	4.28	4.39	4.40	4.48	4.18	4.27	4.19
G 89.0	2.51	2.52	2.64	2.74	2.69	2.83	2.57
G 90.0	1.46	1.52	1.58	1.66	1.71	1.77	1.49
G 91.0	0.70	0.62	0.71	0.72	0.82	0.95	0.76
G 92.0	0.27	0.28	0.25	0.28	0.35	0.45	0.32
G 93.0	0.23	0.24	0.22	0.27	0.34	0.39	0.34
G 94.0	0.20	0.23	0.22	0.24	0.33	0.38	0.32
G 95.0	0.20	0.22	0.21	0.24	0.32	0.37	0.33
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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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-20250043			Code	TRL-20250043			Code	Led		
Name	SPOT medio LED lente Fresnel			Name	SPOT medio LED lente Fresnel			Number	1		
Line	Eulumdat			Date	10-02-2025			Position			

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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-20250043	Code	TRL-20250043	Code	Led
Name	SPOT medio LED lente Fresnel	Name	SPOT medio LED lente Fresnel	Number	1
Line	Eulumdat	Date	10-02-2025	Position	

Luminaire Flux	1720.98 lm	Luminaire Power	22.73 W	Efficacy	75.71 lm/W	Efficiency	100.01%
Lamps Flux	1720.74 lm	Maximum value	1331.37 cd	Position	C=300.00 G=28.00	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