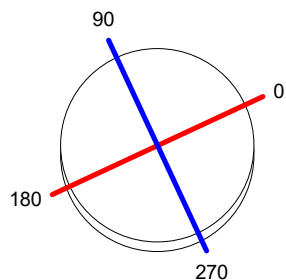


Luminaire		Measurem.		Lamp	
Code	TRL-20250045	Code	TRL-20250045	Code	Led
Name	SPOT grande LED lente Fresnel	Name	SPOT grande LED lente Fresnel	Number	1
Line	Eulumdat	Date	11-02-2025	Position	
Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00
		CG	Asymmetrical		
Round Luminaire		Diam.	194 mm	Height	70 mm
Round Luminous Area		Diam.	190 mm	Height	0 mm
Horizontal Luminous Area		0.028353 m2		Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°	0.006859 m2
Coordinate system		CG		Symmetry Type	Asymmetrical
Date		11-02-2025		Maximum Gamma Angle	180
Measurement Distance		0.00		Measurement Flux	2009.30 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		Flux [lm]	
		Led		2009.30	
		Name	Led - 21.17 W	Pow. [W]	21.17
				Q.ty	1
C.I.E.	87 94 98 100 100		D DIN 5040	A60	
F UTE	1.00 A		B NBN	BZ 1 / 4 / BZ 2	

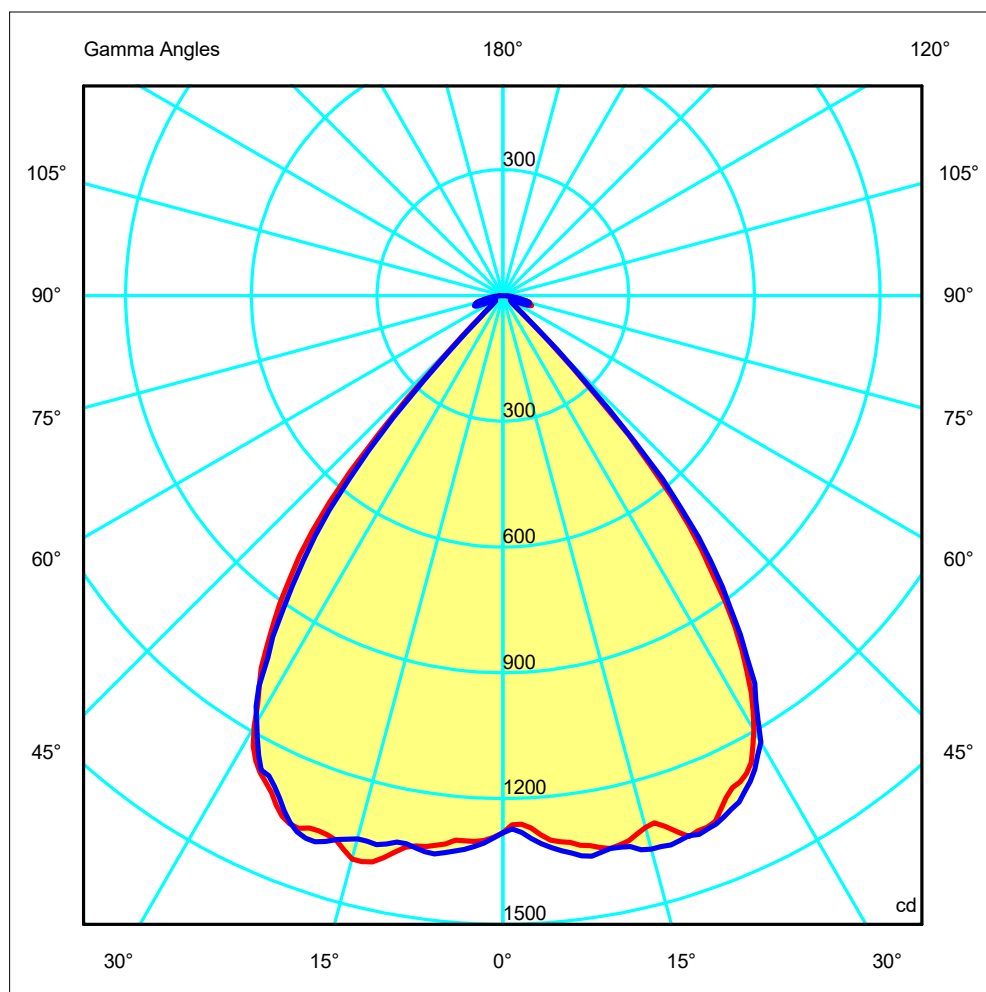
Diam=194mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.01 %
DLOR 100.00 %
RN 0.01 %



Luminaire				Measur.				Lamp					
Code	TRL-20250045			Code	TRL-20250045			Code	Led				
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1				
Line	Eulumdat			Date	11-02-2025			Position					
Luminaire Flux	2009.53 lm			Luminaire Power	21.17 W			Efficacy	94.94 lm/W			Efficiency	100.01%
Lamps Flux	2009.30 lm			Maximum value	1401.49 cd			Position	C=300.00 G=13.00			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	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78
G 1.0	1262.69	1265.70	1261.85	1264.37	1262.41	1264.91	1262.12	1267.19	1263.88	1266.01	1263.06	1269.90	1265.96
G 2.0	1261.93	1264.58	1260.62	1262.31	1260.88	1264.58	1263.45	1269.82	1266.95	1271.51	1269.40	1274.89	1273.82
G 3.0	1271.43	1274.28	1270.92	1274.19	1270.06	1275.66	1275.00	1280.99	1278.18	1283.42	1281.46	1286.76	1284.86
G 4.0	1289.03	1293.14	1290.23	1290.09	1290.36	1294.22	1291.36	1296.83	1292.88	1294.97	1291.13	1298.49	1298.04
G 5.0	1303.96	1305.47	1304.93	1308.28	1307.05	1312.74	1309.62	1312.29	1310.94	1312.12	1308.65	1313.45	1309.69
G 6.0	1310.37	1312.17	1311.64	1314.90	1316.02	1323.84	1324.51	1328.84	1327.49	1329.83	1323.59	1327.53	1322.34
G 7.0	1314.59	1319.25	1319.43	1321.08	1322.53	1330.19	1333.40	1336.66	1337.83	1341.51	1335.57	1336.36	1332.02
G 8.0	1324.28	1323.99	1320.84	1317.83	1320.96	1328.66	1333.29	1333.27	1333.64	1338.38	1334.31	1342.26	1338.71
G 9.0	1328.06	1324.89	1317.78	1313.15	1316.41	1330.24	1331.73	1332.09	1330.71	1331.63	1334.04	1341.66	1337.95
G 10.0	1337.34	1336.08	1328.99	1326.12	1322.75	1331.54	1332.70	1331.17	1323.60	1322.32	1326.10	1337.22	1338.19
G 11.0	1343.29	1343.08	1335.78	1331.49	1331.72	1337.37	1329.99	1328.17	1320.58	1322.05	1321.01	1331.33	1335.30
G 12.0	1339.76	1338.59	1335.59	1334.32	1333.94	1337.09	1329.28	1332.76	1324.83	1332.98	1328.72	1334.15	1340.17
G 13.0	1334.45	1334.70	1333.65	1331.19	1328.59	1336.69	1328.45	1336.04	1332.66	1339.69	1339.55	1347.12	1353.31
G 14.0	1323.22	1328.42	1330.52	1337.22	1333.11	1337.52	1335.35	1342.21	1342.15	1344.15	1346.54	1357.20	1360.80
G 15.0	1313.44	1320.60	1334.03	1340.12	1342.03	1343.28	1340.06	1350.33	1350.41	1348.09	1345.32	1357.88	1364.58
G 16.0	1308.40	1319.51	1333.91	1346.71	1344.46	1347.28	1337.18	1346.94	1352.23	1350.07	1345.33	1357.06	1367.43
G 17.0	1323.86	1333.05	1340.22	1348.15	1340.90	1341.39	1331.11	1344.27	1348.80	1340.89	1337.01	1351.49	1361.16
G 18.0	1345.01	1355.04	1353.25	1345.62	1342.73	1338.34	1330.78	1339.20	1340.07	1333.50	1331.75	1340.07	1358.12
G 19.0	1364.91	1368.40	1365.54	1351.38	1349.49	1345.43	1336.15	1342.00	1343.11	1339.77	1339.91	1341.28	1356.11
G 20.0	1358.60	1361.48	1373.53	1362.60	1351.01	1349.06	1351.65	1346.46	1352.08	1352.79	1342.95	1350.33	1353.65
G 21.0	1358.52	1352.01	1364.77	1361.22	1349.93	1348.82	1350.17	1342.23	1351.15	1352.37	1340.38	1343.50	1346.01
G 22.0	1352.13	1338.12	1342.34	1346.74	1351.25	1341.86	1344.41	1325.87	1337.28	1341.82	1335.48	1333.63	1338.18
G 23.0	1330.99	1315.80	1314.00	1323.93	1340.12	1331.78	1335.25	1316.10	1315.32	1326.17	1323.51	1329.58	1323.28
G 24.0	1310.42	1307.06	1294.62	1302.88	1320.61	1317.95	1316.18	1307.92	1300.29	1311.83	1308.55	1319.80	1310.53
G 25.0	1294.82	1306.98	1293.01	1281.22	1302.60	1302.08	1311.03	1306.46	1306.74	1302.23	1297.30	1310.38	1308.72
G 26.0	1290.48	1303.72	1292.52	1280.26	1283.18	1288.31	1303.79	1300.70	1309.23	1288.78	1288.88	1300.47	1311.27
G 27.0	1279.68	1298.68	1293.01	1280.77	1277.69	1270.37	1278.84	1279.71	1291.68	1278.54	1283.00	1292.61	1305.61
G 28.0	1260.85	1282.02	1281.89	1267.22	1269.28	1240.80	1247.98	1256.21	1277.59	1264.82	1271.87	1293.81	1290.41
G 29.0	1228.91	1245.38	1252.78	1234.62	1234.24	1223.54	1224.20	1238.69	1255.06	1239.16	1244.06	1273.56	1261.72
G 30.0	1197.34	1201.24	1210.31	1189.50	1207.00	1204.36	1216.79	1220.19	1215.09	1213.55	1221.35	1234.45	1214.09
G 31.0	1159.49	1164.28	1170.57	1171.03	1177.65	1179.80	1192.81	1190.95	1181.50	1197.90	1188.26	1189.24	1165.64
G 32.0	1117.94	1122.52	1129.40	1127.33	1132.20	1124.06	1149.41	1139.58	1132.30	1139.87	1137.73	1126.60	1130.44
G 33.0	1067.61	1083.53	1075.00	1081.55	1090.07	1086.18	1084.49	1086.79	1084.48	1073.94	1077.41	1083.43	1086.22
G 34.0	1019.84	1032.82	1023.45	1018.18	1025.51	1033.60	1021.22	1033.47	1032.23	1025.80	1021.56	1027.93	1039.65
G 35.0	964.14	968.45	955.28	959.63	979.42	981.74	966.10	966.99	971.65	970.71	955.70	968.41	982.27
G 36.0	902.70	897.43	897.36	903.92	911.12	905.13	909.99	901.07	915.51	910.79	910.68	909.41	916.19
G 37.0	829.01	841.23	839.44	847.02	834.70	840.42	841.60	839.71	847.11	847.08	859.29	850.17	861.48
G 38.0	769.74	769.24	770.69	762.18	765.13	778.57	779.27	778.75	777.94	775.70	779.14	783.23	786.96
G 39.0	703.27	700.13	699.48	710.11	697.41	707.41	701.66	707.26	697.72	700.85	708.88	711.34	716.45
G 40.0	625.48	624.17	622.32	620.31	619.19	624.33	631.07	619.03	627.78	618.49	636.46	630.05	641.94
G 41.0	535.43	531.54	534.02	547.08	536.95	533.45	530.56	539.47	530.31	526.34	550.92	549.50	554.96
G 42.0	447.51	435.73	434.50	436.80	429.10	437.30	437.23	430.18	439.42	430.89	448.12	446.06	451.32
G 43.0	327.89	325.54	322.91	323.27	332.99	327.04	325.47	322.38	330.65	335.49	335.45	342.30	352.27
G 44.0	234.97	229.13	219.44	221.66	221.89	232.21	233.26	222.50	245.32	242.51	241.89	245.12	249.66
G 45.0	153.59	146.25	144.92	145.67	144.95	146.51	154.85	156.09	157.65	161.22	165.98	160.64	168.73
G 46.0	97.35	96.98	93.91	95.81	101.38	101.51	101.04	104.69	104.37	108.91	107.73	111.68	111.72
G 47.0	70.81	67.48	67.78	67.59	67.15	69.22	72.56	72.87	73.11	74.41	76.75	77.23	76.90
G 48.0	51.27	50.21	48.29	48.44	49.98	51.92	53.61	53.46	55.24	54.55	55.70	55.90	57.01
G 49.0	38.88	39.13	38.77	39.24	39.27	40.54	41.22	42.46	43.05	43.93	43.07	44.12	43.67
G 50.0	32.89	32.46	31.87	32.95	33.30	34.26	35.08	35.84	35.86	36.05	36.26	36.02	36.02
G 51.0	28.72	28.61	28.45	28.98	29.55	30.46	30.99	31.67	31.59	31.98	31.50	31.81	31.68
G 52.0	26.09	26.52	26.20	26.88	27.38	28.41	28.47	29.00	28.73	29.01	28.64	29.08	28.70
G 53.0	24.67	24.85	24.75	25.43	25.84	26.74	26.96	27.37	27.04	27.28	26.92	27.20	26.78
G 54.0	23.66	23.94	23.84	24.50	25.02	25.65	25.71	26.11	25.74	25.99	25.72	25.86	25.57
G 55.0	22.96	23.16	23.15	23.85	24.07	24.75	24.76	25.06	24.70	25.02	24.74	24.91	24.59
G 56.0	22.30	22.51	22.52	23.11	23.39	24.02	23.95	24.18	24.05	24.29	23.91	24.10	23.70
G 57.0	21.80	21.98	21.92	22.53	22.74	23.34	23.32	23.55	23.20	23.55	23.25	23.39	23.10
G 58.0	21.14	21.32	21.36	21.98	22.17	22.64	22.57	22.82	22.59	22.80	22.55	22.71	22.46
G 59.0	20.61	20.75	20.80	21.36	21.56	21.95	21.88	22.17	21.94	22.21	21.86	22.03	21.85
G 60.0	20.09	20.30	20.26	20.82	20.96	21.43	21.31	21.53	21.33	21.57	21.26	21.47	21.36
G 61.0	19.64	19.90	19.79	20.35	20.42	20.82	20.72	20.98	20.84	20.99	20.66	20.89	20.89
G 62.0	19.98	19.90	19.81	20.20	20.17	20.65	20.55	20.82	20.7				

Luminaire				Measur.				Lamp							
Code	TRL-20250045			Code	TRL-20250045			Code	Led						
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1						
Line	Eulumdat			Date	11-02-2025			Position							
Luminaire Flux		2009.53 lm		Luminaire Power		21.17 W		Efficacy		94.94 lm/W		Efficiency		100.01%	
Lamps Flux		2009.30 lm		Maximum value		1401.49 cd		Position		C=300.00 G=13.00		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	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78
G 1.0	1266.05	1269.13	1269.74	1272.14	1270.42	1272.90	1272.19	1273.31	1274.48	1270.28	1278.53	1278.94	1277.49	1277.49	1277.49
G 2.0	1274.36	1279.00	1279.09	1280.12	1279.58	1281.60	1278.52	1279.33	1281.18	1277.09	1285.82	1287.95	1288.99	1288.99	1288.99
G 3.0	1287.99	1288.13	1290.55	1294.02	1292.40	1297.36	1297.00	1298.11	1299.79	1295.26	1302.90	1304.04	1309.22	1309.22	1309.22
G 4.0	1299.40	1303.37	1306.95	1310.08	1309.25	1310.79	1310.13	1310.40	1312.02	1314.56	1321.56	1321.65	1327.19	1327.19	1327.19
G 5.0	1314.53	1315.52	1318.03	1317.11	1317.51	1321.42	1317.28	1319.54	1324.29	1330.85	1336.33	1332.87	1339.78	1339.78	1339.78
G 6.0	1322.13	1324.25	1324.79	1327.52	1327.34	1331.86	1329.37	1331.14	1337.47	1339.77	1340.50	1338.65	1345.96	1345.96	1345.96
G 7.0	1329.18	1327.92	1324.29	1328.97	1336.02	1339.97	1338.82	1340.42	1340.85	1342.47	1339.97	1342.18	1349.17	1349.17	1349.17
G 8.0	1336.65	1334.46	1331.93	1339.38	1342.94	1349.61	1348.54	1346.62	1339.42	1336.48	1340.25	1340.41	1342.18	1342.18	1342.18
G 9.0	1338.65	1338.22	1338.34	1345.80	1349.11	1353.85	1350.36	1345.66	1342.04	1337.17	1336.56	1337.33	1335.21	1335.21	1335.21
G 10.0	1339.40	1342.98	1342.35	1341.33	1345.00	1348.27	1348.51	1343.41	1338.26	1334.34	1341.73	1342.08	1335.22	1335.22	1335.22
G 11.0	1341.73	1344.07	1343.45	1335.23	1333.24	1343.82	1347.84	1346.11	1344.26	1337.35	1341.20	1344.04	1337.86	1337.86	1337.86
G 12.0	1344.22	1350.83	1347.72	1336.50	1336.73	1345.47	1348.07	1346.84	1344.91	1340.94	1347.13	1347.84	1343.48	1343.48	1343.48
G 13.0	1356.86	1356.34	1348.78	1343.12	1344.39	1349.13	1351.72	1353.13	1353.46	1352.54	1357.51	1356.85	1363.93	1363.93	1363.93
G 14.0	1365.02	1360.21	1354.50	1353.79	1356.18	1362.30	1355.38	1348.94	1352.88	1355.19	1359.99	1371.89	1381.30	1381.30	1381.30
G 15.0	1366.57	1361.43	1355.99	1360.02	1361.61	1366.87	1360.32	1353.64	1350.79	1353.11	1370.02	1380.12	1393.66	1393.66	1393.66
G 16.0	1369.64	1361.19	1353.93	1358.29	1358.40	1367.34	1360.94	1357.55	1347.53	1348.79	1368.08	1382.74	1386.57	1386.57	1386.57
G 17.0	1369.11	1354.42	1349.78	1350.30	1355.11	1370.31	1361.49	1355.79	1346.56	1344.46	1357.91	1370.20	1373.24	1373.24	1373.24
G 18.0	1366.89	1352.46	1341.05	1340.00	1349.65	1366.85	1362.65	1357.12	1348.78	1356.18	1356.96	1357.86	1366.06	1366.06	1366.06
G 19.0	1360.51	1357.27	1348.98	1341.86	1355.69	1362.84	1365.02	1362.60	1360.23	1366.82	1363.82	1358.61	1372.20	1372.20	1372.20
G 20.0	1356.42	1366.89	1360.42	1357.00	1355.67	1367.52	1367.08	1366.38	1370.30	1377.07	1376.36	1367.69	1375.26	1375.26	1375.26
G 21.0	1351.18	1360.97	1360.93	1356.62	1352.50	1362.96	1363.76	1362.04	1362.96	1366.37	1367.83	1365.70	1369.30	1369.30	1369.30
G 22.0	1334.93	1340.34	1340.18	1350.48	1341.71	1358.86	1363.00	1361.74	1346.81	1356.69	1355.27	1356.83	1353.63	1353.63	1353.63
G 23.0	1320.91	1323.72	1327.09	1345.39	1340.53	1350.73	1355.45	1357.92	1353.01	1361.60	1344.39	1337.55	1340.43	1340.43	1340.43
G 24.0	1315.10	1322.80	1330.40	1347.38	1346.11	1340.53	1333.41	1346.97	1357.61	1360.97	1340.45	1329.22	1346.09	1346.09	1346.09
G 25.0	1316.67	1323.83	1332.64	1336.96	1340.55	1332.95	1326.38	1333.88	1339.74	1340.81	1339.56	1339.80	1354.81	1354.81	1354.81
G 26.0	1311.30	1313.63	1321.84	1318.94	1322.52	1315.63	1312.45	1313.02	1309.12	1322.69	1326.57	1337.66	1341.47	1341.47	1341.47
G 27.0	1295.48	1303.94	1303.56	1297.10	1297.54	1300.07	1307.11	1298.44	1290.76	1293.55	1311.10	1310.59	1303.60	1303.60	1303.60
G 28.0	1263.62	1286.49	1282.82	1280.27	1272.84	1280.03	1281.10	1291.14	1285.69	1277.84	1281.53	1281.64	1271.27	1271.27	1271.27
G 29.0	1243.20	1254.33	1250.33	1257.84	1254.79	1253.91	1246.23	1267.96	1277.36	1264.27	1258.52	1262.00	1252.40	1252.40	1252.40
G 30.0	1202.03	1221.45	1212.74	1229.00	1224.94	1230.04	1218.98	1228.21	1234.31	1240.59	1228.76	1238.01	1235.20	1235.20	1235.20
G 31.0	1164.03	1191.94	1172.07	1189.73	1170.92	1181.70	1178.81	1192.13	1190.17	1205.08	1191.79	1180.22	1184.77	1184.77	1184.77
G 32.0	1127.18	1147.06	1130.61	1132.72	1131.89	1137.19	1142.55	1149.96	1150.52	1148.63	1134.75	1140.83	1139.92	1139.92	1139.92
G 33.0	1082.31	1078.80	1084.28	1087.66	1087.80	1103.16	1097.68	1101.26	1105.19	1097.43	1097.51	1104.10	1096.33	1096.33	1096.33
G 34.0	1031.66	1029.69	1032.49	1041.39	1036.43	1040.03	1042.41	1052.11	1040.41	1044.68	1055.80	1060.34	1059.10	1059.10	1059.10
G 35.0	970.82	987.13	969.22	989.75	984.91	987.30	989.09	998.80	982.46	994.28	1007.21	1011.38	1013.13	1013.13	1013.13
G 36.0	911.20	924.79	918.17	923.35	922.92	924.98	928.61	928.27	933.83	941.97	948.93	950.23	953.55	953.55	953.55
G 37.0	859.40	858.05	851.36	861.67	860.75	870.42	867.96	868.57	878.34	883.49	888.62	881.08	899.63	899.63	899.63
G 38.0	796.25	791.32	789.43	803.13	804.07	805.24	805.36	805.40	815.34	813.60	827.15	819.69	832.32	832.32	832.32
G 39.0	720.95	722.28	721.72	732.65	724.99	741.03	733.79	747.83	752.83	751.06	757.20	753.20	760.58	760.58	760.58
G 40.0	638.23	654.76	646.17	661.88	656.36	657.78	656.21	668.19	672.24	670.18	680.04	673.88	691.25	691.25	691.25
G 41.0	560.24	561.68	556.59	572.49	568.44	580.07	577.25	586.16	597.66	595.21	585.86	599.38	598.83	598.83	598.83
G 42.0	455.77	468.29	462.19	473.21	476.13	470.00	467.27	476.35	482.59	493.91	492.05	482.47	492.54	492.54	492.54
G 43.0	346.70	346.92	353.34	367.97	362.63	370.49	369.95	367.12	371.70	374.83	377.58	366.34	375.32	375.32	375.32
G 44.0	247.06	255.47	249.59	257.65	261.79	258.92	260.64	266.70	259.34	259.51	256.93	266.02	260.56	260.56	260.56
G 45.0	163.99	172.56	175.20	179.02	180.84	180.79	175.04	179.56	178.68	178.43	194.70	171.76	184.78	184.78	184.78
G 46.0	113.01	115.91	119.62	116.05	117.90	114.13	117.71	111.59	115.98	112.23	110.28	113.38	114.33	114.33	114.33
G 47.0	79.51	77.35	78.58	81.12	80.85	79.27	79.87	76.69	78.52	77.66	77.05	79.18	78.72	78.72	78.72
G 48.0	55.91	55.78	57.34	57.40	57.33	56.08	56.35	55.70	54.38	54.26	54.82	54.00	54.20	54.20	54.20
G 49.0	43.74	43.48	44.25	44.28	43.37	43.02	43.11	42.71	42.49	41.57	42.02	42.26	41.31	41.31	41.31
G 50.0	36.55	36.58	36.59	36.08	36.08	35.70	35.43	35.15	35.05	34.41	34.99	33.96	33.99	33.99	33.99
G 51.0	31.93	31.38	31.61	31.54	31.40	31.54	31.29	31.01	30.95	30.37	30.78	29.91	30.08	30.08	30.08
G 52.0	28.90	28.71	28.84	28.64	28.72	28.47	28.46	28.10	28.25	27.78	28.07</				

Luminaire				Measurem.				Lamp			
Code	TRL-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78
G 1.0	1280.22	1276.61	1283.62	1283.89	1281.90	1287.75	1289.52	1291.76	1291.84	1295.03	1292.75	1295.18	1292.79
G 2.0	1288.19	1285.05	1293.41	1296.16	1288.63	1300.82	1303.03	1303.28	1303.06	1306.16	1300.46	1303.18	1298.13
G 3.0	1306.28	1309.74	1316.80	1319.29	1314.80	1321.02	1321.23	1317.85	1315.31	1312.97	1303.78	1305.36	1299.53
G 4.0	1327.88	1331.81	1343.23	1343.05	1334.14	1338.24	1335.17	1329.57	1323.98	1315.43	1304.00	1302.84	1295.72
G 5.0	1339.93	1339.33	1345.90	1346.03	1343.41	1343.26	1335.69	1326.79	1321.51	1318.07	1303.83	1307.07	1300.94
G 6.0	1345.72	1348.31	1345.93	1346.28	1336.10	1343.05	1333.80	1327.15	1326.68	1319.41	1315.10	1316.56	1315.78
G 7.0	1345.00	1340.99	1337.77	1337.86	1323.40	1337.80	1332.83	1331.23	1336.05	1333.11	1321.25	1322.04	1320.67
G 8.0	1339.49	1334.41	1335.27	1331.96	1322.14	1330.73	1330.61	1336.52	1345.31	1340.61	1326.91	1325.05	1315.77
G 9.0	1335.21	1336.61	1333.13	1329.84	1316.99	1329.28	1332.04	1343.39	1349.02	1342.63	1329.29	1331.58	1317.21
G 10.0	1330.07	1326.81	1332.19	1328.10	1320.39	1329.97	1332.07	1343.35	1350.62	1351.41	1336.52	1337.60	1324.15
G 11.0	1332.98	1330.94	1328.83	1328.40	1330.09	1343.20	1342.77	1354.93	1359.10	1354.46	1352.08	1350.24	1338.66
G 12.0	1341.91	1349.13	1345.87	1345.33	1350.95	1363.79	1366.37	1367.88	1364.47	1361.10	1371.13	1365.35	1354.83
G 13.0	1363.01	1356.09	1354.76	1363.32	1365.23	1371.83	1371.88	1370.96	1375.61	1380.99	1386.40	1380.63	1360.96
G 14.0	1379.51	1369.72	1357.95	1368.16	1362.83	1369.91	1371.58	1373.99	1377.63	1386.46	1391.81	1387.53	1355.57
G 15.0	1387.73	1375.95	1370.61	1369.23	1358.93	1370.16	1378.29	1378.79	1383.76	1393.44	1391.74	1386.89	1354.64
G 16.0	1379.82	1376.32	1378.00	1369.19	1360.38	1373.39	1371.78	1376.90	1378.82	1386.76	1376.19	1378.29	1358.16
G 17.0	1365.68	1363.02	1369.95	1358.16	1353.21	1368.81	1362.21	1362.29	1366.45	1371.69	1358.89	1369.71	1350.96
G 18.0	1362.35	1353.53	1358.67	1360.39	1353.98	1362.23	1359.79	1349.06	1355.92	1359.53	1352.91	1365.11	1347.86
G 19.0	1370.45	1358.45	1364.22	1368.89	1366.43	1370.58	1365.06	1361.11	1362.86	1359.08	1350.30	1364.93	1346.52
G 20.0	1369.25	1366.94	1379.94	1374.39	1376.87	1378.89	1372.54	1377.04	1374.44	1351.41	1351.26	1370.97	1356.02
G 21.0	1364.22	1375.30	1382.12	1382.89	1377.62	1385.20	1374.39	1381.33	1373.85	1339.60	1361.65	1379.05	1366.45
G 22.0	1359.59	1369.23	1375.32	1366.37	1356.23	1367.30	1354.57	1355.91	1347.36	1326.22	1359.18	1374.48	1363.24
G 23.0	1359.52	1360.49	1358.24	1344.15	1328.76	1338.08	1327.49	1320.64	1332.79	1329.87	1349.26	1359.71	1350.60
G 24.0	1350.90	1339.68	1336.78	1331.01	1319.73	1330.07	1321.75	1322.20	1337.64	1330.65	1330.57	1339.36	1343.26
G 25.0	1341.59	1316.89	1323.21	1328.98	1327.37	1336.94	1319.14	1329.60	1343.87	1327.69	1307.57	1318.59	1323.72
G 26.0	1324.05	1300.88	1312.75	1338.81	1324.02	1325.32	1314.80	1326.59	1331.68	1317.97	1291.42	1303.45	1295.30
G 27.0	1302.79	1292.59	1302.33	1313.69	1298.55	1311.10	1308.94	1311.38	1293.60	1297.21	1276.72	1285.37	1275.07
G 28.0	1279.03	1278.90	1288.94	1289.31	1279.49	1281.90	1280.27	1277.63	1279.27	1278.90	1256.66	1261.43	1248.98
G 29.0	1253.50	1251.93	1260.32	1257.79	1240.57	1256.97	1264.56	1246.65	1263.58	1250.13	1228.71	1240.53	1221.50
G 30.0	1223.77	1209.90	1224.54	1228.93	1217.26	1222.76	1238.46	1222.13	1241.38	1230.29	1187.05	1194.10	1194.24
G 31.0	1195.74	1180.93	1193.74	1199.38	1181.35	1182.81	1198.91	1193.14	1203.21	1177.19	1136.95	1154.72	1146.10
G 32.0	1149.12	1155.27	1147.69	1148.70	1138.96	1147.42	1156.50	1153.60	1147.45	1143.54	1097.73	1105.70	1089.03
G 33.0	1103.59	1106.99	1109.28	1113.44	1097.68	1104.08	1108.10	1088.83	1092.44	1080.14	1059.41	1057.38	1040.96
G 34.0	1052.28	1045.38	1057.58	1069.53	1056.51	1049.17	1053.14	1036.35	1041.50	1033.78	1005.02	1009.96	999.11
G 35.0	1005.91	1003.74	1005.29	1009.21	1001.21	997.23	1001.90	987.59	990.40	992.52	955.55	952.65	941.23
G 36.0	946.51	945.99	951.58	961.27	945.34	953.96	948.97	941.42	936.09	940.21	905.24	896.00	892.88
G 37.0	896.03	885.12	901.08	899.25	889.72	905.22	887.78	886.08	878.32	879.75	844.17	847.16	841.30
G 38.0	832.77	832.75	843.45	846.95	823.55	838.00	837.08	826.58	837.84	820.26	789.45	782.37	781.24
G 39.0	771.10	768.20	777.66	769.71	755.85	763.70	764.19	762.85	771.50	760.00	724.30	715.28	718.04
G 40.0	693.61	693.66	697.40	695.47	689.97	694.27	700.46	696.21	693.90	687.29	644.32	641.98	638.53
G 41.0	604.18	590.98	604.45	603.04	601.92	601.59	606.77	610.76	608.86	608.67	553.20	555.41	549.63
G 42.0	497.86	480.59	497.96	494.39	500.21	498.76	507.54	507.95	514.69	504.53	438.41	437.27	443.01
G 43.0	372.20	366.49	378.10	374.36	377.61	390.94	382.41	388.75	386.89	384.37	335.07	337.39	320.04
G 44.0	260.36	257.66	259.15	263.84	267.22	266.88	277.68	274.20	283.66	274.45	221.69	228.02	233.27
G 45.0	176.60	170.57	177.21	178.14	173.37	175.09	176.39	185.43	185.27	186.94	146.44	150.19	156.18
G 46.0	114.70	116.16	119.11	113.84	119.65	118.02	120.37	119.85	120.03	121.04	101.09	96.93	104.02
G 47.0	77.47	76.00	74.49	80.64	79.90	79.28	79.57	80.72	80.00	85.93	69.26	69.72	70.00
G 48.0	53.28	53.96	55.28	55.39	56.71	56.12	55.80	57.92	57.25	58.22	48.43	50.06	50.66
G 49.0	41.44	41.25	41.28	43.35	42.54	43.21	41.72	41.76	42.40	43.01	38.36	38.03	38.12
G 50.0	33.90	34.21	34.54	34.99	34.51	34.53	34.09	34.32	33.62	33.75	31.37	31.72	31.83
G 51.0	29.63	29.79	29.92	30.23	29.94	30.24	29.56	29.64	29.39	29.50	27.51	27.72	28.02
G 52.0	27.27	27.53	27.30	27.64	27.47	27.55	27.22	27.13	26.59	26.51	25.45	25.50	25.86
G 53.0	25.96	26.04	25.89	26.33	26.11	26.29	25.67	25.42	25.04	25.14	24.30	24.33	24.67
G 54.0	24.92	25.05	25.00	25.31	25.06	25.25	24.84	24.64	24.10	24.20	23.55	23.48	23.98
G 55.0	24.19	24.31	24.13	24.46	24.23	24.56	24.10	23.97	23.47	23.53	22.96	22.97	23.25
G 56.0	23.54	23.68	23.55	23.86	23.68	23.95	23.57	23.51	22.97	23.06	22.48	22.51	22.81
G 57.0	22.98	23.08	22.92	23.22	23.02	23.45	23.13	22.99	22.48	22.54	22.08	22.04	22.35
G 58.0	22.34	22.46	22.35	22.61	22.50	22.85	22.56	22.55	22.11	22.13	21.70	21.67	21.93
G 59.0	21.71	21.81	21.77	22.02	21.89	22.31	22.09	22.03	21.69	21.73	21.26	21.28	21.60
G 60.0	20.99	21.13	21.17	21.48	21.35	21.75	21.57	21.62	21.24	21.28	20.89	20.94	21.23
G 61.0	20.49	20.52	20.59	20.93	20.82	21.22	21.14	21.16	20.83	20.91	20.61	20.63	20.84
G 62.0	20.03	20.13	20.13	20.50	20.54	20.91	20.81	20.78	20.66	20.65	20.63	20.50	20.70
G 63.0	20.52	20.66	20.75	20.76	20.88	21.07	21.00	20.87	21.00	20.89	21.22	20.70	21.06
G 64.0	22.47	22.54	22.60	21.90	21.87	21.95	22.00	21.79	21.82	21.65	23.18	22.25	22.69
G 65.0	25.81	25.34	25.94	25.17	25.77	25.19	25.58	24.86	25.14	23.99	26.78	26.45	27.21
G 66.0	32.73	31.16	33.15	31.41	31.66	32.14	31.71	30.91	30.35	29.71	34.84	35.05	34.58
G 67.0	40.14	38.72	40.74	38.65	39.44	39.18	39.21	38.88	39.82	38.21			

Luminaire				Measur.				Lamp							
Code	TRL-20250045			Code	TRL-20250045			Code	Led						
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1						
Line	Eulumdat			Date	11-02-2025			Position							
Luminaire Flux		2009.53 lm		Luminaire Power		21.17 W		Efficacy		94.94 lm/W		Efficiency		100.01%	
Lamps Flux		2009.30 lm		Maximum value		1401.49 cd		Position		C=300.00 G=13.00		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	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78
G 1.0	1295.84	1295.31	1298.11	1294.65	1297.78	1297.29	1297.82	1295.66	1300.45	1296.81	1297.71	1299.11	1297.58	1297.58	1297.58
G 2.0	1301.11	1299.17	1301.21	1298.56	1303.10	1299.38	1303.11	1298.94	1303.74	1302.12	1303.42	1303.74	1302.47	1302.47	1302.47
G 3.0	1300.26	1299.55	1305.34	1302.78	1307.94	1306.63	1310.45	1306.58	1308.21	1308.25	1305.73	1307.89	1309.04	1309.04	1309.04
G 4.0	1294.84	1294.07	1299.26	1299.86	1307.53	1303.92	1312.80	1312.37	1318.82	1320.12	1322.17	1324.21	1326.95	1326.95	1326.95
G 5.0	1302.15	1299.21	1297.70	1298.91	1305.87	1305.77	1315.49	1315.94	1329.12	1334.00	1339.04	1339.69	1338.18	1338.18	1338.18
G 6.0	1318.75	1315.64	1314.25	1309.05	1316.86	1316.18	1322.35	1323.91	1335.19	1339.80	1344.95	1348.68	1348.55	1348.55	1348.55
G 7.0	1325.31	1322.64	1325.51	1319.66	1326.00	1325.80	1327.07	1320.56	1329.62	1329.63	1336.72	1333.76	1338.08	1338.08	1338.08
G 8.0	1317.41	1322.78	1332.91	1334.59	1342.79	1339.67	1341.94	1331.90	1330.08	1327.22	1328.76	1326.53	1328.79	1328.79	1328.79
G 9.0	1317.36	1325.53	1337.58	1343.09	1353.75	1350.09	1353.20	1341.34	1337.58	1330.68	1332.81	1329.26	1327.87	1327.87	1327.87
G 10.0	1322.36	1330.55	1342.08	1349.62	1359.36	1350.88	1348.70	1336.46	1332.58	1326.26	1331.65	1330.76	1328.27	1328.27	1328.27
G 11.0	1333.65	1335.23	1350.05	1357.78	1362.42	1352.28	1345.72	1332.61	1332.69	1326.43	1329.55	1331.40	1334.77	1334.77	1334.77
G 12.0	1349.94	1347.58	1363.59	1368.07	1371.18	1359.45	1357.40	1341.76	1338.66	1335.41	1335.68	1337.84	1343.72	1343.72	1343.72
G 13.0	1356.06	1363.67	1374.89	1370.47	1376.88	1367.99	1364.63	1349.59	1345.35	1339.78	1348.38	1356.07	1357.64	1357.64	1357.64
G 14.0	1349.60	1368.80	1383.56	1372.83	1376.20	1367.09	1364.58	1353.26	1347.26	1338.41	1355.12	1369.32	1369.25	1369.25	1369.25
G 15.0	1355.49	1364.69	1381.36	1375.05	1373.52	1361.07	1362.08	1357.68	1356.96	1354.46	1360.91	1379.15	1382.06	1382.06	1382.06
G 16.0	1358.51	1363.47	1374.31	1372.13	1376.71	1359.63	1359.85	1355.38	1373.89	1364.44	1364.78	1384.15	1390.56	1390.56	1390.56
G 17.0	1350.56	1352.77	1363.56	1359.16	1371.33	1354.21	1353.36	1351.31	1365.43	1363.87	1364.00	1374.58	1376.79	1376.79	1376.79
G 18.0	1346.10	1353.65	1359.29	1354.94	1362.97	1347.11	1352.99	1344.07	1349.12	1357.15	1356.37	1355.38	1350.63	1350.63	1350.63
G 19.0	1349.92	1356.09	1360.66	1359.92	1363.67	1350.21	1348.21	1347.81	1349.30	1352.22	1356.98	1344.79	1341.89	1341.89	1341.89
G 20.0	1351.12	1351.08	1359.83	1359.56	1359.78	1356.68	1355.02	1350.51	1353.55	1354.44	1361.20	1348.12	1348.26	1348.26	1348.26
G 21.0	1358.85	1345.04	1355.05	1351.17	1350.81	1348.34	1355.68	1349.26	1352.12	1349.32	1354.68	1347.05	1352.54	1352.54	1352.54
G 22.0	1353.18	1343.93	1349.06	1338.22	1341.24	1335.84	1346.61	1356.06	1346.31	1329.33	1337.01	1330.02	1343.86	1343.86	1343.86
G 23.0	1348.58	1341.55	1347.83	1330.14	1324.69	1325.18	1337.74	1352.97	1326.69	1311.55	1328.10	1319.75	1319.20	1319.20	1319.20
G 24.0	1344.46	1326.63	1356.36	1329.41	1322.29	1325.59	1343.46	1345.10	1319.84	1308.71	1323.27	1318.21	1310.44	1310.44	1310.44
G 25.0	1318.95	1310.36	1338.06	1322.56	1327.74	1322.34	1336.32	1325.58	1317.27	1299.67	1307.07	1319.50	1305.27	1305.27	1305.27
G 26.0	1309.56	1292.00	1306.23	1301.60	1314.94	1300.74	1316.99	1307.41	1300.70	1282.02	1293.07	1301.07	1289.16	1289.16	1289.16
G 27.0	1286.10	1281.64	1288.09	1275.32	1282.81	1268.91	1282.10	1284.63	1273.11	1261.23	1269.61	1282.02	1258.34	1258.34	1258.34
G 28.0	1258.11	1259.04	1266.35	1250.10	1249.24	1245.32	1251.01	1262.74	1261.81	1245.23	1245.35	1252.15	1242.18	1242.18	1242.18
G 29.0	1220.28	1229.82	1228.17	1204.75	1218.01	1217.46	1213.78	1223.19	1232.45	1224.69	1221.40	1219.72	1221.23	1221.23	1221.23
G 30.0	1174.34	1192.01	1184.52	1146.97	1170.91	1191.48	1175.68	1181.59	1186.74	1179.40	1190.50	1184.74	1195.50	1195.50	1195.50
G 31.0	1122.80	1138.13	1136.91	1103.45	1128.92	1142.24	1133.00	1128.75	1135.92	1122.84	1143.40	1135.85	1144.36	1144.36	1144.36
G 32.0	1082.94	1079.57	1083.96	1075.74	1075.19	1076.74	1072.41	1071.77	1073.94	1076.14	1094.97	1092.87	1090.10	1090.10	1090.10
G 33.0	1036.15	1048.90	1028.00	1036.51	1032.83	1020.43	1012.09	1009.69	1012.82	1024.66	1034.05	1028.70	1028.88	1028.88	1028.88
G 34.0	997.79	1014.85	990.08	987.20	990.75	974.92	965.49	961.96	973.17	973.70	968.85	981.31	976.79	976.79	976.79
G 35.0	944.65	952.91	941.29	927.01	935.32	918.42	918.82	909.31	913.09	909.54	906.99	926.22	917.81	917.81	917.81
G 36.0	885.68	885.37	883.44	871.72	875.08	871.40	864.66	864.79	853.96	853.35	852.67	863.52	851.67	851.67	851.67
G 37.0	832.38	827.56	830.31	820.60	814.83	818.63	813.89	804.60	802.50	789.77	801.12	800.38	794.97	794.97	794.97
G 38.0	773.46	769.80	774.44	771.67	761.43	750.71	746.16	748.86	737.32	738.25	726.67	728.14	734.40	734.40	734.40
G 39.0	713.54	697.20	697.10	695.86	697.22	689.13	673.73	680.70	673.44	667.60	663.32	664.84	667.50	667.50	667.50
G 40.0	639.40	633.62	629.71	623.38	623.76	611.38	614.40	601.23	597.32	584.07	589.34	559.77	583.14	583.14	583.14
G 41.0	539.06	543.66	532.28	536.03	529.99	525.02	520.99	518.59	506.55	492.03	492.33	491.65	490.28	490.28	490.28
G 42.0	442.29	427.14	434.36	425.91	416.12	418.67	416.04	403.74	408.72	391.39	391.67	393.82	387.99	387.99	387.99
G 43.0	332.90	320.30	315.20	312.62	329.91	311.35	306.95	297.28	299.51	285.47	275.63	288.36	284.22	284.22	284.22
G 44.0	226.39	227.44	220.16	215.49	216.43	217.05	213.49	200.37	211.63	191.14	197.09	196.34	191.46	191.46	191.46
G 45.0	148.56	147.85	146.86	144.17	144.31	141.71	138.51	139.11	135.04	134.71	127.34	127.65	125.30	125.30	125.30
G 46.0	102.53	102.00	97.84	99.67	94.50	96.47	98.72	94.34	93.29	90.16	89.93	86.30	86.17	86.17	86.17
G 47.0	70.36	67.96	69.20	69.14	67.81	67.67	67.34	65.90	64.59	63.68	62.01	60.18	58.31	58.31	58.31
G 48.0	50.59	50.61	50.03	50.98	50.65	49.51	48.86	48.97	48.71	47.94	46.33	46.79	44.19	44.19	44.19
G 49.0	38.84	39.30	39.05	39.80	39.77	40.08	38.98	38.63	38.44	37.13	37.65	36.34	35.31	35.31	35.31
G 50.0	32.01	33.12	32.82	33.16	33.08	33.36	32.58	33.10	32.50	32.35	31.58	31.36	31.15	31.15	31.15
G 51.0	28.28	28.63	29.13	29.62	29.18	29.15	28.94	28.96	28.89	29.10	28.54	28.50	27.87	27.87	27.87
G 52.0	26.27	26.62	26.60	26.95	26.89	26.77	26.56	26.60	26.60						

Luminaire				Measurem.				Lamp			
Code	TRL-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
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Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	CG Asymmetrical	
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Luminous Intensity Table cd Table 5/18													
	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78
G 1.0	1296.13	1296.00	1294.17	1290.81	1291.53	1288.23	1291.40	1286.50	1286.46	1285.40	1283.38	1281.64	1280.28
G 2.0	1306.54	1305.98	1306.80	1303.18	1303.73	1301.04	1302.44	1300.30	1300.06	1299.98	1294.19	1290.37	1291.00
G 3.0	1313.47	1313.31	1316.10	1315.20	1313.69	1312.01	1311.97	1312.60	1309.65	1312.04	1305.52	1303.55	1303.48
G 4.0	1326.37	1324.54	1324.50	1320.16	1317.30	1316.74	1314.80	1318.75	1314.90	1318.41	1313.62	1310.03	1310.34
G 5.0	1336.54	1332.66	1330.11	1322.60	1321.59	1323.79	1320.01	1323.47	1318.39	1318.22	1320.45	1314.23	1314.70
G 6.0	1342.19	1340.93	1336.08	1331.22	1330.30	1331.42	1331.26	1337.16	1329.81	1327.97	1326.03	1319.46	1319.60
G 7.0	1336.78	1342.73	1341.84	1341.12	1341.44	1343.70	1341.77	1349.43	1338.03	1334.38	1332.14	1323.98	1326.05
G 8.0	1329.93	1336.36	1339.81	1347.95	1352.65	1356.08	1351.85	1348.76	1340.24	1336.74	1333.67	1330.26	1335.75
G 9.0	1325.38	1325.58	1334.08	1344.85	1354.08	1364.87	1360.04	1352.02	1342.11	1337.15	1336.33	1335.41	1342.81
G 10.0	1326.22	1326.96	1327.87	1334.08	1344.59	1359.69	1361.24	1363.94	1355.70	1347.08	1342.36	1341.83	1346.94
G 11.0	1333.76	1331.61	1328.00	1331.16	1333.64	1350.34	1361.79	1375.36	1374.95	1365.71	1361.86	1350.00	1350.96
G 12.0	1344.26	1338.84	1337.73	1333.63	1336.37	1343.42	1367.79	1391.25	1391.51	1380.19	1376.20	1362.22	1360.39
G 13.0	1353.19	1348.72	1344.00	1334.64	1343.46	1356.30	1374.98	1400.14	1401.49	1388.77	1375.66	1370.11	1373.17
G 14.0	1362.43	1353.13	1341.46	1335.83	1342.45	1356.03	1372.55	1391.70	1384.55	1382.81	1373.55	1365.08	1374.94
G 15.0	1373.14	1357.62	1341.51	1336.35	1341.58	1344.36	1356.09	1368.77	1361.83	1381.90	1379.88	1369.94	1370.67
G 16.0	1383.09	1366.03	1348.68	1341.47	1338.04	1329.33	1337.96	1354.94	1349.43	1376.36	1386.43	1367.75	1361.57
G 17.0	1379.71	1380.77	1357.22	1344.26	1338.73	1326.84	1325.35	1341.52	1347.69	1362.04	1377.18	1364.51	1360.00
G 18.0	1366.87	1380.61	1369.23	1354.79	1346.66	1339.38	1329.86	1340.02	1348.99	1361.74	1370.44	1364.55	1362.74
G 19.0	1357.87	1374.23	1378.07	1367.86	1368.21	1355.66	1337.52	1341.10	1350.95	1363.51	1361.46	1356.50	1369.39
G 20.0	1354.62	1367.55	1377.41	1374.71	1382.46	1362.89	1345.10	1343.21	1351.87	1370.93	1366.46	1364.57	1367.00
G 21.0	1345.14	1356.01	1370.62	1376.19	1384.10	1367.75	1350.29	1351.18	1361.67	1380.25	1366.06	1362.34	1363.09
G 22.0	1327.01	1338.16	1355.51	1363.47	1369.01	1371.73	1351.82	1351.73	1374.92	1381.26	1369.48	1357.76	1368.82
G 23.0	1318.56	1318.59	1336.08	1343.72	1352.31	1360.76	1346.63	1342.00	1360.81	1361.98	1362.33	1355.96	1356.96
G 24.0	1313.69	1313.97	1312.08	1320.34	1337.02	1343.55	1332.63	1338.09	1340.31	1342.51	1350.15	1341.95	1342.31
G 25.0	1306.92	1299.46	1291.29	1305.52	1311.88	1320.62	1327.72	1325.48	1320.72	1315.10	1343.58	1328.64	1325.85
G 26.0	1284.85	1278.47	1274.44	1295.57	1303.62	1303.43	1310.82	1305.60	1296.79	1304.22	1326.00	1308.63	1317.56
G 27.0	1267.92	1264.58	1270.24	1282.55	1284.42	1293.30	1300.45	1287.53	1289.00	1303.31	1304.73	1291.08	1305.95
G 28.0	1250.75	1250.51	1241.76	1256.65	1258.38	1265.38	1260.44	1264.08	1271.33	1270.65	1271.24	1255.77	1269.54
G 29.0	1246.90	1230.38	1208.33	1220.62	1215.28	1222.32	1224.64	1226.90	1229.90	1231.31	1235.43	1227.51	1228.47
G 30.0	1204.78	1186.80	1175.81	1189.11	1184.37	1186.96	1187.78	1188.16	1195.82	1196.07	1195.92	1188.38	1182.00
G 31.0	1134.29	1130.85	1143.51	1144.77	1145.33	1152.45	1144.88	1144.19	1155.99	1150.32	1148.84	1143.19	1149.03
G 32.0	1090.69	1086.71	1099.10	1093.90	1088.24	1090.06	1097.65	1097.62	1108.82	1100.24	1104.23	1083.39	1103.89
G 33.0	1035.52	1034.04	1029.40	1045.48	1036.59	1038.71	1039.92	1038.23	1038.19	1053.39	1046.84	1034.13	1045.26
G 34.0	974.73	979.13	982.42	979.56	974.81	981.53	966.49	982.51	974.27	999.73	987.53	982.66	985.83
G 35.0	921.14	924.16	914.78	916.11	908.49	922.50	914.68	913.68	909.19	933.42	926.54	915.42	922.16
G 36.0	852.06	860.23	855.93	861.36	851.09	854.45	849.40	865.14	853.75	856.88	862.58	847.16	865.51
G 37.0	789.38	793.96	791.17	790.90	790.28	794.56	783.55	799.32	780.44	789.34	803.66	790.79	793.79
G 38.0	735.76	726.89	728.08	733.88	725.67	729.50	718.13	747.10	726.02	725.20	734.29	729.55	735.75
G 39.0	662.59	657.94	657.64	654.03	657.22	651.22	647.40	663.78	660.30	655.88	665.12	662.80	662.53
G 40.0	572.71	584.93	572.34	575.63	572.07	581.09	565.31	585.40	586.33	586.85	589.95	593.07	590.09
G 41.0	487.73	492.06	488.47	490.58	485.52	491.57	491.15	491.76	491.73	498.09	487.89	500.83	505.45
G 42.0	393.20	376.93	391.11	375.87	381.60	386.29	381.54	397.15	390.66	395.60	391.20	395.09	389.24
G 43.0	273.76	282.51	276.77	272.32	275.15	275.53	288.10	285.61	296.05	285.23	284.57	295.91	295.40
G 44.0	185.25	191.91	186.05	191.99	189.54	196.28	194.51	194.86	195.81	205.84	202.88	195.00	193.76
G 45.0	125.14	126.03	123.03	124.78	128.23	125.22	131.41	130.92	134.87	136.81	131.48	133.24	133.65
G 46.0	85.76	82.58	82.04	85.47	86.54	87.09	88.00	86.26	88.62	88.98	91.77	90.90	92.59
G 47.0	60.17	59.10	59.59	60.61	60.58	62.41	62.71	63.10	65.31	65.76	65.21	64.69	64.39
G 48.0	44.85	44.53	44.83	45.78	46.42	47.53	48.34	48.57	48.18	49.66	49.07	49.12	49.52
G 49.0	36.28	35.92	36.05	36.79	37.41	38.16	38.64	38.74	39.76	39.92	39.60	39.59	39.54
G 50.0	31.02	30.71	31.19	31.30	32.43	32.53	32.99	33.77	34.01	33.80	34.30	33.74	34.04
G 51.0	27.69	27.78	27.95	28.19	28.69	29.12	29.79	29.91	30.25	30.18	30.63	30.31	30.57
G 52.0	25.73	25.57	26.11	26.19	26.67	26.87	27.26	27.51	27.93	27.94	27.93	28.06	28.06
G 53.0	24.35	24.36	24.58	24.69	25.18	25.40	25.71	26.07	26.26	26.25	26.48	26.25	26.38
G 54.0	23.41	23.30	23.75	23.79	24.19	24.38	24.82	24.89	25.13	25.11	25.29	25.11	25.20
G 55.0	22.77	22.70	23.02	22.97	23.42	23.63	23.98	24.13	24.32	24.18	24.43	24.21	24.36
G 56.0	22.17	22.17	22.41	22.45	22.71	23.03	23.28	23.33	23.48	23.48	23.64	23.56	23.66
G 57.0	21.77	21.67	21.86	21.87	22.13	22.44	22.61	22.82	22.85	22.78	22.98	22.82	22.97
G 58.0	21.28	21.14	21.30	21.36	21.57	21.87	22.11	22.11	22.30	22.22	22.41	22.31	22.45
G 59.0	20.85	20.73	20.82	20.87	21.12	21.31	21.55	21.62	21.74	21.74	21.99	21.76	21.94
G 60.0	20.50	20.30	20.43	20.46	20.73	20.87	21.05	21.04	21.25	21.27	21.45	21.31	21.62
G 61.0	20.10	19.98	20.13	20.14	20.30	20.44	20.62	20.67	20.90	20.93	21.11	20.98	21.36
G 62.0	19.87	19.81	19.96	20.01	20.26	20.35	20.47	20.53</					

Luminaire		Measurem.		Lamp	
Code	TRL-20250045	Code	TRL-20250045	Code	Led
Name	SPOT grande LED lente Fresnel	Name	SPOT grande LED lente Fresnel	Number	1
Line	Eulumdat	Date	11-02-2025	Position	

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78	1281.78
G 1.0	1275.78	1276.65	1279.05	1275.74	1272.53	1275.11	1277.47
G 2.0	1285.43	1281.79	1287.38	1281.07	1276.75	1279.45	1280.78
G 3.0	1298.55	1291.48	1296.41	1292.43	1293.83	1295.68	1296.54
G 4.0	1308.90	1302.69	1309.01	1306.30	1309.00	1309.60	1313.64
G 5.0	1315.72	1310.58	1318.64	1322.70	1320.96	1321.39	1320.04
G 6.0	1323.65	1316.15	1326.94	1328.29	1321.51	1329.71	1330.01
G 7.0	1326.35	1315.96	1325.33	1328.06	1331.09	1333.07	1338.18
G 8.0	1338.68	1327.62	1331.22	1329.58	1330.09	1335.67	1346.31
G 9.0	1349.93	1340.49	1343.51	1342.10	1340.67	1346.10	1352.64
G 10.0	1355.63	1352.51	1359.52	1358.43	1356.15	1359.03	1364.63
G 11.0	1360.22	1366.13	1379.92	1376.63	1371.31	1369.85	1365.83
G 12.0	1366.99	1375.95	1391.59	1387.83	1379.83	1367.08	1361.93
G 13.0	1379.08	1380.66	1398.46	1394.43	1377.08	1355.86	1354.31
G 14.0	1378.55	1379.13	1401.02	1387.70	1364.79	1345.16	1341.87
G 15.0	1373.39	1372.72	1387.48	1379.42	1355.76	1342.39	1337.71
G 16.0	1375.74	1373.07	1380.84	1371.82	1354.09	1345.74	1346.63
G 17.0	1372.83	1372.13	1369.11	1362.29	1352.40	1353.16	1361.12
G 18.0	1375.29	1374.40	1364.69	1362.24	1357.54	1360.54	1376.90
G 19.0	1379.44	1374.09	1376.16	1373.56	1370.29	1369.62	1383.74
G 20.0	1380.12	1375.39	1373.68	1377.34	1375.39	1371.32	1383.55
G 21.0	1375.87	1374.04	1372.92	1370.17	1369.69	1373.44	1376.13
G 22.0	1364.54	1363.82	1375.69	1370.05	1362.17	1358.40	1374.25
G 23.0	1348.80	1334.36	1354.66	1348.38	1351.61	1344.82	1358.61
G 24.0	1340.50	1316.36	1329.29	1328.56	1338.29	1335.95	1338.03
G 25.0	1340.16	1311.00	1313.80	1321.18	1327.88	1332.65	1318.29
G 26.0	1333.95	1299.30	1313.41	1332.20	1324.84	1320.75	1312.22
G 27.0	1314.82	1300.09	1309.57	1321.99	1302.54	1299.25	1295.07
G 28.0	1278.51	1275.20	1284.56	1287.69	1274.97	1270.54	1274.38
G 29.0	1242.65	1236.52	1251.17	1253.51	1245.83	1241.94	1240.21
G 30.0	1199.15	1189.25	1211.69	1211.28	1195.67	1207.05	1221.36
G 31.0	1152.25	1137.78	1170.23	1160.19	1149.32	1161.39	1173.16
G 32.0	1111.43	1092.84	1122.96	1114.90	1109.62	1115.22	1118.76
G 33.0	1057.43	1034.90	1071.78	1062.68	1054.30	1067.99	1064.04
G 34.0	1002.35	983.21	993.34	1003.45	980.49	1001.11	1007.36
G 35.0	927.69	924.41	933.22	933.35	927.30	940.32	953.60
G 36.0	868.32	860.83	869.80	869.04	877.79	879.90	896.17
G 37.0	802.89	800.23	807.00	803.30	822.87	810.98	822.04
G 38.0	740.20	736.96	744.26	743.21	756.43	737.41	744.75
G 39.0	671.01	663.38	685.86	672.75	678.10	663.67	670.39
G 40.0	593.99	595.19	595.69	589.14	604.87	590.78	591.89
G 41.0	500.01	490.84	504.46	494.31	505.82	496.13	491.15
G 42.0	393.58	389.81	393.38	398.97	395.54	388.65	390.80
G 43.0	291.30	280.49	285.30	277.37	284.26	287.36	282.72
G 44.0	193.48	180.94	197.08	196.63	188.69	188.86	189.01
G 45.0	135.91	132.70	131.86	125.06	128.08	128.99	127.65
G 46.0	93.42	91.31	85.54	88.53	87.14	84.93	84.76
G 47.0	64.03	64.84	64.82	63.04	61.88	60.00	60.60
G 48.0	49.89	49.17	49.19	47.86	46.72	46.26	45.63
G 49.0	39.41	39.62	39.88	38.48	37.86	37.51	36.63
G 50.0	33.80	33.77	33.52	33.16	32.50	31.85	31.51
G 51.0	30.52	30.14	29.84	29.44	29.06	28.62	28.27
G 52.0	27.97	27.77	27.72	27.41	26.93	26.47	26.25
G 53.0	26.26	26.30	26.16	25.90	25.45	25.23	24.86
G 54.0	25.26	25.26	25.21	24.99	24.55	24.25	23.92
G 55.0	24.29	24.35	24.31	24.16	23.72	23.56	23.21
G 56.0	23.56	23.70	23.68	23.52	23.05	22.89	22.61
G 57.0	22.99	23.00	23.07	22.95	22.59	22.35	22.04
G 58.0	22.39	22.40	22.40	22.32	21.97	21.76	21.46
G 59.0	21.92	21.93	21.94	21.79	21.39	21.18	20.93
G 60.0	21.54	21.52	21.52	21.35	20.93	20.73	20.42
G 61.0	21.32	21.31	21.20	21.09	20.66	20.49	20.18
G 62.0	21.48	21.55	21.51	21.51	20.94	20.85	20.33
G 63.0	22.90	22.85	22.72	22.37	21.94	21.91	21.50
G 64.0	26.72	27.19	26.53	26.51	26.06	26.26	24.77
G 65.0	33.20	33.70	34.51	35.15	34.42	34.52	33.05
G 66.0	43.32	45.62	45.04	44.40	44.76	45.29	43.44
G 67.0	55.35	55.58	56.34	56.75	54.84	54.12	53.95
G 68.0	62.19	64.14	63.99	63.03	63.78	64.07	63.06
G 69.0	67.45	67.87	67.14	69.55	69.76	70.79	67.14
G 70.0	70.21	70.84	70.52	73.09	71.07	73.41	71.24
G 71.0	69.41	69.99	69.60	73.60	71.97	71.74	70.04
G 72.0	67.89	68.00	69.26	70.38	68.14	70.10	69.51

Luminaire				Measurem.				Lamp			
Code	TRL-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	67.61	70.72	69.70	70.77	71.33	73.97	67.56	68.12	69.31	71.07	68.42	64.10	64.04
G 74.0	65.72	70.47	68.81	69.68	69.89	71.91	66.27	67.49	69.51	70.60	68.65	63.67	64.68
G 75.0	66.46	69.92	69.77	71.11	71.48	71.24	65.71	64.77	69.34	69.25	68.79	65.42	65.37
G 76.0	64.31	65.55	66.83	68.61	69.07	68.42	63.70	63.89	65.66	65.61	64.18	62.32	62.38
G 77.0	58.08	57.90	59.12	62.33	60.20	61.70	56.97	57.92	57.21	57.29	56.13	54.63	56.03
G 78.0	49.66	49.07	50.67	52.15	51.37	51.54	48.91	48.80	47.53	48.94	47.44	46.17	47.73
G 79.0	42.68	41.65	42.68	43.07	44.32	44.47	41.13	41.71	40.42	41.34	39.29	40.52	40.23
G 80.0	36.00	36.60	36.77	36.92	37.50	37.36	34.65	35.05	34.47	36.07	34.31	33.94	34.55
G 81.0	30.70	30.47	30.70	31.04	31.46	32.02	29.43	29.44	29.59	30.36	29.13	28.85	29.48
G 82.0	25.42	26.29	25.82	25.99	27.02	27.20	24.95	24.35	24.68	25.65	24.09	23.94	24.73
G 83.0	21.31	21.80	21.75	21.66	23.35	22.98	20.71	19.61	20.55	20.97	19.92	19.30	20.54
G 84.0	17.40	18.22	18.38	18.31	18.53	19.32	17.41	15.37	16.96	17.44	16.08	14.95	17.52
G 85.0	14.58	14.76	14.76	14.74	14.96	15.31	13.72	12.07	13.03	13.81	12.22	12.22	14.62
G 86.0	11.58	12.10	11.51	11.67	11.75	11.90	10.88	9.65	9.94	10.52	9.66	9.71	12.20
G 87.0	9.04	9.02	8.83	8.77	8.80	9.08	8.30	7.21	7.57	8.21	7.00	7.65	9.31
G 88.0	6.75	6.63	6.75	6.50	6.59	6.95	6.17	5.25	5.52	5.88	5.15	5.52	6.80
G 89.0	4.61	4.54	4.64	4.54	4.39	4.76	4.10	3.39	3.76	3.80	3.50	3.68	4.37
G 90.0	2.47	2.53	2.81	2.58	2.58	2.90	2.47	2.14	2.10	2.22	2.09	2.23	2.58
G 91.0	0.59	0.74	0.78	1.00	1.18	1.34	1.13	1.04	1.14	1.16	1.13	1.21	1.23
G 92.0	0.24	0.27	0.27	0.30	0.34	0.33	0.25	0.27	0.20	0.25	0.22	0.22	0.21
G 93.0	0.25	0.25	0.25	0.32	0.35	0.29	0.27	0.22	0.20	0.19	0.19	0.20	0.19
G 94.0	0.22	0.25	0.24	0.31	0.34	0.29	0.23	0.22	0.20	0.17	0.18	0.18	0.20
G 95.0	0.22	0.24	0.24	0.30	0.33	0.27	0.23	0.20	0.18	0.16	0.17	0.16	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-20250045		Code	TRL-20250045		Code	Led
Name	SPOT grande LED lente Fresnel		Name	SPOT grande LED lente Fresnel		Number	1
Line	Eulumdat		Date	11-02-2025		Position	

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	69.32	67.28	65.61	67.90	66.54	65.54	62.04	61.31	64.98	64.76	62.92	63.04	64.54
G 74.0	68.83	67.96	65.18	68.10	66.35	64.76	62.58	64.29	65.40	65.19	62.58	62.81	64.21
G 75.0	68.26	68.99	66.38	67.11	66.61	64.69	63.30	65.47	64.27	64.25	62.43	62.82	65.54
G 76.0	65.50	66.99	64.89	64.41	65.16	62.84	61.68	62.19	61.63	61.87	60.89	60.91	63.56
G 77.0	59.01	58.55	58.80	57.09	58.45	57.66	58.21	56.65	56.42	56.80	56.60	56.57	58.17
G 78.0	50.49	49.96	49.94	49.08	49.31	50.42	51.14	50.27	49.41	49.08	49.09	49.25	50.28
G 79.0	42.52	42.15	43.24	41.76	42.98	42.16	42.98	42.33	42.89	42.30	42.73	43.40	43.57
G 80.0	36.86	35.84	36.78	36.31	36.44	36.10	36.97	37.01	36.92	36.46	38.37	38.10	38.56
G 81.0	31.47	31.12	31.13	31.03	31.25	30.54	31.47	32.11	31.91	32.48	32.97	33.93	33.94
G 82.0	26.40	25.81	26.61	25.88	26.50	26.19	26.57	26.73	27.26	26.53	27.46	28.61	29.43
G 83.0	22.33	22.26	21.75	22.00	22.19	21.60	22.05	22.21	22.50	21.77	22.36	22.93	23.85
G 84.0	19.41	18.36	17.70	18.46	18.38	18.11	18.24	18.17	18.01	18.31	18.00	18.16	19.24
G 85.0	15.99	15.52	14.97	15.40	14.96	15.07	14.98	14.60	14.72	14.79	14.88	14.61	15.27
G 86.0	13.07	12.48	12.00	12.12	12.34	12.25	11.94	11.75	11.57	11.69	11.75	11.81	12.43
G 87.0	9.97	9.48	9.38	9.58	9.39	9.40	9.33	9.20	9.23	9.42	8.90	9.08	9.29
G 88.0	7.35	7.06	6.95	6.80	6.77	6.86	7.13	6.75	6.41	6.68	6.36	6.31	6.40
G 89.0	5.07	4.80	4.84	4.76	4.53	4.56	4.53	4.28	4.24	4.27	4.17	3.88	4.13
G 90.0	2.79	2.69	2.77	2.86	2.57	2.39	2.22	1.90	1.96	1.51	1.39	1.19	1.27
G 91.0	1.29	1.05	1.04	0.86	0.62	0.42	0.27	0.24	0.24	0.23	0.24	0.23	0.24
G 92.0	0.20	0.18	0.19	0.20	0.18	0.19	0.20	0.22	0.20	0.22	0.22	0.22	0.22
G 93.0	0.18	0.19	0.19	0.18	0.17	0.18	0.19	0.18	0.21	0.20	0.21	0.20	0.21
G 94.0	0.17	0.19	0.16	0.16	0.17	0.15	0.18	0.18	0.18	0.18	0.18	0.18	0.20
G 95.0	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18
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-20250045		Code	TRL-20250045		Code	Led
Name	SPOT grande LED lente Fresnel		Name	SPOT grande LED lente Fresnel		Number	1
Line	Eulumdat		Date	11-02-2025		Position	

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	62.85	61.53	63.18	63.20	64.20	64.52	62.83	63.85	63.26	62.18	64.61	62.45	64.85
G 74.0	62.40	61.50	62.82	62.88	63.86	62.11	62.48	64.40	62.53	62.87	65.22	64.51	67.66
G 75.0	64.10	61.96	63.58	64.07	62.64	62.50	63.29	65.36	63.77	63.07	64.80	65.81	67.63
G 76.0	61.74	61.25	62.35	63.08	60.52	62.20	62.07	62.59	62.10	61.93	62.54	63.56	64.15
G 77.0	56.30	56.98	56.95	58.41	55.94	57.77	56.81	57.26	58.09	57.79	57.22	56.40	57.27
G 78.0	50.73	50.30	50.04	51.60	48.68	51.99	49.52	49.96	51.27	51.47	47.81	48.46	50.58
G 79.0	43.90	43.35	43.22	44.19	43.05	45.85	42.86	43.71	43.92	44.02	41.52	41.98	43.17
G 80.0	38.00	37.20	37.48	37.73	38.52	39.82	38.40	38.32	38.09	38.55	35.86	35.74	37.50
G 81.0	33.49	32.58	32.79	33.84	33.81	36.15	34.50	33.87	33.27	34.14	31.35	30.77	32.26
G 82.0	28.13	27.35	28.27	28.08	29.26	30.21	29.79	28.76	28.86	29.10	26.16	26.46	27.11
G 83.0	22.32	22.69	22.91	23.10	23.58	23.92	24.04	23.75	24.33	24.45	21.93	21.79	21.98
G 84.0	18.54	18.80	19.01	18.90	19.45	19.47	18.99	19.52	19.75	19.78	18.23	18.29	18.75
G 85.0	15.18	15.13	15.10	15.51	15.58	16.05	15.57	15.77	16.09	16.02	15.01	14.83	15.40
G 86.0	12.09	11.91	12.00	12.47	12.78	12.95	12.59	12.33	12.90	12.94	12.10	11.72	12.29
G 87.0	8.97	9.25	9.22	9.39	9.88	9.62	10.05	9.95	9.90	10.04	8.77	8.85	9.29
G 88.0	6.05	6.17	6.27	6.42	6.79	6.87	7.01	7.06	6.96	7.41	6.46	6.21	6.61
G 89.0	3.95	3.95	4.18	4.06	4.09	4.32	4.37	4.33	4.31	4.78	4.12	3.84	4.21
G 90.0	0.96	1.14	1.25	1.40	1.37	1.74	1.96	2.30	2.09	2.53	1.80	1.88	2.18
G 91.0	0.24	0.23	0.26	0.27	0.27	0.27	0.30	0.29	0.40	0.61	0.34	0.44	0.61
G 92.0	0.22	0.23	0.24	0.25	0.27	0.27	0.27	0.27	0.31	0.31	0.22	0.27	0.21
G 93.0	0.20	0.20	0.22	0.23	0.24	0.24	0.23	0.25	0.29	0.27	0.22	0.27	0.21
G 94.0	0.19	0.18	0.19	0.23	0.23	0.22	0.22	0.23	0.29	0.24	0.21	0.24	0.19
G 95.0	0.18	0.17	0.19	0.20	0.21	0.21	0.20	0.22	0.29	0.24	0.22	0.23	0.19
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp	
Code	TRL-20250045			Code	TRL-20250045			Code	Led
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1
Line	Eulumdat			Date	11-02-2025			Position	

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	62.73	62.92	62.33	63.00	60.78	63.36	64.64	61.62	60.34	62.55	64.01	66.61	66.62
G 74.0	65.53	65.52	64.07	63.49	61.14	65.59	65.62	60.56	60.83	62.75	65.80	67.41	66.91
G 75.0	66.55	67.86	65.49	62.42	61.39	65.96	65.72	62.29	62.38	63.98	66.47	66.71	65.62
G 76.0	63.05	65.26	63.88	60.04	58.62	61.69	62.36	60.15	59.49	60.51	62.67	62.69	62.22
G 77.0	55.40	57.71	55.61	53.09	51.73	54.06	54.62	53.48	51.71	52.44	53.77	53.22	53.03
G 78.0	48.04	48.41	47.40	44.91	44.05	45.02	45.08	45.33	43.24	42.96	45.24	46.39	44.86
G 79.0	41.95	40.87	39.64	38.38	36.93	38.22	37.60	38.17	36.67	37.59	38.47	39.21	39.40
G 80.0	35.90	35.18	34.26	33.47	31.90	32.04	32.15	32.64	32.30	32.99	33.76	34.61	34.64
G 81.0	30.43	30.64	29.60	29.04	27.72	27.64	27.66	28.59	27.87	29.24	29.34	30.92	30.66
G 82.0	26.54	26.08	25.63	24.96	22.78	23.75	23.98	24.17	23.70	24.77	26.15	27.13	26.12
G 83.0	22.16	21.87	22.04	20.62	18.72	20.06	20.75	20.29	19.82	21.11	22.17	22.57	21.88
G 84.0	18.59	18.25	18.42	17.59	14.81	16.13	16.58	16.73	15.61	17.91	18.47	19.27	18.45
G 85.0	15.08	15.28	15.27	14.68	12.04	12.93	13.29	13.22	12.04	14.79	15.00	15.48	15.33
G 86.0	11.87	12.02	12.03	11.63	9.66	10.11	10.32	10.27	9.53	11.79	12.02	12.50	12.33
G 87.0	9.09	9.31	9.04	8.65	7.18	7.50	7.85	7.50	7.42	8.75	8.82	9.40	9.16
G 88.0	6.63	6.91	6.60	6.08	5.18	5.41	5.49	5.41	5.25	6.11	6.27	6.63	6.43
G 89.0	4.51	4.65	4.62	4.43	3.63	3.90	3.86	3.76	3.63	4.22	4.39	4.53	4.49
G 90.0	2.31	2.49	2.40	2.54	2.09	2.40	2.13	2.15	2.15	2.49	2.67	2.52	2.41
G 91.0	0.77	0.96	1.23	1.30	1.13	1.25	1.24	1.20	1.08	1.21	1.28	1.20	0.97
G 92.0	0.29	0.25	0.24	0.21	0.21	0.20	0.24	0.23	0.21	0.18	0.21	0.21	0.18
G 93.0	0.25	0.22	0.23	0.19	0.18	0.17	0.17	0.14	0.17	0.14	0.15	0.14	0.15
G 94.0	0.24	0.21	0.20	0.18	0.18	0.17	0.16	0.13	0.13	0.14	0.15	0.13	0.16
G 95.0	0.24	0.23	0.20	0.18	0.17	0.15	0.14	0.13	0.14	0.13	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-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	69.04	67.42	68.80	68.34	68.62	66.24	67.94	66.70	67.50	67.37	67.70	67.66	67.55
G 74.0	68.48	68.03	67.54	68.39	67.63	66.08	66.43	66.61	68.59	67.31	66.37	67.72	66.98
G 75.0	66.25	65.72	65.44	67.05	65.19	66.21	64.24	66.38	66.94	67.87	65.36	65.66	65.42
G 76.0	62.14	61.36	61.24	61.91	60.43	62.01	60.77	61.17	60.98	62.41	61.22	60.47	61.11
G 77.0	54.39	54.12	53.15	53.71	53.13	52.97	53.51	54.06	54.12	55.42	54.49	53.54	54.67
G 78.0	46.24	45.89	46.09	45.20	44.52	44.88	44.99	45.04	45.62	46.47	46.69	44.67	45.30
G 79.0	39.70	39.54	40.59	40.20	38.65	38.80	38.83	38.62	38.34	38.39	39.06	38.28	38.98
G 80.0	34.52	34.49	35.98	35.50	34.17	33.77	34.03	32.73	33.36	33.04	32.87	32.24	33.63
G 81.0	30.52	30.00	31.36	30.85	29.66	29.91	29.93	28.37	28.85	28.38	27.43	27.39	28.28
G 82.0	25.80	25.42	26.32	25.75	25.05	24.46	24.83	23.20	23.85	23.53	23.06	22.90	23.39
G 83.0	21.48	21.59	21.42	21.37	20.81	20.41	20.05	19.45	19.60	19.83	19.25	18.90	19.41
G 84.0	18.02	18.14	18.16	17.67	17.45	16.73	16.44	16.14	16.49	16.28	16.19	15.89	16.18
G 85.0	15.08	14.65	14.70	14.10	13.77	13.80	13.48	13.24	12.84	13.76	13.49	13.27	13.96
G 86.0	12.23	11.20	11.38	11.03	10.71	10.77	10.80	10.49	10.57	10.69	10.71	10.77	11.00
G 87.0	9.23	8.70	8.38	8.29	8.07	8.29	8.53	8.19	8.16	8.10	8.33	8.41	8.42
G 88.0	6.80	6.22	6.12	6.14	6.09	6.17	5.96	5.81	5.75	5.57	5.48	5.75	5.86
G 89.0	4.60	4.20	4.02	3.89	4.20	4.20	4.01	3.90	4.00	3.87	3.88	3.92	3.98
G 90.0	2.51	2.32	2.18	2.01	2.14	1.71	1.73	1.62	1.30	1.15	1.23	0.88	1.20
G 91.0	0.83	0.68	0.58	0.43	0.37	0.24	0.24	0.23	0.24	0.24	0.25	0.24	0.25
G 92.0	0.18	0.18	0.17	0.16	0.19	0.19	0.19	0.21	0.22	0.24	0.22	0.21	0.22
G 93.0	0.18	0.16	0.15	0.17	0.17	0.16	0.18	0.19	0.20	0.20	0.19	0.19	0.20
G 94.0	0.15	0.13	0.14	0.15	0.16	0.15	0.15	0.15	0.17	0.18	0.18	0.18	0.18
G 95.0	0.13	0.13	0.12	0.14	0.13	0.14	0.14	0.14	0.15	0.16	0.16	0.16	0.18
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measur.		Lamp	
Code	TRL-20250045	Code	TRL-20250045	Code	Led
Name	SPOT grande LED lente Fresnel	Name	SPOT grande LED lente Fresnel	Number	1
Line	Eulumdat	Date	11-02-2025	Position	

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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	67.11	66.92	70.05	68.70	66.97	69.07	69.34
G 74.0	65.67	66.42	69.80	67.71	66.52	70.32	68.73
G 75.0	64.51	65.21	66.53	66.75	65.72	69.20	68.05
G 76.0	60.16	61.55	62.57	62.49	61.64	64.66	63.77
G 77.0	53.03	54.40	53.86	54.37	54.83	57.03	54.42
G 78.0	46.00	45.87	45.03	46.74	45.92	47.23	46.35
G 79.0	38.30	39.44	37.07	39.13	37.40	40.29	38.52
G 80.0	33.48	32.80	31.88	34.21	32.70	33.96	33.06
G 81.0	27.82	27.12	27.50	28.72	27.65	27.98	28.24
G 82.0	23.48	23.38	23.71	24.60	23.01	23.26	23.66
G 83.0	19.18	19.57	19.38	20.45	19.01	19.59	19.96
G 84.0	15.81	16.13	16.59	16.63	15.66	16.36	16.53
G 85.0	13.14	13.63	13.70	13.48	13.24	13.59	13.14
G 86.0	10.64	11.20	10.92	10.67	10.53	10.64	10.38
G 87.0	8.23	8.74	8.45	8.25	7.82	8.03	8.12
G 88.0	5.64	5.94	5.78	5.55	5.52	5.64	5.63
G 89.0	3.91	3.91	3.83	3.66	3.54	3.69	3.75
G 90.0	0.99	1.23	1.41	1.63	1.28	1.56	1.68
G 91.0	0.27	0.27	0.31	0.27	0.31	0.32	0.32
G 92.0	0.24	0.27	0.29	0.26	0.25	0.33	0.29
G 93.0	0.23	0.24	0.27	0.25	0.25	0.31	0.30
G 94.0	0.22	0.21	0.25	0.22	0.24	0.31	0.27
G 95.0	0.20	0.21	0.22	0.20	0.21	0.28	0.27
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-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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-20250045			Code	TRL-20250045			Code	Led		
Name	SPOT grande LED lente Fresnel			Name	SPOT grande LED lente Fresnel			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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-20250045	Code	TRL-20250045	Code	Led
Name	SPOT grande LED lente Fresnel	Name	SPOT grande LED lente Fresnel	Number	1
Line	Eulumdat	Date	11-02-2025	Position	

Luminaire Flux	2009.53 lm	Luminaire Power	21.17 W	Efficacy	94.94 lm/W	Efficiency	100.01%
Lamps Flux	2009.30 lm	Maximum value	1401.49 cd	Position	C=300.00 G=13.00	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