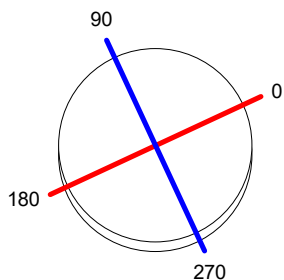


Luminaire			Measurem.			Lamp	
Code	TRL-20250046		Code	TRL-20250046		Code	Led
Name	SPOT grande LED lente Opale		Name	SPOT grande LED lente Opale		Number	1
Line	Eulumdat		Date	11-02-2025		Position	
Luminaire Flux		1810.96 lm	Luminaire Power		21.17 W	Efficacy	85.56 lm/W
Lamps Flux		1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG Asymmetrical
Round Luminaire		Diam.	194 mm	Height	70 mm		
Round Luminous Area		Diam.	190 mm	Height	0 mm		
Horizontal Luminous Area		0.028353 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.006859 m2	
Coordinate system		CG	Symmetry Type		Asymmetrical		
Date		11-02-2025	Maximum Gamma Angle		180		
Measurement Distance		0.00	Measurement Flux		1810.84 lm		
Operator		Palazzoli S.p.A. - Mirco Scebba		Source voltage			
Temperature		25.00 °C		Source current			
Humidity		60.00 %		Photocell			
Notes							
Line	Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
	Led		Name		1810.84	21.17	1
			Led - 21.17 W				
C.I.E.	56 87 99 100 100	D DIN 5040		A40			
F UTE	1.00 D	B NBN		BZ 3			

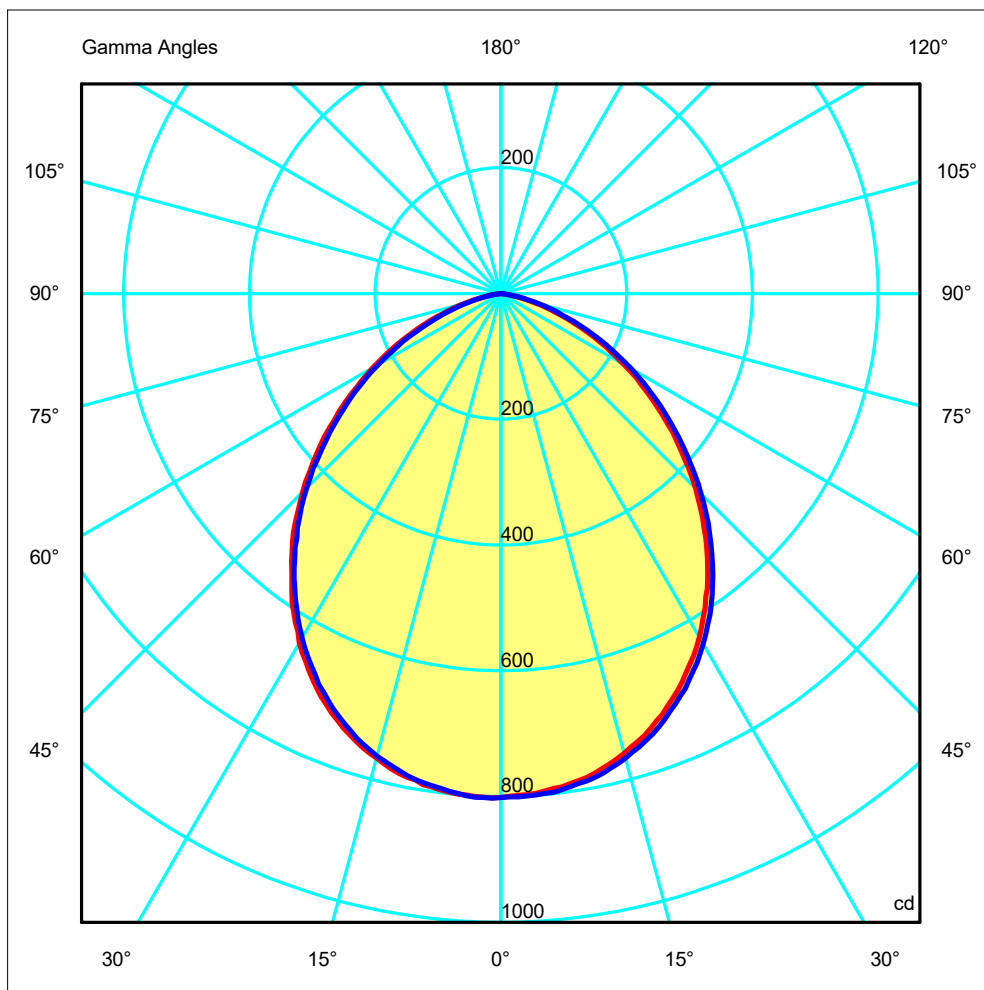
Diam=194mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.01 %  
DLOR 100.00 %  
RN 0.01 %



Luminaire				Measurem.				Lamp							
Code	TRL-20250046			Code	TRL-20250046			Code	Led						
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1						
Line	Eulumdat			Date	11-02-2025			Position							
Luminaire Flux		1810.96 lm		Luminaire Power		21.17 W		Efficacy		85.56 lm/W		Efficiency		100.01%	
Lamps Flux		1810.84 lm		Maximum value		805.79 cd		Position		C=285.00 G=2.00		CG Asymmetrical			
Luminous Intensity Table cd														Table 1/18	
	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00		
G 0.0	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	
G 1.0	799.40	801.91	801.40	801.83	800.57	799.32	803.54	799.54	800.90	802.15	799.42	801.34	800.61	801.49	
G 2.0	798.55	800.54	802.12	800.33	798.56	798.75	801.73	801.40	799.62	801.77	797.48	800.07	800.27	799.42	
G 3.0	797.81	799.64	800.46	799.47	798.42	798.68	798.04	802.44	798.65	797.80	796.50	799.82	799.62	799.42	
G 4.0	796.49	797.43	799.67	796.85	796.72	797.56	797.54	798.05	797.08	798.57	796.42	799.18	798.84	798.42	
G 5.0	794.20	796.09	798.30	794.56	794.65	796.57	796.23	798.08	795.11	798.53	795.59	797.43	797.86	797.62	
G 6.0	791.37	793.62	796.98	791.70	793.35	794.63	794.72	794.59	795.30	796.67	793.43	793.79	796.43	796.43	
G 7.0	790.28	791.30	794.47	789.20	790.68	791.81	793.38	792.34	792.01	793.79	790.47	793.60	794.42	794.42	
G 8.0	787.14	788.17	791.22	788.31	788.45	789.00	789.47	790.63	789.14	789.43	788.41	790.58	791.79	791.79	
G 9.0	784.60	785.70	787.47	784.35	785.34	785.59	786.68	788.50	786.76	787.87	786.53	787.78	788.57	788.57	
G 10.0	781.51	782.60	782.85	780.86	781.38	781.32	783.68	784.69	783.05	784.05	783.94	785.29	786.25	786.25	
G 11.0	777.69	779.30	780.80	777.08	777.17	777.62	780.39	782.37	778.88	780.12	780.50	781.84	782.70	782.70	
G 12.0	772.44	774.84	776.69	772.79	772.62	772.85	774.24	777.25	774.00	776.89	776.42	776.53	777.98	777.98	
G 13.0	767.62	769.21	770.99	768.93	768.02	769.22	769.98	772.36	769.13	771.63	770.83	771.19	772.86	772.86	
G 14.0	762.47	764.17	766.46	763.76	763.30	763.69	765.34	766.92	764.29	767.82	765.66	766.90	767.50	767.50	
G 15.0	756.77	758.45	761.63	758.92	758.24	758.24	759.80	762.80	759.18	761.94	759.39	760.87	762.29	762.29	
G 16.0	750.26	752.05	754.71	752.30	751.74	752.61	753.58	756.34	754.24	755.48	753.18	755.21	755.89	755.89	
G 17.0	744.70	745.51	748.77	746.58	745.39	746.94	748.12	750.27	748.62	749.72	747.42	749.07	750.38	750.38	
G 18.0	738.66	739.98	740.88	739.46	738.68	740.33	742.21	743.51	741.60	743.56	740.89	742.82	744.88	744.88	
G 19.0	731.35	732.52	735.05	731.59	732.20	732.77	734.45	736.78	735.37	735.73	734.24	735.97	737.49	737.49	
G 20.0	723.56	725.84	727.09	724.77	724.84	725.68	727.16	729.70	727.65	729.21	727.49	728.63	730.59	730.59	
G 21.0	716.36	717.25	719.78	716.94	717.27	717.74	719.64	722.10	720.61	721.20	719.98	721.77	722.59	722.59	
G 22.0	707.36	709.05	711.69	708.80	708.36	710.06	710.96	713.95	712.12	713.44	712.44	713.20	715.26	715.26	
G 23.0	699.08	700.99	704.07	700.36	700.49	701.55	702.74	705.41	703.44	704.31	703.91	705.46	706.92	706.92	
G 24.0	691.06	692.04	694.93	692.29	692.19	692.78	695.02	696.62	695.75	696.39	694.57	697.20	699.23	699.23	
G 25.0	681.86	682.37	686.16	683.11	683.47	683.32	686.18	687.25	686.33	686.82	686.41	687.68	689.35	689.35	
G 26.0	671.38	672.73	676.20	674.30	673.25	673.13	676.95	677.21	677.41	677.69	676.96	678.42	681.07	681.07	
G 27.0	661.54	663.41	666.00	663.79	663.60	664.07	666.76	667.30	667.23	667.47	667.67	668.33	670.08	670.08	
G 28.0	652.29	653.05	656.89	653.35	653.16	654.66	657.12	657.64	656.01	658.45	657.57	658.28	660.84	660.84	
G 29.0	641.80	643.47	645.47	642.70	643.88	643.63	646.21	647.85	646.76	647.52	647.15	648.09	650.13	650.13	
G 30.0	630.89	631.16	634.90	632.49	632.14	633.35	634.98	636.73	634.87	637.36	636.26	637.11	639.44	639.44	
G 31.0	619.05	619.34	623.05	621.35	621.97	622.20	623.02	625.73	623.81	625.21	624.13	626.04	628.43	628.43	
G 32.0	607.27	609.33	611.23	609.34	610.29	610.29	613.50	614.38	613.84	614.31	614.14	614.39	617.50	617.50	
G 33.0	596.39	596.76	599.26	597.35	599.08	598.88	600.18	602.26	599.96	602.67	602.52	602.70	605.62	605.62	
G 34.0	582.54	583.77	587.66	585.51	586.38	586.85	589.03	590.26	589.54	590.96	590.95	592.39	595.26	595.26	
G 35.0	572.21	572.94	575.10	573.03	574.23	574.21	575.10	577.37	577.46	578.31	577.70	579.32	582.22	582.22	
G 36.0	559.09	559.93	562.48	561.55	561.72	562.23	563.66	564.87	564.54	567.09	565.11	568.04	568.11	568.11	
G 37.0	546.42	546.64	550.68	548.48	548.75	549.24	550.97	553.11	552.58	552.60	552.80	553.89	556.51	556.51	
G 38.0	533.03	534.43	536.19	534.12	535.32	536.03	539.36	539.02	538.57	540.97	539.87	541.91	543.20	543.20	
G 39.0	520.02	522.23	523.49	519.73	521.48	524.33	524.29	527.47	525.40	525.98	527.99	528.31	529.72	529.72	
G 40.0	506.27	506.99	510.17	507.80	507.89	510.43	512.12	513.12	511.69	513.33	513.27	516.10	516.35	516.35	
G 41.0	492.07	493.49	495.38	494.82	493.93	496.96	498.78	499.97	499.03	499.28	499.48	500.72	501.97	501.97	
G 42.0	479.04	479.74	482.22	481.41	481.11	483.01	484.85	485.68	485.63	486.53	486.95	487.13	488.48	488.48	
G 43.0	465.01	465.09	468.17	468.01	468.29	469.37	470.01	472.06	470.00	470.87	471.19	472.81	475.35	475.35	
G 44.0	450.45	451.77	454.02	453.85	453.94	454.93	456.19	458.09	457.46	458.45	458.47	458.66	460.40	460.40	
G 45.0	437.38	437.57	439.55	439.47	439.79	441.66	441.43	443.85	442.59	444.41	443.60	445.49	448.12	448.12	
G 46.0	422.62	423.74	425.83	423.70	425.01	425.98	428.10	429.11	428.77	430.35	429.39	431.58	433.31	433.31	
G 47.0	408.03	409.69	411.45	410.90	410.41	412.98	414.43	414.77	414.64	416.01	416.33	416.72	418.88	418.88	
G 48.0	393.15	395.32	397.27	396.41	396.70	398.46	399.63	400.51	400.74	401.32	401.13	402.88	404.31	404.31	
G 49.0	378.83	381.07	381.47	381.98	383.38	384.34	385.27	387.63	386.42	387.06	386.84	388.05	389.58	389.58	
G 50.0	364.75	365.33	368.86	369.10	369.08	370.07	371.60	373.14	371.94	374.25	372.75	374.03	375.21	375.21	
G 51.0	352.27	352.95	352.94	354.64	355.72	354.87	356.46	358.90	357.23	359.08	358.60	360.73	360.37	360.37	
G 52.0	336.58	338.63	339.98	340.18	340.29	342.61	342.65	344.92	344.02	345.73	343.94	347.44	345.71	345.71	
G 53.0	322.35	325.00	325.68	326.34	326.00	328.34	329.62	330.86	329.73	330.35	330.87	332.33	332.74	332.74	
G 54.0	308.15	310.73	312.37	312.45	311.90	314.17	314.80	316.16	315.76	317.20	316.75	319.27	319.83	319.83	
G 55.0	294.52	295.37	297.42	298.50	297.95	299.32	300.88	302.51	301.75	303.43	303.87	305.09	305.80	305.80	
G 56.0	279.80	282.83	283.95	284.16	284.12	286.05	288.40	287.99	288.92	290.00	288.69	291.30	291.77	291.77	
G 57.0	266.41	268.49	270.21	271.76	270.15	272.38	2737								

Luminaire				Measurem.				Lamp			
Code	TRL-20250046			Code	TRL-20250046			Code	Lamp		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG Asymmetrical	

Luminous Intensity Table cd													Table 2/18
	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 0.0	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49
G 1.0	803.65	800.11	800.24	801.81	802.45	800.48	801.60	799.75	802.73	802.14	801.72	802.22	801.48
G 2.0	802.96	797.94	799.83	800.97	804.33	800.76	801.29	798.60	803.05	802.53	802.73	802.11	801.36
G 3.0	802.81	797.74	799.52	800.46	802.08	799.95	801.12	799.53	800.71	802.63	803.35	802.18	801.19
G 4.0	801.89	797.12	797.51	800.02	800.37	799.20	799.95	799.99	800.12	801.84	801.50	801.85	800.46
G 5.0	800.08	797.15	798.35	797.66	797.49	798.00	798.08	799.41	800.30	800.37	797.94	801.70	799.49
G 6.0	797.78	795.76	796.22	797.31	795.97	797.87	797.44	798.39	799.19	799.13	796.06	799.67	798.08
G 7.0	794.02	793.02	795.01	795.00	795.82	794.57	796.28	795.05	796.70	797.10	795.55	797.50	796.01
G 8.0	793.00	790.10	791.99	794.08	794.14	791.60	793.86	791.01	794.39	793.80	793.91	795.55	794.33
G 9.0	789.97	787.61	789.47	791.26	792.31	788.58	790.45	788.23	791.60	790.33	792.64	792.96	791.15
G 10.0	787.50	785.69	786.92	787.03	788.19	786.85	787.49	786.63	787.54	788.74	789.34	790.81	788.40
G 11.0	783.32	781.26	782.67	783.46	783.77	783.85	783.55	783.82	783.45	785.74	784.62	786.62	784.21
G 12.0	780.05	777.28	777.79	779.00	779.84	779.91	778.37	779.65	780.00	781.76	780.79	782.49	779.74
G 13.0	774.25	772.43	772.75	773.57	775.07	774.31	773.93	774.06	777.35	776.33	775.92	777.41	776.00
G 14.0	769.65	765.94	768.02	768.41	769.67	770.15	769.14	769.37	771.74	771.37	770.85	772.23	771.05
G 15.0	763.96	761.84	762.51	763.38	764.36	764.73	764.40	763.50	766.88	766.57	765.86	767.34	766.12
G 16.0	758.19	755.80	756.60	757.88	759.61	758.31	758.94	759.25	761.58	760.66	760.30	761.29	760.41
G 17.0	752.15	751.12	750.90	752.48	752.91	753.21	752.62	752.92	755.96	755.20	755.04	756.25	753.88
G 18.0	746.43	743.61	745.34	746.28	746.80	746.75	747.26	746.38	748.82	749.49	748.19	749.62	748.22
G 19.0	739.00	738.17	738.23	739.15	740.71	740.91	740.76	739.85	741.57	742.29	741.79	743.79	741.65
G 20.0	732.59	730.33	731.91	732.33	733.68	733.51	733.58	733.56	734.86	735.49	735.33	736.84	734.14
G 21.0	724.88	723.44	724.48	725.15	726.21	725.91	725.91	725.62	728.10	729.02	726.81	729.74	726.81
G 22.0	716.87	715.07	716.53	716.97	718.35	716.69	717.81	717.77	720.46	720.62	719.59	721.03	719.53
G 23.0	708.53	708.25	708.18	709.65	709.67	709.22	709.53	709.30	710.84	713.18	710.20	713.24	711.88
G 24.0	699.77	699.11	699.21	700.39	701.74	700.78	701.21	701.47	703.47	704.46	702.98	704.62	702.28
G 25.0	690.32	689.38	690.08	692.41	691.81	693.10	691.97	692.42	694.80	695.60	694.26	695.84	693.42
G 26.0	681.09	680.87	680.30	683.06	683.11	682.93	682.77	684.34	684.49	686.61	685.51	686.43	684.00
G 27.0	670.80	671.25	670.88	673.41	673.01	673.34	672.34	673.89	675.33	676.67	675.90	676.72	675.01
G 28.0	662.03	660.33	661.64	662.94	663.00	664.86	663.10	664.66	665.39	666.35	665.55	666.35	664.56
G 29.0	651.91	651.34	650.66	653.06	653.51	653.40	652.73	653.04	653.88	655.55	655.28	657.49	655.29
G 30.0	641.71	639.84	640.51	642.46	642.90	643.33	643.30	643.72	644.20	645.32	645.70	645.94	643.84
G 31.0	629.37	629.77	629.22	630.40	631.13	632.28	631.50	632.68	633.28	634.28	633.18	634.67	633.42
G 32.0	618.25	618.41	618.84	619.71	619.50	620.68	621.84	621.59	621.44	624.01	622.82	623.85	622.16
G 33.0	607.72	606.90	606.41	609.17	609.42	609.79	608.90	610.80	610.98	612.63	610.14	613.06	610.58
G 34.0	595.63	594.85	595.15	596.43	596.89	597.91	597.51	598.21	598.61	599.97	598.95	600.49	597.97
G 35.0	582.76	581.91	583.03	584.76	585.53	585.42	585.03	586.22	587.71	588.39	586.09	588.81	585.70
G 36.0	571.38	569.83	570.38	571.89	572.78	572.38	572.79	573.69	574.77	575.27	574.60	575.64	574.54
G 37.0	557.32	556.64	557.10	560.75	559.78	560.00	559.34	560.71	561.64	562.47	561.85	563.41	561.09
G 38.0	545.26	543.55	543.95	545.84	546.60	546.35	547.77	548.04	547.26	549.12	550.65	549.42	548.73
G 39.0	531.79	529.99	532.17	533.71	532.80	533.13	532.56	533.61	534.52	535.50	535.56	537.23	533.89
G 40.0	517.68	517.42	516.59	518.94	519.48	519.29	519.30	519.96	521.82	521.73	520.76	522.99	521.25
G 41.0	503.82	502.57	504.29	506.03	506.46	505.73	505.59	506.51	506.55	508.09	508.80	510.64	507.94
G 42.0	490.50	490.04	488.93	490.54	491.76	492.80	492.50	492.18	492.73	495.10	494.15	495.18	492.69
G 43.0	476.34	475.69	476.85	477.58	479.23	478.36	478.59	479.77	479.29	481.04	480.20	480.81	480.15
G 44.0	462.12	461.22	461.06	463.26	464.96	464.17	464.22	464.04	465.75	466.88	466.64	466.52	465.57
G 45.0	448.96	447.03	448.38	449.28	450.07	449.83	449.90	450.33	452.22	450.86	452.31	453.37	451.48
G 46.0	434.72	432.94	434.05	433.65	436.29	436.68	437.02	435.62	438.49	437.86	437.67	437.76	438.34
G 47.0	418.70	418.71	419.63	419.57	421.58	420.68	421.32	421.64	423.09	422.75	422.82	424.61	422.34
G 48.0	405.61	404.35	404.84	406.61	406.79	405.89	407.39	406.96	408.07	408.63	410.00	408.27	407.49
G 49.0	391.14	390.69	391.70	392.30	392.14	392.47	392.80	393.70	394.02	394.07	394.21	393.97	393.96
G 50.0	377.20	375.62	376.17	377.26	378.22	378.09	378.83	379.07	380.74	380.87	379.77	380.46	379.38
G 51.0	363.10	361.40	363.10	363.25	364.76	364.02	364.38	363.58	365.53	365.37	366.16	365.94	363.95
G 52.0	348.94	347.39	348.94	348.04	350.30	348.56	350.68	349.75	352.50	352.02	351.73	353.07	351.14
G 53.0	334.68	333.51	334.76	334.99	336.46	335.16	335.60	336.43	338.11	336.56	337.37	336.66	337.18
G 54.0	320.34	319.51	320.68	320.47	320.64	321.15	322.43	322.42	323.69	322.78	322.96	322.34	321.07
G 55.0	306.06	305.56	306.56	306.69	307.94	308.10	306.99	308.18	308.44	308.79	308.48	309.40	307.89
G 56.0	294.00	292.24	292.50	292.79	293.19	293.55	293.84	292.06	294.69	294.87	294.59	293.80	294.02
G 57.0	279.16	277.95	279.65	279.96	280.92	279.43	280.83	280.09	280.80	280.59	280.65	280.72	279.73
G 58.0	266.18	265.60	265.10	264.66	266.30	266.92	266.16	266.23	266.74	267.73	267.80	267.20	267.18
G 59.0	252.23	251.87	252.82	251.83	253.99	253.00	253.58	252.27	252.78	252.68	254.05	252.91	253.38
G 60.0	238.38	236.58	238.27	238.42	239.42	238.75	239.29	239.28	240.05	239.91	239.65	239.42	238.11
G 61.0	223.86	224.32	225.55	225.78	225.85	225.69	225.76	224.37	225.28	225.98	224.86	225.44	225.82
G 62.0	212.12	210.84	211.68	211.19	212.21	211.63	211.77	212.35	213.07	212.42	211.85	212.99	211.94
G 63.0	198.75	197.62	198.43	198.71	199.63	198.61	198.50	198.69	198.72	198.81	198.77	198.38	198.48
G 64.0	186.21	184.97	185.88	185.41	186.45	186.14	185.29	185.60	185.50	185.33	185.50	186.37	185.19
G 65.0	172.47	172.08	172.79	173.29	174.35	173.11	172.06	172.07	171.81	172.18	172.43	172.47	172.73
G 66.0	160.34	159.31	160.09	160.46	160.06	160.48	159.50	159.63	160.14	159.32	159.79	160.39	159.28
G 67.0	147.85	146.94	148.16	148.05	149.21	148.28	148.21	148.47	148.66	146.78	147.75	146.92	148.00
G 68.0	135.65	135.06	135.56	135.96	136.35	135.04	135.04	134.55	135.39	134.31	135.56		

Luminaire				Measur.				Lamp							
Code	TRL-20250046			Code	TRL-20250046			Code	Led						
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1						
Line	Eulumdat			Date	11-02-2025			Position							
Luminaire Flux		1810.96 lm		Luminaire Power		21.17 W		Efficacy		85.56 lm/W		Efficiency		100.01%	
Lamps Flux		1810.84 lm		Maximum value		805.79 cd		Position		C=285.00 G=2.00		CG		Asymmetrical	
Luminous Intensity Table cd														Table 3/18	
	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00		
G 0.0	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49
G 1.0	802.51	801.77	799.14	802.62	800.13	801.31	801.17	802.45	802.66	802.92	801.98	802.57	803.36	803.36	803.36
G 2.0	801.85	800.53	796.58	803.27	800.45	801.79	801.80	804.68	803.00	804.36	801.37	803.19	805.64	805.64	805.64
G 3.0	801.49	803.10	796.30	803.45	800.91	804.47	799.17	805.15	802.76	803.00	800.77	801.81	803.95	803.95	803.95
G 4.0	801.53	801.00	796.75	802.83	800.34	804.88	796.89	804.16	801.61	802.21	799.49	800.31	803.25	803.25	803.25
G 5.0	800.08	802.43	796.55	801.07	798.48	802.73	794.89	801.61	799.26	800.96	798.69	800.25	801.78	801.78	801.78
G 6.0	796.91	797.56	795.54	799.69	797.27	798.51	798.43	799.03	796.80	798.41	796.91	798.38	800.53	800.53	800.53
G 7.0	794.97	798.47	793.76	799.18	795.82	796.91	798.34	796.94	796.51	796.35	795.18	796.64	798.57	798.57	798.57
G 8.0	794.51	795.67	790.87	796.27	793.11	794.39	795.05	795.91	795.14	793.74	792.17	795.53	795.04	795.04	795.04
G 9.0	793.62	792.59	787.44	791.35	788.66	792.01	790.58	793.10	792.14	790.89	790.93	792.32	792.42	792.42	792.42
G 10.0	789.83	789.19	784.49	789.51	784.93	788.74	787.53	790.46	788.88	789.16	785.29	789.09	790.12	790.12	790.12
G 11.0	785.27	785.02	781.98	785.54	783.13	786.10	782.26	787.26	784.70	784.91	783.64	785.46	787.32	787.32	787.32
G 12.0	780.74	780.81	778.33	782.93	780.27	781.21	778.76	783.34	780.97	781.28	780.22	781.14	783.17	783.17	783.17
G 13.0	775.95	775.82	774.14	776.58	776.52	777.64	775.63	777.72	776.38	775.95	775.91	776.32	778.15	778.15	778.15
G 14.0	771.07	771.74	768.69	772.77	770.33	771.98	771.00	772.94	771.27	771.23	770.56	772.17	772.51	772.51	772.51
G 15.0	766.88	767.54	763.79	766.43	765.75	768.02	766.02	769.08	765.92	766.08	764.69	766.37	767.41	767.41	767.41
G 16.0	761.75	761.73	758.25	760.93	760.01	762.61	760.98	762.49	760.38	760.84	760.04	761.06	762.65	762.65	762.65
G 17.0	756.34	755.55	752.43	756.63	753.97	755.46	753.43	756.89	754.05	754.61	754.26	755.37	757.46	757.46	757.46
G 18.0	749.06	749.52	745.85	749.79	747.41	749.40	747.99	750.02	748.10	748.60	747.94	749.58	750.18	750.18	750.18
G 19.0	741.80	743.37	739.44	742.12	741.10	742.29	741.11	743.12	742.06	741.53	741.20	742.64	744.22	744.22	744.22
G 20.0	736.05	735.67	732.37	735.94	734.05	736.25	732.77	736.87	734.90	734.96	734.47	735.47	736.11	736.11	736.11
G 21.0	728.81	728.85	726.06	728.57	726.60	728.61	726.38	729.55	727.40	727.58	726.35	727.70	728.38	728.38	728.38
G 22.0	720.31	721.39	718.68	721.17	719.80	720.91	718.58	721.34	720.23	719.62	719.46	719.73	720.46	720.46	720.46
G 23.0	712.53	712.78	710.07	712.94	711.61	712.60	710.16	713.47	711.78	711.45	710.44	711.17	713.97	713.97	713.97
G 24.0	703.31	703.95	701.42	703.07	702.35	704.44	702.24	704.98	703.91	702.79	702.37	702.92	703.83	703.83	703.83
G 25.0	695.29	694.56	692.28	695.21	694.18	695.83	693.65	696.36	695.16	694.68	692.94	693.16	693.86	693.86	693.86
G 26.0	685.27	685.33	683.40	685.43	685.50	686.89	684.34	685.99	686.68	684.21	682.80	684.19	685.63	685.63	685.63
G 27.0	676.89	675.82	673.00	676.21	674.96	676.95	674.66	677.97	676.53	674.36	672.86	673.45	676.31	676.31	676.31
G 28.0	666.89	665.52	663.10	666.69	665.51	667.15	665.12	666.13	665.00	664.08	662.20	663.57	664.98	664.98	664.98
G 29.0	656.79	655.57	652.39	656.91	655.52	655.19	654.06	655.03	655.40	653.38	652.65	652.87	654.03	654.03	654.03
G 30.0	644.82	644.57	643.38	647.18	644.49	645.01	643.58	646.16	644.88	643.03	641.40	642.25	642.01	642.01	642.01
G 31.0	635.01	634.34	632.79	635.02	632.57	632.94	632.01	634.10	633.65	632.82	627.23	631.09	632.57	632.57	632.57
G 32.0	623.21	624.13	621.46	623.30	622.65	623.46	621.15	621.97	621.82	620.18	617.40	619.34	619.07	619.07	619.07
G 33.0	612.10	611.87	609.34	611.96	610.62	611.36	609.49	611.39	610.06	609.17	605.25	606.82	608.13	608.13	608.13
G 34.0	600.22	599.17	597.54	599.91	598.39	599.23	598.24	598.61	598.96	597.27	593.95	594.11	595.75	595.75	595.75
G 35.0	587.13	587.43	584.62	586.24	585.91	587.63	585.96	587.68	585.85	585.38	579.81	581.51	581.49	581.49	581.49
G 36.0	574.34	575.06	573.33	574.01	573.29	574.70	574.08	575.10	572.63	573.74	566.34	570.29	569.79	569.79	569.79
G 37.0	561.97	561.66	560.44	561.27	559.37	561.65	561.56	561.75	561.65	559.65	552.94	555.56	555.98	555.98	555.98
G 38.0	548.88	548.91	547.26	548.11	548.14	548.44	547.25	549.68	547.74	547.23	540.74	543.42	543.19	543.19	543.19
G 39.0	536.17	536.13	533.62	534.28	534.70	535.24	534.01	536.00	534.58	533.82	527.67	528.87	531.15	531.15	531.15
G 40.0	522.43	522.70	520.20	522.23	519.68	522.44	520.73	521.74	521.31	518.62	516.07	516.23	515.31	515.31	515.31
G 41.0	508.27	507.70	505.71	507.91	507.37	506.97	506.90	507.51	506.33	505.53	502.84	500.50	504.70	504.70	504.70
G 42.0	493.12	494.10	493.34	494.45	493.09	494.10	492.48	494.21	492.97	491.88	488.72	487.36	488.64	488.64	488.64
G 43.0	479.22	480.77	478.03	479.93	478.91	480.37	477.90	480.20	478.10	477.98	473.83	472.53	475.02	475.02	475.02
G 44.0	466.28	466.51	464.33	466.18	464.53	465.59	464.03	465.36	465.24	464.18	460.08	459.08	460.35	460.35	460.35
G 45.0	452.04	452.05	449.96	451.73	450.33	452.39	448.91	452.48	450.02	450.66	445.70	443.94	446.03	446.03	446.03
G 46.0	437.04	437.30	435.17	437.05	435.88	437.05	436.02	437.94	436.46	434.86	432.45	431.00	431.69	431.69	431.69
G 47.0	422.78	422.67	420.01	422.51	421.45	422.95	421.76	423.27	420.86	421.40	416.49	416.61	417.11	417.11	417.11
G 48.0	409.14	408.68	406.54	408.73	407.75	407.86	406.96	408.77	407.47	407.09	403.42	402.19	403.98	403.98	403.98
G 49.0	393.32	394.25	392.10	394.23	391.87	393.45	392.30	394.05	392.55	392.15	388.82	387.78	389.59	389.59	389.59
G 50.0	380.21	380.32	377.63	379.81	378.99	378.11	377.82	379.53	378.44	378.55	374.11	373.37	374.83	374.83	374.83
G 51.0	364.42	365.25	363.45	364.25	363.94	364.36	364.49	364.93	363.62	363.46	361.00	359.07	359.71	359.71	359.71
G 52.0	353.07	351.71	349.09	351.24	349.71	349.91	349.62	352.06	348.41	349.44	345.27	346.33	346.58	346.58	346.58
G 53.0	335.22	336.82	335.74	336.45	335.15	336.36	335.78	335.69	335.47	335.19	330.71	330.17	331.49	331.49	331.49
G 54.0	322.45	322.89	321.40	323.18	321.67	322.16	321.36	323.08	320.96	321.65	318.10	316.81	317.44		

Luminaire				Measur.				Lamp							
Code	TRL-20250046			Code	TRL-20250046			Code	Led						
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1						
Line	Eulumdat			Date	11-02-2025			Position							
Luminaire Flux		1810.96 lm		Luminaire Power		21.17 W		Efficacy		85.56 lm/W		Efficiency		100.01%	
Lamps Flux		1810.84 lm		Maximum value		805.79 cd		Position		C=285.00 G=2.00		CG Asymmetrical			
Luminous Intensity Table cd														Table 4/18	
	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00		
G 0.0	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	
G 1.0	800.44	801.83	801.93	799.37	804.68	801.37	801.21	800.53	801.06	801.58	800.82	801.52	802.27	802.27	
G 2.0	800.16	801.19	801.32	802.01	804.91	801.00	801.55	799.54	800.29	800.07	802.33	801.41	801.58	801.58	
G 3.0	801.51	801.05	799.07	801.74	802.52	799.56	801.57	797.27	799.23	799.22	801.37	799.70	802.27	802.27	
G 4.0	800.67	798.51	798.75	801.85	803.94	798.00	800.01	796.64	799.65	800.18	800.89	797.53	800.66	800.66	
G 5.0	798.75	795.59	798.80	800.48	802.55	796.61	798.74	796.72	798.50	798.84	801.87	795.35	797.98	797.98	
G 6.0	797.73	795.50	797.87	798.08	800.27	795.89	796.93	794.77	796.86	794.47	799.18	793.86	796.27	796.27	
G 7.0	794.35	794.36	794.17	794.13	797.69	793.84	795.61	792.24	794.78	791.78	795.99	793.00	793.87	793.87	
G 8.0	792.46	790.97	794.57	792.76	795.00	790.97	794.59	789.72	791.52	790.76	794.05	790.45	791.40	791.40	
G 9.0	790.25	789.02	790.85	790.23	791.77	788.38	791.01	787.18	788.50	787.58	789.79	787.32	788.83	788.83	
G 10.0	787.23	785.75	786.90	787.12	788.75	784.91	787.23	784.39	788.17	786.55	787.48	783.97	785.82	785.82	
G 11.0	783.10	782.33	783.28	783.28	784.85	781.55	783.72	781.18	780.90	783.08	784.24	779.65	781.35	781.35	
G 12.0	779.13	778.31	779.23	778.82	780.94	777.74	779.96	776.65	778.47	777.45	781.56	775.85	778.06	778.06	
G 13.0	776.01	773.91	775.53	774.81	776.95	773.54	775.56	771.95	774.13	772.72	776.81	771.86	773.68	773.68	
G 14.0	770.74	770.17	771.35	770.88	772.76	768.72	771.18	767.37	769.02	768.35	771.20	767.87	768.28	768.28	
G 15.0	766.18	765.40	766.24	765.43	768.23	762.94	764.33	762.14	762.39	763.87	764.95	762.62	762.92	762.92	
G 16.0	759.84	759.83	759.80	760.85	760.38	756.98	759.29	756.33	758.97	758.70	759.73	756.00	756.79	756.79	
G 17.0	754.39	753.14	754.28	755.04	756.56	751.54	753.28	749.76	752.03	752.35	753.27	749.39	750.97	750.97	
G 18.0	746.69	747.57	746.77	748.85	748.81	745.53	747.10	743.89	745.83	745.56	746.23	742.98	743.95	743.95	
G 19.0	741.25	740.29	740.29	740.86	744.08	737.68	739.96	736.51	738.52	738.82	739.75	736.32	737.53	737.53	
G 20.0	734.44	733.27	733.07	733.29	734.99	729.83	733.33	730.16	731.01	731.30	732.76	728.97	729.97	729.97	
G 21.0	726.95	725.63	726.22	726.34	726.94	723.94	725.14	722.23	723.53	723.84	724.21	720.51	721.25	721.25	
G 22.0	717.78	717.07	715.50	717.34	719.35	715.70	716.66	714.22	716.49	716.18	716.50	712.98	713.98	713.98	
G 23.0	708.32	706.78	708.72	708.83	711.03	707.67	708.24	705.86	706.78	706.78	707.88	704.28	704.94	704.94	
G 24.0	701.20	699.09	700.31	699.88	701.65	696.37	700.31	697.16	698.19	697.11	698.87	692.55	696.27	696.27	
G 25.0	691.18	689.56	690.51	691.60	693.84	687.21	690.18	687.10	689.34	688.48	688.66	684.87	687.04	687.04	
G 26.0	682.53	680.31	680.95	681.06	682.90	680.68	681.13	678.04	679.41	678.14	680.05	675.43	677.21	677.21	
G 27.0	671.70	671.95	672.31	671.10	672.60	670.48	671.65	666.82	667.20	669.25	668.54	665.27	667.35	667.35	
G 28.0	662.57	661.01	661.63	661.45	661.43	658.85	660.34	656.95	656.97	657.17	659.56	654.98	657.28	657.28	
G 29.0	651.62	650.68	651.53	651.16	651.56	648.47	649.49	646.68	646.70	647.10	649.11	643.91	645.75	645.75	
G 30.0	639.32	639.62	639.61	640.18	640.30	636.18	638.47	635.42	636.63	636.34	636.74	631.91	634.59	634.59	
G 31.0	629.13	627.69	630.40	627.66	629.41	626.19	626.38	623.37	625.41	623.67	626.17	621.80	622.18	622.18	
G 32.0	617.20	614.77	616.62	617.71	618.62	613.80	615.69	611.73	613.39	611.92	614.23	611.73	610.02	610.02	
G 33.0	605.59	603.09	604.76	604.90	605.30	603.32	603.47	599.12	601.97	601.66	601.93	599.78	599.50	599.50	
G 34.0	594.22	592.21	590.90	592.23	591.82	591.02	591.01	587.59	590.35	588.59	589.93	586.55	588.06	588.06	
G 35.0	582.22	578.84	580.42	579.58	580.80	579.63	578.26	574.74	576.63	576.47	575.62	573.29	573.95	573.95	
G 36.0	567.88	566.57	566.97	567.23	567.23	565.69	566.82	563.78	562.75	563.93	562.42	561.85	560.54	560.54	
G 37.0	554.69	554.33	554.38	553.92	553.96	553.47	552.41	551.23	550.51	550.32	550.41	547.84	548.47	548.47	
G 38.0	542.17	540.11	540.82	541.93	541.00	538.66	539.33	538.49	537.83	535.59	538.87	535.53	535.13	535.13	
G 39.0	527.30	528.03	527.53	527.09	527.46	524.86	525.37	523.24	525.62	525.15	522.98	521.41	520.46	520.46	
G 40.0	514.69	513.99	512.75	514.52	514.62	511.28	511.57	509.92	511.28	508.98	509.46	507.82	506.95	506.95	
G 41.0	500.28	498.88	499.61	499.72	498.95	499.71	497.78	496.75	496.29	497.33	497.24	493.56	492.83	492.83	
G 42.0	486.50	486.14	485.58	486.68	485.76	484.34	481.37	483.63	482.18	482.69	482.17	481.34	479.31	479.31	
G 43.0	471.87	472.30	472.05	472.41	471.95	470.56	471.54	469.49	468.92	468.30	468.01	466.47	465.37	465.37	
G 44.0	457.52	459.61	456.00	459.10	457.23	455.90	455.78	455.17	453.63	454.64	453.64	451.79	451.99	451.99	
G 45.0	442.86	445.07	443.44	443.71	444.54	440.59	440.28	439.73	441.59	439.82	439.79	437.17	437.52	437.52	
G 46.0	429.11	428.84	428.28	429.96	428.32	427.73	428.40	426.27	424.70	425.32	424.42	423.92	422.78	422.78	
G 47.0	414.55	415.36	413.31	414.78	415.39	414.63	411.91	411.91	409.75	410.39	411.39	409.93	406.97	406.97	
G 48.0	400.59	399.17	399.43	400.31	399.83	397.88	399.26	397.57	397.26	397.26	395.82	395.52	393.20	393.20	
G 49.0	385.64	386.99	386.66	386.17	385.63	385.77	383.20	382.24	382.25	383.40	381.73	381.84	381.50	381.50	
G 50.0	371.85	373.51	371.55	372.60	370.85	369.62	370.38	369.16	368.05	367.55	367.25	368.18	364.99	364.99	
G 51.0	357.79	358.96	356.56	357.91	353.78	356.79	352.92	354.85	354.94	355.53	354.46	352.73	351.14	351.14	
G 52.0	342.02	343.53	342.92	345.07	343.42	341.91	341.52	340.83	340.12	339.80	338.73	338.06	336.55	336.55	
G 53.0	329.29	330.42	328.58	328.78	327.38	328.02	327.72	326.32	324.56	325.99	325.64	324.48	322.14	322.14	
G 54.0	315.48	313.85	314.45	315.35	315.02	313.49	312.81	312.20	311.77	313.06	311.11	309.46	309.24	309.24	
G 55.0	299.95	300.87	300.93	301.51	299.76	299.38	298.57	298.28	296.23	297.81	297.31	296.97	295.38	295.38	
G 56.0	286.61	286.69	286.63	287.32	287.59	285.47	285.44	284.31	284.70	283.50	283.17	282.99	280.92	280.92	
G 57.0	274.46	274.47	272.59	273.60	272.99	272.89	271.72	271.60	270.70	271.19	268.79	268.01	267.86	267.86	
G 58.0	260.61	261.07	2												

Luminaire				Measurem.				Lamp			
Code	TRL-20250046			Code	TRL-20250046			Code	Lamp		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG Asymmetrical	

Luminous Intensity Table cd Table 5/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49	801.49
G 1.0	801.37	799.45	802.29	800.48	802.03	802.58	802.68	802.72	803.15	799.29	800.99	802.17	799.45
G 2.0	800.72	803.04	802.12	798.87	801.11	805.79	802.95	801.96	803.40	798.11	799.81	800.80	797.21
G 3.0	800.52	803.18	801.93	799.15	799.18	804.85	800.55	800.32	801.89	798.12	799.76	800.96	797.32
G 4.0	799.27	800.86	800.43	801.09	797.78	802.01	799.56	800.09	800.82	799.96	798.41	801.61	797.37
G 5.0	798.05	799.47	797.69	799.17	796.48	798.84	799.08	799.46	799.30	798.32	795.80	798.87	795.48
G 6.0	795.77	798.11	795.39	796.72	794.84	796.12	796.89	796.95	797.30	794.89	795.00	797.30	792.00
G 7.0	792.75	793.91	792.40	793.50	792.48	794.13	794.98	794.05	794.43	793.56	791.99	794.26	789.13
G 8.0	789.30	792.35	790.50	791.76	789.83	791.51	791.89	790.60	790.97	789.70	790.77	790.43	786.16
G 9.0	787.57	788.22	787.47	788.58	786.65	788.35	789.19	787.52	787.96	786.55	787.43	788.20	782.64
G 10.0	786.01	786.40	784.79	785.10	782.90	785.33	785.52	784.81	784.40	782.79	783.16	782.94	779.43
G 11.0	781.97	782.54	781.08	780.92	779.03	780.69	781.31	780.29	780.98	778.83	779.30	780.88	776.76
G 12.0	776.82	778.61	775.93	777.09	775.59	777.05	777.02	775.91	776.41	774.32	774.69	774.80	772.31
G 13.0	772.68	774.13	771.47	772.03	770.78	772.36	772.11	771.37	771.44	770.40	770.52	768.95	767.34
G 14.0	767.62	768.03	766.33	766.97	765.47	767.66	766.72	767.14	766.55	764.99	765.60	766.67	761.95
G 15.0	762.44	762.69	761.45	761.48	759.55	761.97	762.09	761.06	761.85	760.74	760.34	762.09	755.94
G 16.0	756.86	756.75	755.29	755.88	754.12	756.50	755.42	755.98	755.42	754.66	754.68	756.59	750.85
G 17.0	750.39	750.63	749.84	750.13	748.03	749.92	748.60	748.56	749.14	749.19	747.33	749.08	745.40
G 18.0	743.42	744.36	743.28	743.03	742.06	743.38	742.02	741.94	742.02	741.26	740.17	741.88	738.71
G 19.0	736.46	737.74	734.92	735.67	734.33	736.69	735.22	735.03	734.58	733.93	733.06	735.11	731.84
G 20.0	728.90	730.33	727.92	727.62	727.01	728.40	728.81	728.22	727.60	726.53	726.57	726.94	724.46
G 21.0	720.54	722.99	720.15	719.51	719.85	720.66	720.65	720.51	719.78	718.31	718.76	718.44	715.47
G 22.0	713.37	715.29	712.17	711.93	711.02	712.34	710.71	712.12	711.55	710.11	710.91	710.58	706.73
G 23.0	704.43	704.08	703.33	703.58	703.84	704.00	702.88	704.32	702.82	700.63	701.77	701.65	697.70
G 24.0	694.76	697.04	693.85	694.62	691.71	694.98	693.41	694.13	694.33	690.59	694.80	691.45	689.25
G 25.0	685.11	687.44	685.78	685.00	683.22	685.37	682.73	684.03	684.11	681.13	681.71	683.23	679.62
G 26.0	676.08	675.97	674.60	674.65	673.44	674.88	674.67	673.69	673.81	672.71	673.87	674.30	669.50
G 27.0	666.79	665.80	664.75	665.20	663.96	664.67	665.32	663.18	664.28	664.02	662.73	664.16	661.17
G 28.0	656.35	657.31	654.42	653.46	653.41	655.32	653.61	651.58	652.72	652.69	653.02	654.57	650.15
G 29.0	645.85	645.61	643.90	643.99	644.43	644.22	643.32	642.90	642.12	642.07	642.75	643.04	639.93
G 30.0	634.37	632.72	632.46	632.69	632.78	632.80	631.89	632.94	630.90	630.86	631.36	632.51	626.02
G 31.0	621.07	623.10	621.09	622.06	620.22	622.22	620.60	619.52	619.76	619.27	619.19	620.55	616.90
G 32.0	609.62	612.14	609.75	609.41	608.00	610.01	609.26	608.55	608.52	606.39	608.37	608.33	604.46
G 33.0	595.04	599.16	597.06	597.57	594.17	598.19	597.19	596.62	595.27	594.05	594.37	597.45	593.24
G 34.0	585.21	586.16	585.07	583.34	583.39	585.46	584.84	582.99	584.58	581.56	584.19	582.86	580.64
G 35.0	572.87	571.06	571.81	572.10	571.60	572.40	573.65	571.29	571.53	569.47	569.73	570.50	568.21
G 36.0	559.53	562.81	559.88	558.15	557.95	558.81	560.28	558.31	558.75	557.56	557.31	555.94	554.65
G 37.0	548.63	549.20	546.78	546.72	545.01	546.19	544.01	543.41	546.01	544.71	543.13	543.69	543.36
G 38.0	535.39	534.73	533.04	531.35	532.88	532.66	533.73	531.50	532.61	532.48	532.31	531.55	528.59
G 39.0	520.80	521.33	520.19	519.84	517.36	518.57	519.46	518.50	517.16	517.07	518.15	518.79	515.21
G 40.0	508.02	507.95	504.92	506.08	504.04	506.98	505.56	502.48	505.02	503.24	502.34	503.76	501.98
G 41.0	493.54	494.00	494.10	492.07	491.72	491.65	492.11	491.42	492.10	488.86	490.21	491.32	488.53
G 42.0	480.58	480.14	478.86	478.07	477.76	477.15	478.47	475.92	477.04	476.38	475.50	476.50	474.84
G 43.0	466.51	462.88	466.17	464.78	462.93	463.73	463.78	461.53	463.72	461.89	462.63	462.95	461.60
G 44.0	451.79	450.51	451.75	448.81	448.54	449.01	449.00	448.31	448.67	447.72	449.57	448.02	445.39
G 45.0	437.60	436.73	437.63	435.34	434.31	434.67	434.98	433.90	434.09	433.40	433.56	433.39	432.89
G 46.0	423.93	422.47	422.37	421.54	421.35	420.23	421.83	419.36	422.35	418.39	420.04	418.91	416.74
G 47.0	408.91	408.21	408.75	407.07	406.72	405.49	406.26	404.77	405.58	403.63	406.33	405.30	405.06
G 48.0	394.42	393.85	392.06	391.22	392.17	390.95	392.48	390.26	392.44	390.59	390.51	389.49	389.26
G 49.0	379.94	379.47	378.33	378.07	377.44	377.80	376.56	376.62	377.31	374.83	375.36	376.38	374.72
G 50.0	365.45	364.60	364.08	362.51	363.06	362.42	363.29	360.80	361.66	360.69	362.81	359.28	359.81
G 51.0	350.68	350.90	349.97	348.16	348.70	348.96	348.78	347.21	348.49	346.17	347.71	344.15	346.44
G 52.0	337.81	336.22	335.46	335.42	334.27	333.19	335.28	332.69	334.47	332.12	332.90	330.39	330.93
G 53.0	323.91	321.69	321.57	320.43	321.16	319.96	319.38	318.96	319.98	317.43	318.81	318.45	317.95
G 54.0	308.67	308.97	307.64	306.03	305.56	305.12	306.77	302.90	305.44	304.29	303.99	302.82	303.29
G 55.0	295.11	294.52	294.00	292.18	292.33	291.64	292.09	290.63	291.94	290.22	291.48	290.59	289.54
G 56.0	281.12	280.55	280.01	278.47	278.52	277.37	278.70	276.20	277.37	275.77	277.06	274.16	274.67
G 57.0	266.35	266.05	266.13	263.85	264.59	263.83	264.50	262.36	263.35	260.45	261.82	261.78	262.21
G 58.0	254.31	252.23	252.22	251.24	250.12	249.25	250.19	248.36	249.30	248.18	248.02	247.97	247.41
G 59.0	240.50	238.72	239.59	237.54	237.40	236.20	236.27	235.66	235.33	233.77	234.99	232.46	233.93
G 60.0	225.91	226.62	224.08	224.54	222.63	222.45	222.91	220.41	221.69	220.97	221.22	220.25	220.11
G 61.0	214.12	211.44	211.96	211.03	210.11	209.65	209.39	207.93	209.26	205.94	207.54	206.03	206.33
G 62.0	199.31	199.55	197.50	196.24	195.89	195.21	195.31	194.37	195.31	193.89	194.80	194.27	193.83
G 63.0	187.22	184.72	184.49	184.34	182.94	183.21	182.11	181.06	182.35	179.88	181.21	179.39	181.31
G 64.0	172.74	173.20	173.70	170.35	171.81	170.08	169.80	168.32	169.01	167.39	167.71	167.37	166.53
G 65.0	161.39	159.39	160.08	157.58	158.07	157.08	157.72	155.80	155.86	154.18	155.67	153.34	155.20
G 66.0	148.97	147.75	146.03	145.08	145.64	144.60	143.05	143.28	144.01	142.06	142.96	141.83	142.47
G 67.0	136.79	135.61	135.29	133.05	133.53	132.63	133.92	130.89	131.95	129.23	130.71	129.50	130.19
G 68.0	125.99	123.46	123.48	121.61	121.61	120.25	120.51	118.43	119.00	117.53	119.03	117.52	118.25
G 69.0	114												

Luminaire		Measurem.		Lamp	
Code	TRL-20250046	Code	TRL-20250046	Code	Led
Name	SPOT grande LED lente Opale	Name	SPOT grande LED lente Opale	Number	1
Line	Eulumdat	Date	11-02-2025	Position	

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd				Table 6/18				
	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00	
G 0.0	801.49	801.49	801.49	801.49	801.49	801.49	801.49	
G 1.0	797.91	801.73	799.76	800.94	801.51	800.33	801.62	
G 2.0	802.07	798.91	799.41	800.51	802.13	800.40	799.03	
G 3.0	804.11	796.69	802.68	798.60	801.90	800.40	800.85	
G 4.0	802.23	797.38	802.95	795.27	801.86	798.40	800.43	
G 5.0	799.57	797.45	800.23	792.82	800.13	798.08	799.86	
G 6.0	796.78	794.45	796.84	792.07	799.90	797.57	798.35	
G 7.0	792.95	791.59	793.30	792.47	794.44	793.90	795.02	
G 8.0	790.50	787.85	791.04	789.99	793.37	790.94	791.65	
G 9.0	786.69	784.81	786.97	785.57	789.60	787.25	787.32	
G 10.0	783.78	781.22	782.91	781.24	785.37	783.42	783.77	
G 11.0	778.51	777.90	778.73	777.66	781.22	779.32	780.28	
G 12.0	775.93	773.63	775.97	773.37	777.60	774.69	776.42	
G 13.0	770.91	769.03	770.32	769.04	773.70	770.36	770.87	
G 14.0	767.55	762.71	766.18	765.04	768.13	764.70	766.61	
G 15.0	761.56	758.30	759.61	758.99	762.24	761.30	761.40	
G 16.0	755.77	753.07	754.83	752.88	756.62	755.11	754.92	
G 17.0	749.51	746.81	748.52	746.42	750.30	748.71	747.64	
G 18.0	741.77	739.52	742.54	739.40	743.89	741.24	742.07	
G 19.0	735.63	732.41	734.61	732.71	736.06	732.06	735.30	
G 20.0	730.04	725.38	726.47	725.58	728.64	726.58	728.17	
G 21.0	720.16	716.79	719.78	718.52	720.71	718.08	719.43	
G 22.0	712.01	709.67	711.59	710.28	712.53	709.22	712.55	
G 23.0	702.21	700.37	702.35	701.27	705.35	702.25	702.95	
G 24.0	693.86	690.18	692.23	691.20	695.71	693.13	692.71	
G 25.0	683.32	680.28	684.03	680.77	685.97	683.63	683.84	
G 26.0	672.52	672.02	673.42	672.31	675.74	670.85	673.46	
G 27.0	663.65	661.49	665.50	662.68	664.93	663.49	664.26	
G 28.0	652.66	652.35	653.63	651.39	653.19	653.28	654.85	
G 29.0	642.38	641.02	643.51	641.74	643.85	643.24	641.62	
G 30.0	630.36	628.89	632.09	630.13	631.78	631.22	631.61	
G 31.0	618.42	617.48	620.80	618.02	621.30	620.23	621.01	
G 32.0	606.67	605.53	608.34	606.68	609.82	607.40	609.08	
G 33.0	596.75	592.29	594.98	595.41	597.38	595.49	596.08	
G 34.0	584.45	579.81	582.62	583.34	584.47	583.05	583.46	
G 35.0	571.14	568.50	570.73	566.93	572.43	570.90	571.53	
G 36.0	557.71	557.44	558.67	556.18	557.55	558.10	558.50	
G 37.0	545.02	543.19	545.06	541.62	546.09	546.13	546.63	
G 38.0	532.55	531.04	530.94	527.75	532.19	531.39	533.75	
G 39.0	517.98	518.21	517.84	514.54	519.20	517.07	518.03	
G 40.0	505.03	502.87	503.94	502.88	505.19	503.57	504.74	
G 41.0	489.01	490.49	490.79	488.97	489.91	489.74	491.14	
G 42.0	476.65	474.95	476.78	475.25	476.54	477.46	476.67	
G 43.0	462.76	461.93	461.72	462.26	462.58	460.95	461.21	
G 44.0	447.68	447.56	447.91	448.40	448.26	448.57	449.35	
G 45.0	433.40	433.15	434.08	433.79	435.19	434.63	433.76	
G 46.0	418.67	418.49	418.18	419.01	421.85	419.97	420.49	
G 47.0	403.84	403.71	405.01	404.13	405.70	405.81	404.83	
G 48.0	390.04	389.30	389.33	390.78	389.87	390.95	391.85	
G 49.0	375.74	375.87	376.36	375.20	377.47	376.98	375.52	
G 50.0	360.93	361.16	361.72	360.36	363.22	362.05	362.39	
G 51.0	346.07	346.70	347.38	346.94	348.79	349.06	349.67	
G 52.0	332.59	333.23	333.59	332.58	332.35	334.20	333.90	
G 53.0	316.97	318.72	317.96	319.01	319.31	320.44	319.43	
G 54.0	303.13	304.27	303.38	304.07	305.26	305.47	306.76	
G 55.0	288.86	290.13	290.03	290.76	290.88	291.93	291.37	
G 56.0	276.40	276.42	275.96	275.67	277.35	277.26	278.94	
G 57.0	261.76	263.03	263.55	263.21	263.30	263.68	263.62	
G 58.0	247.60	247.77	248.04	248.49	249.62	250.55	249.55	
G 59.0	233.72	233.99	233.88	235.51	235.66	236.33	236.34	
G 60.0	220.35	221.45	221.87	221.59	222.39	222.36	223.26	
G 61.0	206.70	207.70	207.26	208.64	208.80	210.69	209.85	
G 62.0	193.26	194.35	193.67	194.58	195.47	196.85	196.38	
G 63.0	179.92	181.03	181.74	181.63	182.46	183.41	183.36	
G 64.0	166.80	169.78	167.48	169.91	169.85	170.43	170.95	
G 65.0	155.05	155.62	155.81	156.17	156.99	157.34	158.56	
G 66.0	142.66	142.91	142.44	143.50	144.41	144.92	145.47	
G 67.0	130.17	130.70	130.22	131.20	132.23	134.01	133.53	
G 68.0	117.32	118.63	118.31	120.39	120.22	120.79	121.01	
G 69.0	105.98	108.15	107.76	108.77	107.12	110.38	111.11	
G 70.0	95.44	95.88	96.18	96.22	97.73	98.98	98.91	
G 71.0	84.80	85.18	85.11	86.75	87.38	88.25	88.62	
G 72.0	74.63	75.77	76.12	76.58	77.10	78.00	78.46	

Luminaire				Measurem.				Lamp			
Code	TRL-20250046			Code	TRL-20250046			Code	Led		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 7/18

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	72.12	73.94	74.61	75.68	75.32	76.40	74.96	76.63	77.29	78.00	77.49	78.45	77.68
G 74.0	63.43	64.52	65.06	65.95	66.74	66.72	65.76	66.92	66.51	68.33	67.79	67.91	68.22
G 75.0	54.60	56.28	56.07	57.02	57.21	57.82	56.49	57.63	57.95	59.26	58.74	59.38	59.27
G 76.0	46.46	47.86	47.71	49.30	48.92	49.16	48.26	49.14	49.24	50.75	50.11	49.83	50.43
G 77.0	38.75	40.08	39.74	40.67	40.93	41.11	39.75	41.10	42.01	43.37	41.81	42.07	42.32
G 78.0	31.62	32.63	33.08	33.91	33.46	33.81	32.85	32.68	34.39	35.74	34.88	34.39	34.56
G 79.0	25.14	26.12	25.86	27.14	26.83	27.18	26.04	26.65	27.32	27.90	27.22	27.85	28.54
G 80.0	19.66	20.17	20.57	21.14	21.37	21.16	20.12	20.61	20.94	21.99	21.49	21.59	21.83
G 81.0	14.31	14.85	14.80	15.76	15.93	15.86	15.16	15.37	15.27	16.22	15.87	16.48	16.76
G 82.0	9.72	10.35	10.64	11.39	11.09	11.66	11.28	10.98	10.71	11.36	11.23	11.73	12.14
G 83.0	5.80	6.53	6.40	7.09	6.78	7.35	7.31	7.44	7.18	7.58	7.46	8.12	8.52
G 84.0	3.39	3.64	3.58	4.16	4.08	4.39	4.48	4.39	4.39	4.56	4.64	5.00	5.42
G 85.0	2.18	2.16	2.16	2.39	2.41	2.46	2.50	2.61	2.62	2.66	2.86	3.14	3.03
G 86.0	1.45	1.44	1.44	1.49	1.52	1.60	1.50	1.58	1.62	1.66	1.70	1.82	1.88
G 87.0	0.88	0.89	0.92	0.95	0.93	0.97	0.97	0.98	0.96	1.02	1.06	1.14	1.23
G 88.0	0.53	0.55	0.57	0.61	0.59	0.60	0.59	0.62	0.57	0.65	0.64	0.69	0.72
G 89.0	0.37	0.39	0.39	0.44	0.42	0.40	0.40	0.37	0.39	0.43	0.42	0.49	0.50
G 90.0	0.26	0.31	0.34	0.36	0.35	0.34	0.33	0.32	0.29	0.25	0.25	0.27	0.30
G 91.0	0.23	0.27	0.27	0.30	0.33	0.29	0.27	0.28	0.22	0.27	0.22	0.22	0.23
G 92.0	0.20	0.25	0.24	0.30	0.27	0.25	0.25	0.24	0.21	0.22	0.20	0.20	0.19
G 93.0	0.20	0.22	0.22	0.28	0.27	0.25	0.22	0.21	0.20	0.18	0.17	0.16	0.19
G 94.0	0.20	0.21	0.19	0.24	0.27	0.22	0.23	0.20	0.17	0.16	0.15	0.15	0.16
G 95.0	0.19	0.19	0.19	0.23	0.26	0.22	0.21	0.18	0.16	0.15	0.13	0.12	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-20250046			Code	TRL-20250046			Code	Led
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1
Line	Eulumdat			Date	11-02-2025			Position	

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 8/18

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 73.0	80.04	80.04	81.33	80.70	81.56	80.97	80.94	80.06	81.55	79.91	80.97	80.02	80.57
G 74.0	70.36	70.31	71.48	70.27	71.73	71.16	71.34	69.61	71.57	70.05	71.06	70.57	70.90
G 75.0	60.23	60.86	62.15	62.42	62.38	61.29	63.00	61.46	61.56	61.28	62.19	60.80	61.75
G 76.0	52.19	52.90	53.43	52.85	52.92	53.36	53.17	52.74	53.69	52.11	53.25	53.13	53.10
G 77.0	44.40	44.11	45.10	45.42	45.34	44.56	45.67	44.65	45.10	44.99	45.26	44.25	44.70
G 78.0	36.83	37.34	37.50	37.80	38.20	37.50	37.80	37.19	37.51	36.91	37.18	37.43	37.77
G 79.0	29.95	30.07	31.08	30.65	30.31	30.49	31.03	30.15	30.56	30.44	30.67	30.31	30.18
G 80.0	23.78	24.04	24.51	24.29	24.64	24.19	24.45	24.23	24.41	24.61	24.22	23.97	24.28
G 81.0	18.19	18.94	18.99	18.61	18.90	18.51	18.84	17.98	18.76	18.56	18.70	18.28	18.09
G 82.0	13.31	13.38	13.92	13.51	14.11	13.57	13.75	13.44	13.75	13.23	13.53	13.62	13.51
G 83.0	9.20	8.72	9.13	9.19	9.57	9.34	9.49	9.25	9.49	9.10	9.25	9.09	9.33
G 84.0	5.65	5.47	5.78	5.54	6.03	5.74	6.12	5.84	6.06	6.07	6.16	6.09	6.03
G 85.0	3.25	3.33	3.45	3.59	3.79	3.74	4.06	4.03	4.09	4.19	4.32	4.26	4.30
G 86.0	2.06	2.14	2.37	2.44	2.60	2.76	2.83	2.85	2.96	3.03	3.17	3.14	3.13
G 87.0	1.35	1.43	1.51	1.57	1.74	1.75	1.91	1.88	2.00	2.00	2.19	2.09	2.18
G 88.0	0.78	0.82	0.94	1.01	1.12	1.22	1.32	1.39	1.46	1.53	1.60	1.61	1.65
G 89.0	0.55	0.59	0.69	0.73	0.90	0.96	1.06	1.13	1.20	1.27	1.34	1.37	1.39
G 90.0	0.31	0.30	0.34	0.40	0.38	0.44	0.45	0.43	0.44	0.45	0.45	0.44	0.41
G 91.0	0.23	0.23	0.24	0.22	0.23	0.21	0.23	0.21	0.23	0.22	0.24	0.23	0.23
G 92.0	0.20	0.18	0.17	0.20	0.18	0.20	0.18	0.19	0.19	0.20	0.19	0.20	0.19
G 93.0	0.17	0.17	0.15	0.18	0.17	0.18	0.17	0.19	0.15	0.18	0.17	0.19	0.19
G 94.0	0.15	0.14	0.14	0.14	0.15	0.14	0.16	0.13	0.13	0.13	0.15	0.15	0.15
G 95.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	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-20250046			Code	TRL-20250046			Code	Led		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 9/18

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 73.0	79.98	80.24	79.71	80.91	80.95	81.01	81.34	82.10	80.73	81.54	78.75	77.96	78.94
G 74.0	70.26	71.08	70.00	71.16	71.06	71.88	71.46	72.18	71.85	72.01	68.85	67.81	69.97
G 75.0	61.39	61.83	60.79	62.47	61.88	62.38	61.41	62.84	62.50	62.61	60.70	59.82	60.04
G 76.0	52.72	53.34	52.32	53.00	52.76	53.62	52.74	54.11	54.03	54.53	50.96	51.10	52.06
G 77.0	45.14	44.90	44.26	44.93	44.93	45.58	45.24	45.79	45.81	46.29	43.67	42.38	44.04
G 78.0	36.71	37.69	37.44	38.06	37.34	37.77	37.69	38.10	38.08	38.62	36.13	35.87	36.40
G 79.0	30.14	30.72	29.96	31.25	30.34	31.61	30.73	31.89	31.80	31.77	29.23	29.01	29.51
G 80.0	23.49	24.54	23.78	24.33	23.86	25.21	24.25	25.29	25.19	25.28	23.08	22.59	23.31
G 81.0	17.84	18.19	18.13	19.23	18.58	18.80	19.03	19.53	18.86	20.00	17.61	17.20	17.66
G 82.0	13.51	13.77	13.15	13.73	13.53	14.13	13.56	14.38	14.04	14.52	12.61	12.39	12.69
G 83.0	9.32	9.37	9.20	9.48	9.32	9.79	9.36	9.96	9.51	10.13	8.54	8.27	8.96
G 84.0	5.98	6.08	5.90	6.04	6.10	6.26	6.18	6.33	6.25	6.66	5.57	5.17	5.50
G 85.0	4.24	4.37	4.23	4.31	4.28	4.38	4.27	4.44	4.28	4.36	3.75	3.56	3.41
G 86.0	3.10	3.26	3.09	3.22	3.19	3.22	3.21	3.28	3.23	3.16	2.58	2.57	2.49
G 87.0	2.18	2.21	2.23	2.30	2.25	2.28	2.25	2.23	2.17	2.20	1.76	1.69	1.66
G 88.0	1.65	1.69	1.67	1.70	1.70	1.70	1.64	1.67	1.62	1.56	1.34	1.31	1.21
G 89.0	1.40	1.42	1.41	1.45	1.46	1.46	1.43	1.47	1.40	1.32	1.05	1.04	0.98
G 90.0	0.39	0.43	0.41	0.51	0.53	0.48	0.53	0.56	0.54	0.59	0.29	0.33	0.31
G 91.0	0.24	0.23	0.23	0.24	0.26	0.27	0.27	0.29	0.32	0.31	0.23	0.27	0.22
G 92.0	0.20	0.22	0.22	0.22	0.23	0.27	0.24	0.23	0.31	0.27	0.20	0.23	0.19
G 93.0	0.18	0.19	0.18	0.20	0.23	0.21	0.21	0.22	0.27	0.24	0.19	0.22	0.16
G 94.0	0.15	0.16	0.16	0.19	0.20	0.20	0.19	0.21	0.25	0.21	0.18	0.19	0.15
G 95.0	0.14	0.14	0.16	0.16	0.17	0.17	0.18	0.18	0.23	0.21	0.19	0.19	0.14
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-20250046			Code	TRL-20250046			Code	Led
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1
Line	Eulumdat			Date	11-02-2025			Position	

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 10/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 73.0	77.32	79.01	76.87	76.28	75.40	75.61	74.86	74.17	73.30	73.16	72.37	73.30	72.67
G 74.0	68.97	68.49	67.19	66.87	65.83	66.17	65.49	65.77	63.53	63.64	62.78	64.39	63.07
G 75.0	59.07	60.15	57.95	57.74	56.75	57.77	57.40	56.84	54.85	54.50	55.01	55.48	54.36
G 76.0	51.31	51.47	49.36	49.37	47.98	49.02	48.20	47.49	46.17	46.46	46.65	47.18	46.13
G 77.0	43.50	43.34	41.51	40.98	40.71	41.11	41.05	40.57	38.54	38.86	38.97	39.89	38.49
G 78.0	35.58	35.92	34.79	33.64	32.68	34.15	33.56	33.06	30.93	31.72	31.86	32.26	31.65
G 79.0	29.05	29.19	27.55	27.26	25.88	26.60	26.83	26.26	24.93	25.75	25.45	26.18	25.38
G 80.0	22.88	23.03	22.43	20.98	20.13	20.80	19.78	20.11	19.22	19.69	19.77	20.55	19.66
G 81.0	17.57	17.88	17.00	16.37	15.06	15.61	14.88	14.75	14.28	14.92	14.64	15.47	14.58
G 82.0	12.55	13.00	12.33	11.99	10.86	10.89	10.42	10.32	10.15	10.66	10.25	10.67	9.70
G 83.0	8.23	8.54	8.26	7.96	7.60	7.36	6.91	6.84	6.79	6.89	6.60	6.59	6.40
G 84.0	5.25	5.35	5.04	5.09	4.73	4.51	4.09	4.26	3.92	4.14	3.87	3.64	3.45
G 85.0	3.31	3.27	3.15	3.15	2.81	2.82	2.60	2.49	2.36	2.22	2.14	2.16	2.03
G 86.0	2.29	2.21	2.09	2.00	1.82	1.75	1.58	1.57	1.44	1.38	1.34	1.30	1.21
G 87.0	1.62	1.50	1.42	1.33	1.22	1.03	1.04	0.96	0.91	0.85	0.81	0.77	0.77
G 88.0	1.15	1.06	0.94	0.86	0.84	0.74	0.71	0.65	0.57	0.51	0.50	0.48	0.44
G 89.0	0.92	0.82	0.70	0.66	0.59	0.53	0.45	0.42	0.35	0.33	0.34	0.31	0.31
G 90.0	0.31	0.31	0.27	0.30	0.25	0.24	0.21	0.22	0.20	0.21	0.21	0.21	0.20
G 91.0	0.27	0.27	0.22	0.24	0.23	0.20	0.18	0.19	0.19	0.17	0.17	0.17	0.16
G 92.0	0.25	0.25	0.20	0.20	0.20	0.15	0.16	0.15	0.14	0.14	0.13	0.13	0.13
G 93.0	0.23	0.21	0.18	0.18	0.16	0.15	0.15	0.13	0.12	0.11	0.12	0.11	0.11
G 94.0	0.20	0.20	0.17	0.17	0.15	0.13	0.12	0.12	0.12	0.10	0.10	0.11	0.08
G 95.0	0.20	0.19	0.17	0.16	0.14	0.12	0.11	0.10	0.09	0.08	0.10	0.09	0.09
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp	
Code	TRL-20250046			Code	TRL-20250046			Code	Led
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1
Line	Eulumdat			Date	11-02-2025			Position	

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 11/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 73.0	72.47	70.92	70.57	68.83	69.08	67.67	67.74	66.58	66.58	65.35	66.31	64.45	66.06
G 74.0	63.20	61.97	61.65	59.95	59.88	59.41	58.93	57.87	57.53	56.35	56.71	56.15	56.25
G 75.0	54.37	52.79	52.74	51.50	51.29	50.19	50.42	48.77	49.45	48.72	49.30	47.71	48.66
G 76.0	46.42	44.91	44.62	43.49	43.23	42.70	42.25	40.90	42.04	40.96	41.49	40.79	40.64
G 77.0	38.74	37.12	37.41	36.65	35.71	35.43	34.94	34.31	34.08	32.98	33.50	33.13	33.49
G 78.0	31.69	30.86	30.09	29.84	28.92	28.54	28.21	27.66	27.89	27.11	27.30	26.99	27.64
G 79.0	25.25	23.99	24.15	23.30	23.22	22.37	22.02	21.29	21.79	21.01	21.25	20.67	20.71
G 80.0	19.50	18.48	18.39	17.57	17.58	16.82	17.02	16.28	16.15	15.59	15.66	15.20	15.80
G 81.0	14.42	13.84	13.51	12.59	12.48	11.85	11.77	11.01	11.27	10.78	10.82	10.42	11.05
G 82.0	9.80	9.27	8.78	8.46	8.30	8.00	7.58	7.50	7.22	6.75	6.87	6.71	6.66
G 83.0	5.91	5.74	5.34	5.10	4.91	4.53	4.56	4.24	4.34	4.07	4.13	3.96	3.97
G 84.0	3.15	3.11	3.02	2.86	2.80	2.77	2.75	2.69	2.66	2.60	2.68	2.50	2.59
G 85.0	1.99	1.88	1.92	1.86	1.90	1.79	1.81	1.77	1.79	1.69	1.82	1.76	1.84
G 86.0	1.22	1.23	1.21	1.21	1.18	1.14	1.16	1.12	1.12	1.10	1.17	1.12	1.11
G 87.0	0.71	0.70	0.67	0.63	0.63	0.64	0.65	0.63	0.65	0.63	0.67	0.64	0.66
G 88.0	0.46	0.43	0.45	0.43	0.46	0.44	0.41	0.41	0.43	0.40	0.41	0.44	0.42
G 89.0	0.32	0.30	0.29	0.30	0.31	0.30	0.31	0.27	0.29	0.27	0.27	0.29	0.27
G 90.0	0.22	0.18	0.20	0.18	0.20	0.18	0.19	0.20	0.19	0.19	0.20	0.20	0.22
G 91.0	0.17	0.16	0.15	0.16	0.16	0.15	0.16	0.16	0.15	0.16	0.17	0.17	0.19
G 92.0	0.13	0.12	0.15	0.13	0.13	0.12	0.13	0.15	0.15	0.15	0.14	0.15	0.16
G 93.0	0.12	0.10	0.12	0.12	0.12	0.10	0.11	0.11	0.14	0.13	0.13	0.15	0.15
G 94.0	0.09	0.09	0.10	0.08	0.10	0.09	0.10	0.11	0.09	0.13	0.11	0.12	0.13
G 95.0	0.09	0.08	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12
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-20250046	Code	TRL-20250046	Code	Led
Name	SPOT grande LED lente Opale	Name	SPOT grande LED lente Opale	Number	1
Line	Eulumdat	Date	11-02-2025	Position	

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd				Table 12/18			
	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	65.90	66.16	65.77	66.83	67.40	68.02	68.64
G 74.0	55.90	57.48	57.30	57.66	58.66	58.82	59.42
G 75.0	48.45	48.47	48.85	49.87	50.04	50.27	50.48
G 76.0	40.36	40.51	40.90	41.18	41.40	43.14	42.40
G 77.0	33.32	33.64	34.01	34.57	34.69	35.25	35.08
G 78.0	26.70	26.94	27.29	27.68	27.52	28.40	28.74
G 79.0	20.98	21.45	20.52	21.69	21.39	22.19	21.70
G 80.0	15.49	15.66	15.27	16.01	15.88	17.05	16.68
G 81.0	11.00	11.11	10.66	11.14	11.36	11.53	11.76
G 82.0	6.56	6.79	6.76	7.46	6.79	7.38	7.69
G 83.0	3.95	4.23	4.00	4.29	4.33	4.38	4.60
G 84.0	2.59	2.60	2.58	2.60	2.61	2.68	2.67
G 85.0	1.77	1.84	1.79	1.81	1.76	1.81	1.80
G 86.0	1.13	1.13	1.12	1.12	1.08	1.16	1.15
G 87.0	0.67	0.68	0.68	0.66	0.62	0.64	0.63
G 88.0	0.43	0.46	0.45	0.44	0.42	0.46	0.44
G 89.0	0.29	0.33	0.33	0.37	0.35	0.38	0.35
G 90.0	0.24	0.24	0.25	0.28	0.26	0.27	0.27
G 91.0	0.20	0.21	0.22	0.23	0.22	0.25	0.24
G 92.0	0.20	0.19	0.23	0.20	0.21	0.22	0.24
G 93.0	0.17	0.20	0.20	0.18	0.18	0.22	0.23
G 94.0	0.16	0.19	0.18	0.16	0.16	0.21	0.22
G 95.0	0.14	0.16	0.17	0.15	0.15	0.19	0.19
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-20250046			Code	TRL-20250046			Code	Led		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 13/18

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

Luminaire				Measurem.				Lamp			
Code	TRL-20250046			Code	TRL-20250046			Code	Led		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 14/18

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

Luminaire				Measurem.				Lamp			
Code	TRL-20250046			Code	TRL-20250046			Code	Led		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 15/18

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



Luminaire				Measurem.				Lamp			
Code	TRL-20250046			Code	TRL-20250046			Code	Led		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 16/18

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

Luminaire				Measurem.				Lamp			
Code	TRL-20250046			Code	TRL-20250046			Code	Led		
Name	SPOT grande LED lente Opale			Name	SPOT grande LED lente Opale			Number	1		
Line	Eulumdat			Date	11-02-2025			Position			

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

Luminous Intensity Table cd Table 17/18

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

<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>	
Code	TRL-20250046	Code	TRL-20250046	Code	Led
Name	SPOT grande LED lente Opale	Name	SPOT grande LED lente Opale	Number	1
Line	Eulumdat	Date	11-02-2025	Position	

Luminaire Flux	1810.96 lm	Luminaire Power	21.17 W	Efficacy	85.56 lm/W	Efficiency	100.01%
Lamps Flux	1810.84 lm	Maximum value	805.79 cd	Position	C=285.00 G=2.00	CG	Asymmetrical

**Luminous Intensity Table cd      Table 18/18**

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