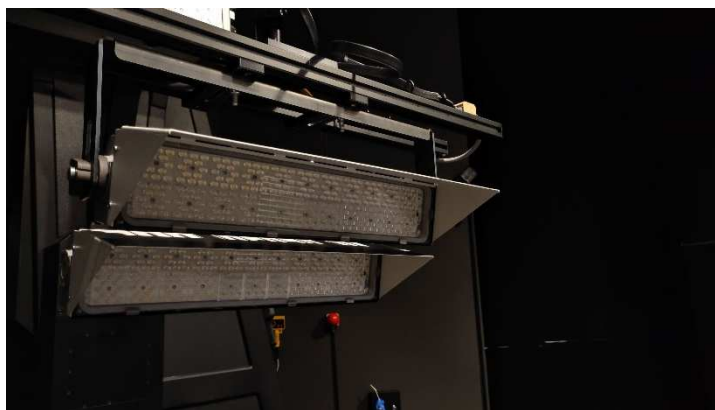


Photometric and Colorimetric Report



Manufacturer	AEC ILLUMINAZIONE SRL
Product type	Outdoor Lighting Luminaire
Photometry code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50
Luminaire code	25-109-02
Reference number	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50
Luminaire description	ALO 2 2T12 ASM 7040.350-44M ES 50
Date of test	08-08-2025
Date of issue	08-08-2025

Luminaire picture



Photometric laboratory manager	Luca Ginepri	
Photometric laboratory technician	Alessio Vagheggi	

Photometric and Colorimetric Report



Summary and Annex

Summary	Luminaire data	
	Reference standards	
	General conditions	
	Photometric data	
	Equipment	
Annex	General data	X
	Photometric table of intensity (cd/Klm)	
	Photometric table of intensity (cd)	X
	Polar diagram	
	Cartesian diagram	
	UGR Evaluation	
	Sollner diagram of glare	
	Zonal luminous flux	
	Utilization factors	
	Unitary isolux	
	Percentage isocandle	
	Luminance table and diagram	
	Street classification	
	IES TM-15 Street classification	

Photometric and Colorimetric Report



LUMINAIRE DATA

Luminaire shape	Rectangular		
Luminaire dimensions (mm)	Length / Diameter	Width	Height
	275	680	310
Luminous area dimensions (mm)	Length / Diameter	Width	C0 Height
	260	620	150
	C90 Height	C180 Height	C270 Height
	0	0	0
Source type	LED		
Source model	LUMILEDS LUXEON HL2Z		
Ballast type	Elettronic		
Ballast model	INVENTRONICS NFS-1K2D210BC		

REFERENCE STANDARDS

Reference standards	EN 13032-1:2012 EN 13032-4:2015 IES LM-79-19
Stray light evaluation	According to Annex A UNI EN 13032-1

Photometric and Colorimetric Report



GENERAL CONDITIONS

Environmental information	Ambient temperature (°C)	25
	Relative humidity (°RH)	< 60
	Air movement (m/s)	< 0.2
Electrical information	Power supply voltage (V)	230
	Power supply frequency (Hz)	50
	Harmonic distortion THD V (%)	< 0.5%
General information	Type of instrument	Goniophotometer
	Measurement type system	C-γ system (Gonio)
	Measurement position	According to IES LM-79, EN 13032-1 and EN 13032-4
	Stabilization time (min)	> 60
	Source instability (%)	< 0.5%

Photometric and Colorimetric Report



PHOTOMETRIC DATA

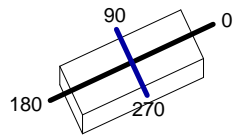
Data type	Absolute
LOR (%)	100.0
Luminaire luminous flux (lm)	81065
Luminaire input power (W)	534.2
Luminaire efficiency (lm/W)	152
BUG RATING	B4 U0 G5
CCT (K)	3998
CRI	73
Chromatic coordinates x,y	0.3815 0.3803
Duv	0.0014
Note and comments	

EQUIPMENT

AEC CODE	INSTRUMENT	MANUFACTURER	MODEL
Q601	Mirror goniophotometer	LMT	GO-DS 1600
Q623	Photometer-Unit with photometer head	LMT	SP 30 S0T-1S
Q603	Spectroradiometer	LMT	SM8117 GO-DS
Q611	Power meter	Yokogawa	WT310
Q613	AC Power source	Keysight	AC6803B

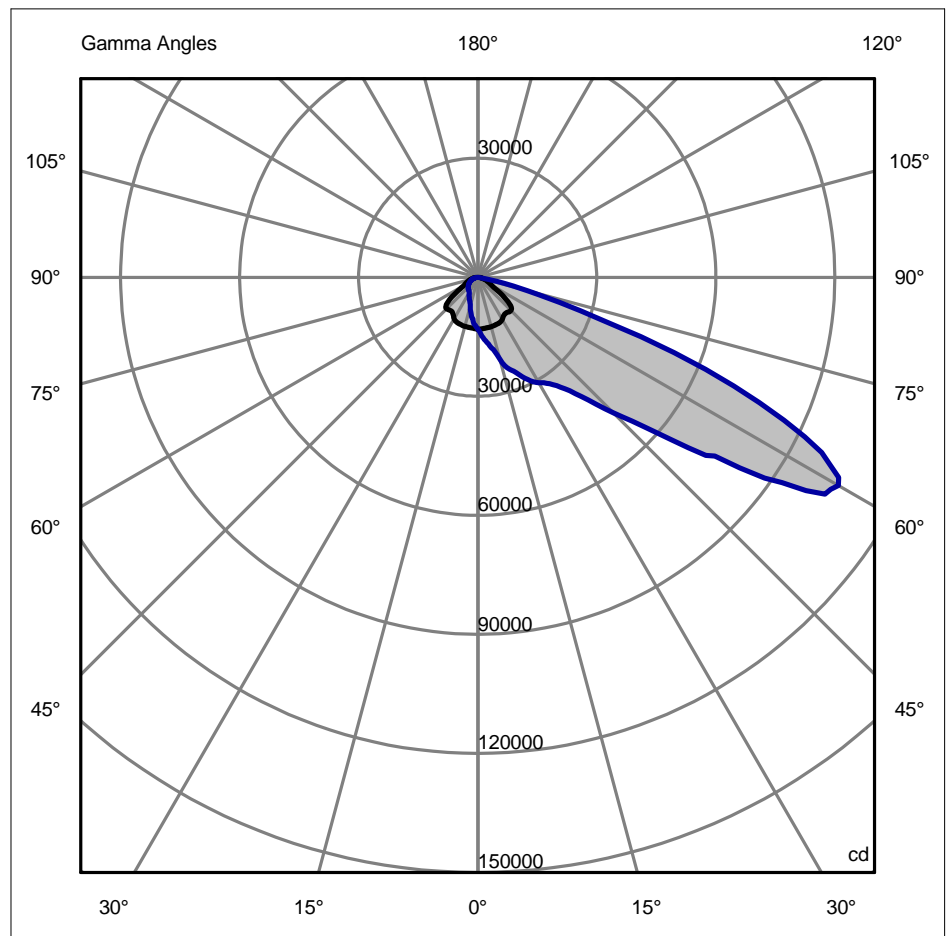
Luminaire				Measurem.		Lamp	
Code	25-109-02	Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50	Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50	Code	L-ALO2_ES_A_50-2T12-4000-350-44M
Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Number	1
Line	Eulmdat	Date	08-08-2025	Date	08-08-2025	Position	
Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	CG	Asymmetrical
Rectangular Luminaire		Length	275 mm	Width	680 mm	Height	310 mm
Rectangular Luminous Area		Length	260 mm	Width	620 mm	Height	22 mm
Horizontal Luminous Area		0.161200 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.039000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.076839 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		08-08-2025		Maximum Gamma Angle		180	
Luminaire Lamps							
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty		
	L-ALO2_ES_A_50-2T12-4000-350-44M	ALO 2 2T12 ASM 7040.350-44M ES 50	81064.54	534.20	1		
C.I.E.	30 69 97 100 100	D DIN 5040	A10				
F UTE	1.00 I	B NBN	BZ 7 / 0.8 / BZ 6 / 2 / BZ 5				

275mm x 680mm



C Halfplanes
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire				Measur.				Lamp							
Code	25-109-02			Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50			Code	L-ALO2_ES_A_50-2T12-4000-350-44						
Name	ALO 2 2T12 ASM 7040.350-44M ES 50			Name	ALO 2 2T12 ASM 7040.350-44M ES 50			Number	1						
Line	Eulumdat			Date	08-08-2025			Position							
Luminaire Flux		81064.54 lm		Luminaire Power		534.20 W		Efficacy		151.75 lm/W		Efficiency		100.00%	
Lamps Flux		81064.54 lm		Maximum value		104939.12 cd		Position		C=90.00 G=60.00		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	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09		
G 1.0	13093.82	13126.26	13158.32	13189.94	13220.84	13250.77	13279.48	13305.88	13330.55	13353.35	13374.08	13392.60	13408.77		
G 2.0	13074.24	13141.94	13209.23	13275.58	13339.98	13402.00	13461.02	13516.66	13568.80	13617.06	13662.02	13705.67	13743.88		
G 3.0	13045.44	13150.55	13257.10	13363.20	13466.47	13559.65	13648.74	13739.99	13827.23	13915.85	14002.81	14080.13	14147.83		
G 4.0	13016.31	13159.03	13308.74	13458.38	13588.86	13716.69	13845.47	13990.70	14132.48	14264.85	14383.06	14476.75	14560.72		
G 5.0	12992.92	13172.61	13365.48	13546.26	13708.94	13874.64	14075.53	14267.74	14438.22	14579.11	14705.49	14823.93	14938.58		
G 6.0	12975.45	13191.50	13423.66	13629.50	13829.15	14072.28	14315.23	14515.87	14693.13	14866.73	15042.43	15207.29	15350.73		
G 7.0	12961.22	13214.03	13480.72	13713.93	13969.77	14267.05	14518.26	14741.04	14972.46	15199.14	15399.14	15574.84	15730.47		
G 8.0	12947.78	13238.74	13534.18	13804.09	14120.77	14445.96	14720.83	15006.10	15281.50	15511.35	15716.19	15912.97	16077.40		
G 9.0	12933.76	13264.45	13590.66	13903.35	14261.71	14621.28	14960.75	15288.68	15560.20	15802.52	16046.82	16258.83	16430.23		
G 10.0	12919.91	13291.33	13654.08	14020.92	14435.26	14836.82	15221.77	15554.18	15835.93	16129.13	16406.49	16641.15	16866.98		
G 11.0	12910.90	13320.85	13725.54	14154.44	14623.33	15067.62	15481.01	15824.36	16155.65	16503.04	16815.12	17088.73	17334.77		
G 12.0	12902.68	13354.15	13804.50	14297.75	14818.55	15296.47	15733.90	16126.74	16520.18	16905.51	17226.13	17518.66	17798.13		
G 13.0	12895.42	13392.68	13890.58	14445.67	15007.08	15513.48	16001.61	16458.95	16898.23	17284.96	17632.09	17998.61	18324.44		
G 14.0	12888.64	13436.71	13982.03	14590.41	15178.41	15718.54	16284.66	16802.51	17263.52	17675.82	18112.07	18540.19	18848.10		
G 15.0	12879.12	13481.37	14072.55	14723.32	15332.15	15925.71	16578.07	17146.78	17644.61	18130.84	18666.27	19076.74	19419.38		
G 16.0	12863.14	13521.48	14155.52	14840.73	15472.52	16138.32	16883.23	17510.30	18081.81	18671.85	19241.28	19657.17	20094.04		
G 17.0	12841.27	13561.62	14224.06	14940.52	15609.67	16372.12	17207.19	17918.33	18590.19	19264.62	19852.57	20351.11	20920.68		
G 18.0	12816.86	13567.15	14273.99	15024.39	15755.73	16627.26	17560.75	18382.03	19159.32	19890.87	20566.62	21184.62	21836.21		
G 19.0	12792.89	13573.69	14312.10	15103.34	15923.38	16912.71	17950.43	18902.25	19774.30	20598.29	21390.09	22084.06	22672.54		
G 20.0	12773.00	13580.25	14351.67	15193.30	16114.81	17223.28	18379.93	19470.38	20450.47	21415.84	22256.59	22899.36	23395.02		
G 21.0	12758.40	13594.13	14404.84	15306.57	16334.68	17562.12	18843.79	20089.07	21209.81	22280.32	23042.14	23632.31	24101.23		
G 22.0	12745.46	13620.20	14483.59	15456.34	16585.23	17925.26	19342.19	20761.73	22020.45	23100.60	23780.13	24385.29	24847.43		
G 23.0	12731.36	13660.10	14591.09	15645.76	16867.02	18315.18	19868.61	21476.61	22817.81	23868.10	24543.88	25155.68	25581.55		
G 24.0	12711.28	13711.39	14721.88	15870.52	17179.84	18737.42	20429.56	22197.40	23569.75	24624.07	25291.20	25861.09	26256.36		
G 25.0	12683.22	13769.57	14872.16	16129.35	17530.10	19196.29	21012.03	22901.80	24281.88	25339.29	25938.39	26486.13	26840.86		
G 26.0	12638.91	13832.70	15037.30	16415.89	17923.16	19699.31	21613.08	23562.45	24942.63	25957.34	26509.63	27065.82	27412.36		
G 27.0	12582.23	13898.99	15216.74	16728.84	18360.49	20248.24	22212.57	24171.82	25527.86	26497.08	27080.46	27665.81	28051.77		
G 28.0	12502.55	13971.53	15413.57	17067.90	18836.39	20824.66	22795.39	24716.38	26028.59	27022.35	27668.64	28296.15	28712.77		
G 29.0	12403.33	14053.71	15631.89	17432.04	19341.28	21409.77	23344.32	25190.78	26475.53	27551.16	28243.98	28903.01	29343.72		
G 30.0	12260.13	14156.67	15874.65	17824.56	19867.24	21983.10	23852.96	25621.29	26905.32	28057.19	28782.86	29489.58	29972.40		
G 31.0	12095.08	14266.02	16147.74	18242.37	20401.99	22526.83	24322.29	26025.35	27318.52	28526.48	29298.39	30116.63	30612.02		
G 32.0	11925.11	14401.86	16451.69	18678.35	20932.99	23033.45	24753.97	26426.73	27696.57	28972.59	29832.14	30790.88	31170.62		
G 33.0	11782.42	14551.50	16781.65	19125.51	21446.98	23497.82	25149.20	26806.94	28025.71	29423.16	30410.65	31391.67	31616.02		
G 34.0	11665.79	14706.27	17137.74	19577.16	21930.21	23914.67	25507.03	27145.21	28302.60	29893.30	31012.15	31811.02	31952.67		
G 35.0	11573.90	14866.96	17518.54	20026.42	22370.78	24279.45	25821.37	27421.85	28545.87	30369.30	31562.90	32114.78	32280.30		
G 36.0	11505.04	15029.07	17904.51	20450.44	22751.93	24579.08	26080.10	27620.45	28755.39	30796.25	31990.05	32420.27	32669.96		
G 37.0	11460.86	15192.05	18261.86	20822.05	23057.36	24801.64	26268.55	27757.18	28945.88	31112.11	32287.76	32765.80	33111.44		
G 38.0	11448.89	15338.23	18563.90	21108.61	23270.01	24932.11	26372.35	27841.81	29089.94	31310.86	32510.27	33139.13	33593.54		
G 39.0	11466.67	15453.76	18781.92	21282.20	23372.12	24964.10	26386.06	27882.84	29189.79	31414.55	32708.75	33513.95	34133.05		
G 40.0	11523.91	15524.28	18899.01	21340.36	23367.83	24887.75	26313.13	27871.61	29226.82	31485.62	32891.19	33902.34	34759.66		
G 41.0	11619.06	15545.45	18921.50	21293.35	23251.04	24700.72	26160.73	27794.48	29194.96	31524.40	33055.76	34346.34	35492.72		
G 42.0	11710.70	15523.89	18850.82	21154.54	23038.98	24394.58	25936.39	27633.60	29101.43	31524.52	33223.05	34874.01	36340.53		
G 43.0	11776.62	15454.13	18695.53	20935.84	22737.74	23977.77	25644.54	27381.54	28947.00	31461.27	33441.66	35005.67	37334.95		
G 44.0	11810.46	15324.35	18451.14	20638.86	22353.74	23482.97	25292.42	27054.10	28739.47	31355.29	33269.07	34624.30	38508.21		
G 45.0	11807.96	15118.03	18121.95	20253.97	21888.66	22940.03	24889.04	26667.92	28490.16	31276.26	33222.82	37118.94	39816.13		
G 46.0	11737.79	14827.17	17708.32	19784.18	21336.40	22376.92	24443.98	26242.04	28213.58	31293.79	34786.17	38078.71	41153.39		
G 47.0	11567.81	14450.40	17210.64	19228.32	20692.55	21810.52	23971.06	25808.73	27966.61	31445.23	35423.08	39107.48	42412.44		
G 48.0	11287.54	13989.88	16633.59	18593.07	19977.48	21250.48	23483.42	25405.14	27829.31	31712.55	36066.62	40135.87	43551.26		
G 49.0	10894.42	13451.28	15974.64	17895.97	19230.81	20697.13	22989.22	25064.71	27877.35	32067.97	36638.60	41052.68	44621.68		
G 50.0	10381.62	12839.13	15251.83	17160.72	18489.36	20165.68	22505.33	24807.24	28099.96	32448.11	37068.49	41791.53	45691.20		
G 51.0	9758.04	12161.02	14479.58	16397.10	17788.82	19680.08	22068.80	24643.94	28380.24	32743.96	37331.69	42398.12	46783.04		
G 52.0	9061.13	11431.13	13679.09	15618.96	17146.08	19256.60	21728.39	24595.30	28602.08	32850.47	37442.70	42978.23	48047.14		
G 53.0	8334.70	10663.33	12871.66	14830.40	16556.70	18904.95	21519.85	24679.73	28685.57	3273					

Luminaire			Measur.			Lamp								
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44							
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1							
Line	Eulumdat		Date	08-08-2025		Position								
Luminaire Flux		81064.54 lm	Luminaire Power		534.20 W	Efficacy		151.75 lm/W	Efficiency		100.00%			
Lamps Flux		81064.54 lm	Maximum value		104939.12 cd	Position		C=90.00 G=60.00		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	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	
G 1.0	13422.45	13433.40	13441.76	13447.47	13450.49	13450.81	13448.29	13443.09	13435.26	13424.86	13411.96	13396.48	13378.67	
G 2.0	13776.36	13802.35	13822.09	13835.14	13841.34	13841.07	13833.63	13819.96	13799.95	13773.95	13742.57	13705.84	13664.50	
G 3.0	14205.54	14251.68	14286.39	14309.24	14320.24	14319.46	14306.68	14282.23	14246.14	14198.59	14139.93	14070.44	13993.31	
G 4.0	14632.59	14692.48	14740.15	14774.38	14793.96	14797.86	14785.03	14755.86	14710.78	14650.51	14575.92	14486.39	14380.33	
G 5.0	15035.74	15120.36	15186.23	15232.93	15260.24	15268.15	15246.98	15204.91	15144.03	15066.43	14974.04	14869.40	14752.24	
G 6.0	15478.01	15581.91	15659.40	15713.93	15743.56	15746.54	15720.84	15668.59	15591.53	15491.61	15369.57	15229.72	15082.35	
G 7.0	15856.91	15953.15	16018.81	16060.19	16079.60	16078.99	16058.74	16017.98	15954.81	15866.83	15751.28	15607.27	15430.85	
G 8.0	16205.14	16309.17	16412.38	16491.37	16540.27	16557.39	16534.12	16471.97	16376.20	16254.12	16120.86	15968.81	15790.61	
G 9.0	16590.13	16758.65	16883.48	16965.54	17012.52	17027.67	17010.39	16956.52	16860.22	16719.45	16540.80	16352.51	16156.47	
G 10.0	17077.20	17243.17	17373.74	17471.27	17533.68	17554.72	17530.31	17462.38	17354.87	17207.53	17016.51	16780.40	16533.84	
G 11.0	17545.34	17725.73	17873.39	17984.13	18052.23	18073.66	18045.25	17968.77	17845.78	17678.60	17473.47	17240.10	16938.65	
G 12.0	18043.29	18240.62	18399.57	18521.62	18586.17	18600.71	18572.14	18494.36	18358.81	18178.33	17948.62	17667.43	17379.42	
G 13.0	18572.79	18809.15	19027.55	19185.00	19257.37	19265.60	19229.49	19133.19	18958.07	18726.61	18462.98	18169.80	17822.64	
G 14.0	19151.67	19489.32	19790.87	19996.73	20104.35	20125.09	20069.79	19928.49	19690.73	19364.66	19012.19	18672.20	18318.48	
G 15.0	19826.39	20251.46	20611.31	20873.92	21059.32	21122.42	21022.34	20802.44	20506.99	20111.17	19655.86	19215.17	18808.58	
G 16.0	20604.23	21077.11	21454.62	21844.71	22259.01	22452.20	22216.61	21764.33	21345.71	20944.57	20438.29	19891.02	19372.21	
G 17.0	21477.61	21899.19	22260.53	22683.19	23116.68	23311.70	23074.73	22602.48	22144.05	21751.36	21312.26	20736.80	20098.44	
G 18.0	22326.53	22700.10	23035.17	23398.86	23770.92	23927.94	23712.33	23299.22	22915.61	22551.62	22123.52	21621.96	20951.54	
G 19.0	23092.34	23478.57	23806.82	24125.72	24426.75	24544.18	24359.12	24001.28	23655.58	23325.66	22900.32	22404.21	21802.27	
G 20.0	23813.07	24225.96	24540.53	24781.44	24918.69	24925.27	24855.41	24665.54	24382.95	24059.54	23636.23	23145.68	22582.24	
G 21.0	24522.83	24912.91	25191.39	25405.73	25434.76	25355.02	25347.56	25274.95	25052.58	24766.69	24370.28	23894.75	23343.39	
G 22.0	25226.32	25585.34	25853.15	26045.40	26044.30	25971.26	25965.26	25908.27	25707.56	25451.28	25105.06	24668.23	24138.55	
G 23.0	25945.29	26279.67	26524.34	26693.29	26708.49	26636.15	26638.11	26593.33	26387.05	26136.70	25811.19	25406.82	24941.71	
G 24.0	26612.82	26942.21	27208.23	27426.79	27463.15	27349.69	27368.55	27333.73	27102.70	26775.04	26471.03	26060.67	25666.27	
G 25.0	27211.01	27589.12	27910.58	28162.04	28203.02	28063.23	28104.44	28057.39	27796.51	27389.72	27067.47	26658.95	26294.29	
G 26.0	27834.52	28269.52	28567.98	28804.15	28832.90	28687.58	28759.34	28704.24	28446.74	28041.53	27690.49	27262.02	26887.50	
G 27.0	28529.62	28964.71	29200.16	29406.75	29427.46	29255.17	29374.50	29292.19	29082.68	28763.66	28397.33	27904.48	27493.91	
G 28.0	29233.33	29613.11	29819.72	29973.66	30009.14	29822.76	29975.49	29862.71	29700.89	29477.42	29121.43	28545.42	28117.06	
G 29.0	29890.20	30214.60	30380.51	30451.52	30492.98	30301.15	30450.14	30361.91	30288.11	30124.22	29797.20	29153.13	28720.58	
G 30.0	30484.53	30751.12	30837.29	30841.41	30864.73	30682.25	30856.77	30744.65	30783.98	30671.08	30422.83	29780.77	29318.83	
G 31.0	31007.33	31172.14	31207.21	31199.68	31172.07	31014.69	31170.00	31104.20	31208.55	31101.46	30981.05	30484.24	29969.00	
G 32.0	31436.49	31512.20	31526.40	31521.31	31546.90	31347.14	31543.87	31429.81	31560.81	31501.49	31447.67	31140.55	30676.76	
G 33.0	31787.85	31876.61	31911.16	31930.70	32012.19	31825.53	31988.04	31848.80	31922.78	31849.69	31840.21	31637.43	31353.95	
G 34.0	32139.10	32288.61	32371.99	32449.64	32547.99	32344.47	32495.75	32335.77	32375.12	32224.87	32185.61	32007.26	31911.34	
G 35.0	32563.28	32786.34	32936.81	33062.02	33200.45	33009.36	33143.89	32940.38	32930.60	32713.88	32576.83	32362.60	32341.74	
G 36.0	33078.38	33366.39	33668.85	33785.17	33969.28	33771.55	33916.23	33644.56	33601.67	33312.09	33082.91	32761.01	32718.53	
G 37.0	33657.81	34002.61	34395.02	34631.24	34860.07	34631.05	34797.12	34450.66	34350.22	33949.30	33678.04	33323.33	33109.28	
G 38.0	34281.08	34723.50	35276.05	35550.58	35870.08	35628.38	35780.17	35401.61	35215.68	34658.90	34322.48	33752.49	33527.39	
G 39.0	35012.46	35588.02	36347.19	36687.75	37058.31	36771.67	36961.01	36511.62	36251.96	35505.90	35064.17	34329.64	33942.28	
G 40.0	35888.39	36643.06	37633.32	38029.55	38505.66	38198.75	38396.15	37836.93	37489.04	36503.28	35926.39	34974.27	34335.01	
G 41.0	36903.75	37914.31	39103.69	39585.24	40187.50	39812.32	40061.55	39350.05	38960.59	37731.37	36924.42	35707.70	34750.82	
G 42.0	38087.17	39396.58	40771.49	41351.16	42034.34	41620.50	41925.26	41074.17	40628.91	39208.35	38119.36	36572.97	35266.25	
G 43.0	39479.06	41075.07	42636.09	43349.12	44137.56	43712.47	44004.06	43052.01	42486.96	40888.64	39536.13	37658.06	35943.67	
G 44.0	41049.16	42890.73	44662.50	45489.84	46379.05	46047.70	46225.65	45156.51	44477.73	42713.66	41181.82	39071.67	36855.99	
G 45.0	42695.78	44786.19	46745.69	47661.33	48672.40	48334.27	48521.17	47328.82	46511.83	44610.07	43025.02	40824.98	38088.91	
G 46.0	44285.68	46625.87	48744.48	49799.35	50983.60	50710.04	50837.88	49461.74	48461.03	46439.77	44859.70	42774.65	39493.33	
G 47.0	45742.27	48325.45	50746.17	52001.89	53385.80	53183.10	53235.59	51618.12	50421.94	48154.20	46404.87	44514.63	40694.04	
G 48.0	47151.58	50038.00	52881.69	54461.70	56186.19	56085.92	55998.22	54040.59	52557.46	49915.58	47673.15	45591.70	41410.15	
G 49.0	48627.31	51928.48	55369.98	57388.76	59631.92	59507.67	59426.88	56906.29	54982.30	51837.73	48952.35	46038.49	41763.44	
G 50.0	50124.15	54016.41	58194.92	60737.24	63635.12	63602.42	63329.36	60126.56	57698.64	53873.98	50390.96	46387.56	42091.78	
G 51.0	51749.06	56349.19	61414.92	64696.21	68180.88	68216.11	67817.11	63973.39	60723.10	55969.94	51944.03	47095.28	42548.05	
G 52.0	53820.75	59142.96	65168.35	69055.08	72295.49	72878.45	72128.13	68318.72	64460.18	58412.85	53692.74	48206.80	43045.30	
G 53.0	55814.86	61573.58	67184.94	71141.66	74751.14									

Luminaire			Measur.			Lamp								
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44							
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1							
Line	Eulumdat		Date	08-08-2025		Position								
Luminaire Flux		81064.54 lm	Luminaire Power		534.20 W	Efficacy		151.75 lm/W	Efficiency		100.00%			
Lamps Flux		81064.54 lm	Maximum value		104939.12 cd	Position		C=90.00 G=60.00		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	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	
G 1.0	13358.65	13336.60	13312.68	13287.07	13259.91	13230.30	13199.62	13168.13	13136.08	13103.76	13071.36	13037.97	13005.08	
G 2.0	13618.94	13572.72	13524.06	13472.51	13418.16	13358.66	13296.61	13232.62	13165.46	13097.69	13030.38	12966.64	12903.92	
G 3.0	13911.71	13822.66	13735.50	13652.97	13568.31	13485.25	13399.06	13297.34	13193.09	13085.95	12981.63	12891.18	12805.31	
G 4.0	14261.51	14130.03	13987.27	13850.48	13715.07	13602.01	13488.66	13370.80	13224.81	13076.25	12934.74	12819.41	12721.91	
G 5.0	14614.09	14460.24	14283.82	14093.99	13899.51	13717.01	13576.20	13434.29	13264.26	13074.38	12897.53	12759.67	12648.36	
G 6.0	14928.54	14761.19	14570.01	14353.48	14116.10	13876.10	13667.44	13496.52	13308.43	13080.64	12870.77	12711.92	12577.93	
G 7.0	15242.12	15046.60	14839.11	14605.15	14338.61	14053.02	13783.16	13563.82	13353.51	13093.25	12851.76	12666.06	12508.95	
G 8.0	15580.84	15352.01	15114.14	14856.81	14563.84	14239.84	13915.17	13639.41	13393.53	13110.52	12837.54	12617.77	12438.33	
G 9.0	15934.80	15678.23	15405.48	15121.21	14800.57	14438.32	14064.88	13725.94	13435.21	13131.16	12825.51	12571.39	12368.37	
G 10.0	16292.92	16021.20	15709.09	15392.22	15052.01	14653.07	14227.04	13829.67	13482.25	13155.48	12814.52	12520.43	12291.47	
G 11.0	16655.35	16368.21	16033.79	15662.75	15306.33	14881.84	14406.08	13948.09	13537.69	13184.97	12805.87	12464.54	12209.83	
G 12.0	17027.90	16709.22	16368.53	15953.35	15541.41	15113.84	14595.66	14078.47	13603.73	13220.59	12794.84	12409.83	12120.52	
G 13.0	17449.53	17071.87	16693.38	16269.87	15775.53	15332.04	14788.79	14219.88	13683.14	13263.08	12782.86	12349.23	12027.15	
G 14.0	17929.40	17501.83	17039.94	16587.12	16028.04	15535.45	14975.25	14368.78	13776.22	13311.02	12772.45	12290.06	11928.17	
G 15.0	18402.39	17977.09	17447.52	16908.66	16308.22	15720.12	15145.70	14512.54	13873.05	13357.52	12764.86	12228.43	11830.59	
G 16.0	18895.16	18439.74	17894.42	17269.01	16604.57	15912.01	15295.50	14641.21	13962.36	13395.82	12750.97	12166.03	11738.03	
G 17.0	19492.16	18939.75	18345.88	17670.39	16914.11	16122.56	15429.26	14744.76	14032.23	13419.64	12729.84	12105.52	11649.86	
G 18.0	20211.47	19558.15	18836.08	18090.47	17252.06	16349.78	15553.24	14817.84	14074.70	13424.72	12704.94	12045.28	11560.34	
G 19.0	21010.58	20274.81	19426.10	18536.00	17617.63	16596.89	15684.56	14871.64	14097.97	13420.19	12678.10	11985.24	11455.31	
G 20.0	21815.47	21035.68	20112.42	19046.72	18006.41	16864.07	15836.13	14928.70	14119.95	13415.42	12653.51	11919.04	11321.01	
G 21.0	22608.06	21820.93	20850.65	19634.07	18431.16	17162.58	16019.42	15009.16	14157.27	13417.35	12632.31	11841.30	11158.50	
G 22.0	23411.06	22638.42	21622.13	20277.52	18902.81	17489.69	16241.70	15133.84	14226.17	13429.54	12608.06	11745.99	10961.51	
G 23.0	24218.16	23474.26	22427.31	20958.76	19419.26	17854.76	16506.38	15307.26	14329.79	13453.20	12579.16	11628.41	10713.65	
G 24.0	24978.05	24279.64	23245.52	21671.41	19972.54	18258.23	16808.38	15520.67	14458.79	13487.22	12544.11	11479.49	10403.87	
G 25.0	25661.23	25012.02	24030.14	22400.42	20554.00	18700.31	17148.99	15767.77	14605.96	13528.37	12504.17	11289.93	10031.29	
G 26.0	26280.02	25658.51	24737.99	23116.70	21157.44	19187.14	17528.70	16037.32	14763.88	13577.72	12450.64	11044.90	9620.41	
G 27.0	26872.63	26240.11	25373.27	23787.45	21770.88	19717.40	17948.56	16326.79	14929.99	13635.91	12382.16	10742.05	9221.41	
G 28.0	27458.61	26788.70	25948.02	24397.77	22378.91	20281.89	18409.52	16640.78	15110.30	13703.49	12282.45	10394.95	8874.31	
G 29.0	28029.48	27324.40	26477.97	24957.10	22973.87	20876.16	18909.01	16983.27	15311.52	13779.57	12155.29	10033.46	8601.77	
G 30.0	28586.65	27847.95	26970.76	25486.71	23555.79	21494.39	19447.89	17362.70	15537.37	13862.63	11986.65	9694.09	8399.98	
G 31.0	29143.94	28342.92	27446.41	25997.11	24127.06	22125.96	20016.45	17779.09	15791.36	13947.25	11790.29	9394.58	8250.18	
G 32.0	29722.01	28790.64	27897.30	26494.92	24678.95	22746.33	20598.56	18224.38	16073.20	14032.77	11576.67	9157.37	8123.05	
G 33.0	30331.21	29195.57	28298.03	26959.13	25188.60	23331.13	21173.65	18689.24	16379.01	14116.57	11369.81	8971.42	8001.25	
G 34.0	30950.25	29580.90	28646.01	27369.61	25634.45	23854.50	21722.36	19164.62	16709.17	14197.64	11185.04	8817.66	7882.06	
G 35.0	31531.41	29966.10	28942.90	27708.97	25996.45	24298.86	22227.48	19642.93	17065.03	14286.62	11038.00	8692.31	7772.04	
G 36.0	32028.31	30364.39	29211.10	27965.39	26272.08	24651.16	22666.97	20104.27	17434.40	14385.09	10926.80	8606.02	7674.28	
G 37.0	32419.54	30743.14	29451.13	28149.86	26458.92	24909.58	23019.94	20525.12	17789.37	14493.80	10849.86	8550.31	7579.80	
G 38.0	32712.92	31052.71	29645.42	28266.15	26555.59	25061.00	23265.63	20879.74	18110.54	14599.71	10813.56	8523.36	7464.95	
G 39.0	32960.35	31258.98	29765.44	28317.38	26566.18	25108.30	23385.66	21148.00	18374.50	14698.56	10807.42	8514.83	7308.22	
G 40.0	33186.52	31354.63	29787.94	28298.09	26497.60	25053.37	23393.14	21318.41	18563.92	14788.47	10833.45	8513.83	7099.80	
G 41.0	33369.17	31377.27	29713.64	28202.57	26359.49	24906.54	23290.96	21381.36	18669.87	14869.12	10902.08	8507.90	6868.47	
G 42.0	33569.73	31361.70	29556.33	28021.68	26161.45	24673.23	23097.26	21325.28	18677.14	14931.41	10992.13	8488.94	6605.14	
G 43.0	33787.91	31333.36	29338.30	27754.53	25902.40	24358.07	22812.80	21135.46	18578.33	14958.33	11082.39	8455.74	6293.20	
G 44.0	34032.38	31307.95	29091.34	27419.24	25572.93	23960.85	22441.41	20813.42	18355.17	14931.49	11155.95	8397.26	6000.06	
G 45.0	34350.69	31295.94	28846.54	27034.57	25164.45	23480.55	21989.61	20369.73	18017.49	14831.09	11189.24	8294.33	5738.16	
G 46.0	34773.08	31312.53	28630.41	26619.54	24667.93	22917.80	21462.13	19844.01	17585.91	14648.42	11159.06	8128.16	5482.47	
G 47.0	35319.84	31391.52	28455.74	26197.93	24110.44	22286.13	20876.50	19258.94	17074.86	14388.25	11044.52	7885.90	5225.57	
G 48.0	35928.43	31581.19	28328.00	25796.33	23538.23	21626.09	20247.63	18640.80	16492.14	14048.99	10831.08	7565.33	4970.45	
G 49.0	36526.51	31930.72	28251.62	25442.82	22999.48	20972.72	19586.62	17985.12	15839.87	13620.97	10511.58	7177.83	4730.39	
G 50.0	37044.56	32399.12	28230.10	25159.71	22535.20	20358.53	18898.45	17288.34	15122.81	13093.84	10086.30	6742.20	4518.91	
G 51.0	37424.15	32807.29	28268.12	24959.53	22157.10	19806.26	18180.31	16541.79	14355.72	12473.76	9559.74	6278.05	4342.30	
G 52.0	37630.02	32972.51	28371.60	24852.63	21872.05	19318.94	17443.77	15756.65	13563.08	11780.88	8943.95	5806.09	4198.09	
G 53.0	37693.20	32820.01	28458.98	24842.52	21676.33	18902.30	16716.95	14949.71	127					

Luminaire		Measur.							Lamp				
Code	25-109-02	Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50					Code	L-ALO2_ES_A_50-2T12-4000-350-44				
Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Name	ALO 2 2T12 ASM 7040.350-44M ES 50					Number	1				
Line	Eulumdat	Date	08-08-2025					Position					
Luminaire Flux		81064.54 lm	Luminaire Power		534.20 W	Efficacy		151.75 lm/W		Efficiency		100.00%	
Lamps Flux		81064.54 lm	Maximum value		104939.12 cd	Position		C=90.00 G=60.00		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	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09
G 1.0	12972.90	12941.65	12911.54	12882.87	12857.45	12833.61	12811.52	12791.34	12773.23	12757.33	12743.73	12732.47	12723.79
G 2.0	12843.91	12790.29	12738.21	12688.66	12648.25	12610.35	12575.24	12544.24	12518.51	12496.37	12477.85	12462.74	12451.39
G 3.0	12730.25	12658.18	12592.83	12530.25	12471.75	12418.23	12367.04	12321.37	12282.46	12247.43	12218.36	12195.45	12178.72
G 4.0	12630.58	12542.32	12452.12	12364.24	12276.31	12196.12	12123.80	12060.89	12006.48	11959.31	11925.12	11900.32	11883.11
G 5.0	12537.58	12419.89	12296.96	12173.67	12060.53	11964.66	11876.98	11799.29	11734.78	11691.62	11667.55	11653.64	11635.19
G 6.0	12441.23	12296.04	12147.51	12000.86	11865.31	11735.63	11593.27	11476.21	11389.43	11319.67	11265.50	11208.67	11159.17
G 7.0	12347.59	12176.48	12001.36	11829.20	11638.74	11412.28	11220.97	11077.75	10955.09	10841.20	10733.70	10649.74	10592.14
G 8.0	12253.14	12056.83	11853.17	11612.82	11322.44	11072.19	10867.60	10683.82	10525.30	10401.03	10345.29	10313.03	10312.27
G 9.0	12158.39	11936.05	11674.44	11342.19	11028.65	10756.09	10503.74	10314.62	10208.02	10149.02	10110.44	10097.76	10083.71
G 10.0	12059.05	11791.38	11453.70	11086.90	10738.10	10414.09	10194.57	10066.45	9961.23	9864.58	9783.83	9710.51	9639.13
G 11.0	11944.28	11617.69	11230.36	10827.96	10418.47	10128.63	9961.50	9805.00	9645.67	9501.23	9372.15	9257.18	9167.40
G 12.0	11812.72	11433.45	11014.78	10542.86	10135.95	9894.94	9694.02	9477.62	9279.79	9110.87	8960.81	8841.46	8761.93
G 13.0	11673.12	11257.19	10791.81	10258.53	9878.70	9626.79	9367.26	9124.58	8923.98	8740.74	8578.95	8457.82	8380.90
G 14.0	11534.30	11095.17	10545.36	9979.13	9610.32	9321.37	9043.20	8814.70	8604.47	8399.43	8220.12	8080.61	7986.10
G 15.0	11408.37	10926.06	10276.21	9701.10	9342.57	9034.49	8770.37	8532.89	8285.37	8041.28	7833.77	7685.63	7586.72
G 16.0	11290.33	10720.42	10001.12	9458.48	9093.41	8776.78	8501.44	8219.82	7919.41	7636.82	7426.17	7283.89	7177.79
G 17.0	11159.63	10486.80	9762.41	9242.52	8840.23	8500.37	8193.50	7860.41	7499.99	7198.86	6993.78	6858.45	6772.22
G 18.0	10999.73	10253.88	9559.75	9004.85	8540.72	8184.70	7846.49	7452.04	7053.37	6762.07	6582.77	6483.24	6427.51
G 19.0	10803.61	10035.00	9315.84	8687.26	8196.34	7840.51	7466.67	7018.41	6628.52	6386.08	6257.36	6193.60	6174.52
G 20.0	10587.35	9801.13	9020.62	8313.56	7834.93	7474.01	7055.06	6601.61	6276.57	6102.70	6017.63	5985.80	6006.08
G 21.0	10345.46	9505.13	8647.32	7930.29	7473.81	7086.55	6646.71	6252.05	6015.17	5895.73	5839.70	5836.33	5863.91
G 22.0	10055.48	9141.28	8246.07	7571.50	7114.37	6702.41	6288.78	5986.31	5829.58	5739.46	5692.33	5687.84	5712.53
G 23.0	9704.94	8748.62	7877.27	7248.56	6768.24	6363.56	6016.58	5807.28	5691.05	5599.56	5547.19	5543.59	5560.30
G 24.0	9310.15	8375.05	7561.70	6951.59	6463.54	6091.94	5821.62	5679.25	5563.00	5468.68	5416.39	5399.42	5402.24
G 25.0	8916.08	8049.61	7291.10	6679.51	6208.58	5885.23	5692.95	5560.96	5442.13	5352.30	5281.68	5244.08	5229.71
G 26.0	8572.66	7773.02	7049.25	6430.45	5997.34	5738.15	5578.70	5444.19	5331.33	5228.02	5134.94	5079.46	5050.11
G 27.0	8292.65	7532.07	6822.75	6206.46	5829.08	5621.01	5464.84	5327.50	5211.34	5091.04	4983.73	4914.07	4875.55
G 28.0	8067.18	7313.96	6601.27	6006.80	5693.19	5505.10	5347.24	5203.89	5079.91	4946.67	4832.07	4754.04	4710.38
G 29.0	7875.62	7106.33	6381.16	5831.53	5570.59	5385.00	5219.88	5076.22	4940.30	4803.87	4686.78	4608.30	4561.99
G 30.0	7695.76	6899.02	6163.80	5673.18	5444.03	5260.48	5092.76	4946.12	4803.86	4666.30	4555.81	4475.24	4424.64
G 31.0	7514.94	6681.44	5951.86	5523.80	5312.26	5135.49	4969.62	4815.99	4673.69	4540.67	4436.92	4356.56	4307.25
G 32.0	7330.67	6445.61	5744.09	5378.32	5180.86	5014.81	4846.33	4696.25	4548.16	4427.25	4325.60	4256.83	4212.11
G 33.0	7143.28	6194.82	5544.08	5242.16	5057.16	4895.53	4725.10	4577.66	4430.80	4314.14	4224.85	4166.51	4124.19
G 34.0	6950.87	5939.96	5365.22	5117.96	4940.39	4775.26	4611.60	4459.01	4314.53	4207.56	4133.98	4083.77	4043.52
G 35.0	6751.39	5697.09	5219.86	5002.03	4824.33	4654.89	4499.85	4338.43	4202.00	4117.69	4056.28	4010.77	3976.83
G 36.0	6543.32	5482.40	5106.95	4888.88	4710.18	4534.43	4382.12	4218.47	4107.40	4037.80	3988.13	3948.03	3926.27
G 37.0	6323.41	5302.33	5007.94	4774.63	4596.91	4412.52	4257.87	4106.56	4024.89	3964.31	3921.77	3902.55	3883.58
G 38.0	6092.06	5152.44	4905.61	4661.60	4480.30	4299.74	4135.80	4009.92	3941.06	3892.52	3876.52	3863.37	3861.53
G 39.0	5851.75	5023.98	4792.60	4551.30	4357.77	4170.57	4022.19	3920.81	3861.20	3839.18	3838.66	3837.81	3842.28
G 40.0	5611.89	4908.09	4675.59	4441.65	4237.05	4057.22	3921.48	3836.18	3799.17	3796.70	3805.87	3813.31	3811.59
G 41.0	5383.60	4798.37	4562.48	4331.30	4123.51	3950.14	3833.55	3764.49	3750.43	3762.21	3775.94	3778.38	3770.82
G 42.0	5177.65	4693.00	4453.47	4220.80	4014.28	3851.04	3754.86	3708.38	3708.27	3734.94	3742.37	3733.77	3721.12
G 43.0	5000.76	4591.75	4344.58	4111.22	3906.72	3761.86	3683.81	3661.68	3682.63	3703.53	3697.92	3676.71	3655.79
G 44.0	4848.43	4491.06	4234.16	4000.95	3803.59	3677.85	3622.68	3619.85	3656.05	3661.70	3641.49	3610.62	3583.03
G 45.0	4712.13	4384.79	4122.29	3885.54	3705.14	3598.18	3567.68	3587.21	3616.98	3610.68	3575.99	3537.70	3513.76
G 46.0	4583.13	4270.93	4010.03	3767.91	3609.72	3523.82	3520.87	3552.31	3568.32	3548.12	3506.66	3464.44	3441.12
G 47.0	4456.25	4152.76	3898.08	3655.54	3519.67	3458.50	3480.09	3509.42	3509.07	3475.07	3437.30	3391.87	3366.62
G 48.0	4334.98	4035.53	3785.70	3551.61	3437.44	3401.91	3440.30	3458.20	3437.79	3405.06	3366.40	3320.13	3293.47
G 49.0	4222.26	3920.96	3673.42	3455.56	3365.28	3355.65	3400.08	3394.13	3363.49	3330.67	3296.14	3248.92	3216.69
G 50.0	4116.68	3808.23	3562.92	3364.56	3299.17	3314.95	3352.29	3322.19	3291.27	3252.54	3222.40	3175.86	3139.71
G 51.0	4013.49	3694.36	3454.26	3276.37	3238.63	3273.09	3290.57	3249.90	3215.27	3171.18	3143.19	3100.21	3064.27
G 52.0	3905.95	3578.32	3347.81	3191.40	3185.93	3223.68	3220.61	3178.11	3138.64	3090.92	3066.32	3025.66	2990.82
G 53.0	3790.46	3460.35	3243.99	3113.10	3137.79	3164.22	3146.48	3103.02	3061.30	3014.78	2987.65	2953.71	2922.15
G 54.0	3668.09	3341.96	3143.40	3042.25	3088.00	3097.73	3071.15	3024.09	2986.52	2937.1.16			

Luminaire			Measuram.			Lamp		
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
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Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09
G 1.0	12717.79	12714.51	12714.00	12716.10	12720.91	12728.34	12738.28	12750.60	12765.08	12781.68	12800.27	12820.70	12842.80
G 2.0	12443.46	12438.99	12438.31	12440.56	12446.56	12455.94	12468.66	12485.06	12504.82	12528.17	12555.05	12589.37	12629.44
G 3.0	12167.93	12162.31	12162.63	12166.83	12176.74	12191.35	12211.22	12236.46	12266.87	12302.43	12341.93	12387.52	12438.70
G 4.0	11872.95	11869.05	11870.72	11868.70	11874.80	11889.38	11912.74	11945.07	11987.07	12041.94	12102.08	12165.09	12233.33
G 5.0	11660.45	11669.71	11676.12	11676.61	11674.58	11675.13	11684.13	11707.34	11735.94	11782.62	11853.18	11936.55	12024.60
G 6.0	11121.95	11099.21	11092.31	11100.11	11124.85	11166.11	11222.40	11289.32	11357.63	11443.70	11541.79	11665.76	11808.69
G 7.0	10549.82	10524.39	10516.62	10525.16	10551.48	10594.92	10654.28	10742.14	10856.62	10985.43	11129.67	11315.27	11524.12
G 8.0	10321.99	10332.31	10338.23	10332.51	10322.60	10313.95	10317.02	10354.24	10418.55	10551.17	10724.01	10929.84	11177.59
G 9.0	10082.67	10088.60	10094.98	10093.62	10091.15	10093.03	10104.83	10116.18	10157.53	10229.76	10357.68	10567.72	10842.61
G 10.0	9578.47	9538.50	9527.39	9547.95	9596.22	9662.84	9736.00	9804.12	9875.91	9969.85	10091.19	10252.90	10506.32
G 11.0	9109.32	9079.24	9073.32	9088.91	9128.38	9195.11	9291.81	9409.88	9530.74	9658.53	9811.57	9993.82	10210.51
G 12.0	8720.51	8706.37	8708.44	8718.34	8743.70	8794.69	8880.81	9003.06	9154.37	9315.64	9491.60	9704.32	9950.83
G 13.0	8337.80	8319.80	8319.24	8329.60	8358.78	8414.81	8504.51	8633.04	8792.90	8970.75	9161.73	9385.95	9660.78
G 14.0	7927.04	7895.61	7889.49	7905.91	7948.45	8020.58	8130.13	8285.07	8468.96	8662.69	8860.16	9080.46	9379.94
G 15.0	7514.41	7467.29	7451.63	7473.39	7529.61	7616.25	7735.50	7905.58	8128.65	8367.17	8586.07	8806.77	9076.99
G 16.0	7102.86	7059.37	7046.21	7063.60	7113.69	7200.08	7324.22	7491.33	7723.97	8015.25	8291.88	8534.93	8806.87
G 17.0	6724.07	6698.06	6689.44	6695.90	6724.25	6783.58	6891.65	7052.09	7277.90	7586.93	7934.48	8230.70	8516.01
G 18.0	6402.89	6393.07	6389.43	6386.29	6392.65	6420.89	6493.01	6622.46	6829.99	7130.64	7512.91	7875.91	8189.17
G 19.0	6195.95	6229.53	6243.48	6217.43	6176.20	6155.02	6183.75	6266.57	6423.92	6686.70	7069.88	7483.11	7829.86
G 20.0	6049.54	6086.06	6097.53	6072.07	6024.95	5978.21	5964.78	6007.94	6106.56	6299.03	6633.48	7067.20	7450.42
G 21.0	5900.82	5928.70	5935.36	5912.09	5872.37	5832.19	5808.95	5821.02	5881.58	6004.45	6254.42	6650.66	7060.21
G 22.0	5739.70	5755.28	5756.98	5742.51	5715.17	5682.19	5661.74	5669.80	5716.19	5800.59	5962.28	6281.45	6681.99
G 23.0	5573.77	5574.70	5570.48	5566.41	5556.85	5536.50	5519.24	5528.96	5575.80	5654.24	5764.68	5996.24	6353.52
G 24.0	5399.69	5385.35	5375.88	5381.44	5390.21	5385.33	5376.50	5393.04	5446.83	5527.15	5627.18	5784.55	6087.44
G 25.0	5212.84	5192.32	5181.28	5186.68	5204.12	5217.87	5225.29	5255.86	5323.38	5407.21	5508.99	5637.81	5870.83
G 26.0	5028.13	5007.17	4994.78	4996.31	5011.34	5035.17	5064.12	5111.40	5195.58	5292.42	5391.98	5514.65	5698.49
G 27.0	4848.67	4826.11	4816.40	4823.32	4839.35	4861.21	4901.69	4966.26	5060.96	5169.79	5274.39	5397.69	5557.72
G 28.0	4681.38	4657.59	4646.12	4654.58	4676.85	4702.31	4743.36	4820.41	4923.15	5040.18	5150.49	5277.37	5430.52
G 29.0	4531.35	4509.97	4500.17	4502.53	4519.94	4550.11	4592.61	4671.92	4783.45	4904.32	5023.23	5149.90	5305.48
G 30.0	4391.56	4374.04	4370.44	4374.68	4387.78	4415.97	4460.70	4532.74	4643.37	4767.36	4893.84	5021.79	5177.75
G 31.0	4275.13	4256.02	4248.81	4257.56	4277.15	4304.17	4346.23	4412.94	4510.16	4635.32	4762.40	4896.47	5050.54
G 32.0	4178.05	4149.41	4135.29	4148.01	4176.39	4208.06	4243.62	4302.13	4389.72	4507.68	4637.54	4773.56	4925.95
G 33.0	4089.45	4060.35	4046.10	4058.87	4085.90	4120.01	4154.88	4198.44	4275.84	4384.27	4517.75	4653.87	4803.11
G 34.0	4015.13	3991.79	3981.23	3993.69	4014.53	4036.82	4072.88	4109.75	4169.91	4265.51	4398.97	4535.80	4684.07
G 35.0	3955.61	3939.30	3932.58	3937.00	3953.26	3969.33	3994.64	4032.29	4079.36	4154.91	4279.84	4419.81	4568.74
G 36.0	3910.03	3899.11	3892.04	3895.97	3904.42	3914.31	3928.00	3958.55	3997.60	4059.45	4162.84	4303.36	4449.10
G 37.0	3882.07	3870.76	3859.61	3867.98	3877.40	3877.47	3879.55	3889.68	3920.52	3970.18	4050.10	4185.33	4327.21
G 38.0	3858.31	3847.03	3843.39	3846.77	3854.32	3852.51	3842.70	3839.33	3848.74	3882.87	3946.32	4067.30	4206.31
G 39.0	3835.01	3822.55	3810.96	3820.44	3828.67	3827.22	3813.63	3799.11	3792.71	3806.02	3849.75	3951.35	4086.72
G 40.0	3803.56	3782.48	3770.41	3784.92	3799.37	3795.86	3787.60	3764.82	3749.14	3741.64	3767.06	3843.66	3970.11
G 41.0	3754.21	3730.49	3721.76	3731.41	3751.65	3755.44	3749.25	3737.60	3712.52	3687.12	3699.15	3750.55	3860.86
G 42.0	3694.58	3668.93	3656.90	3665.21	3687.30	3704.73	3702.67	3701.43	3680.56	3648.84	3636.35	3673.15	3761.21
G 43.0	3627.18	3600.15	3583.92	3598.25	3619.18	3640.35	3648.06	3654.79	3648.66	3621.05	3580.83	3603.56	3670.53
G 44.0	3559.90	3530.78	3510.94	3525.88	3550.66	3566.67	3582.76	3599.90	3609.83	3586.92	3543.48	3536.64	3584.22
G 45.0	3492.33	3460.61	3437.97	3455.42	3481.91	3498.69	3513.39	3536.52	3558.66	3546.85	3512.96	3477.66	3500.77
G 46.0	3417.79	3384.20	3364.99	3383.25	3408.36	3426.24	3441.75	3468.44	3494.87	3503.86	3474.59	3431.15	3422.58
G 47.0	3342.77	3311.93	3292.02	3309.04	3333.74	3347.14	3367.49	3395.14	3423.49	3446.38	3429.02	3389.98	3355.37
G 48.0	3267.98	3238.88	3219.04	3238.91	3260.86	3275.93	3292.14	3322.55	3350.84	3374.00	3377.88	3347.94	3298.07
G 49.0	3191.97	3167.20	3146.07	3167.34	3185.96	3199.71	3221.23	3255.60	3272.41	3300.58	3315.10	3304.08	3249.90
G 50.0	3119.49	3100.52	3073.09	3094.51	3113.69	3123.30	3145.95	3183.04	3198.01	3226.50	3248.56	3254.95	3205.97
G 51.0	3042.42	3021.97	3000.11	3022.39	3037.53	3050.45	3072.38	3103.14	3122.20	3150.27	3179.28	3196.75	3161.57
G 52.0	2968.02	2950.16	2927.14	2948.36	2961.43	2976.29	2999.74	3026.90	3042.36	3079.70	3102.59	3132.60	3113.48
G 53.0	2896.83	2883.27	2854.16	2876.71	2889.75	2905.43	2925.14	2953.43	2968.01	3005.71	3024.09	3059.72	3057.18
G 54.0	2822.32	2804.76	2781.19	2804.18	2812.03	2830.43	2851.99	2874.11	2894.54	2926.39	2947.82	2979.80	2992.46
G 55.0	2749.68	2731.88	2708.21	2729.94	2735.60	2753.06	2777.17	2794.12	2817.62	2848.73	2868.58	2899.52	2919.88
G 56.0	2670.81	2658.99	2627.13	2652.86	2661.60	2684.59	2701.83	2722.19	2739.63	2769.30	2787.68	2821.46	2841.83
G 57.0	2595.91	2586.38	2562.26	2583.77	2589.20	2615.16	2625.31	2649.43	2665.55	2693.05	2710.74	2744.42	2762.55
G 58.0	2523.48	2512.52	2489.28	2506.48	2514.07	2539.14	2546.45	2571.16	2591.63	2615.01	2634.69	2666.68	2683.89
G 59.0	2448.59	2433.28	2408.20	2430.97	2434.59	2464.32	2470.39	2493.63	2515.13	2536.40	2556.43	2589.12	2605.65
G 60.0	2369.69	2359.64	2335.22	2353.64	2360.36	2386.68	2397.09	2421.78	2434.83	2458.73	2476.55	2510.38	2526.70
G 61.0	2294.55	2285.61	2262.25	2284.36	2287.43	2312.47	2323.03	2347.09	2353.32	2380.99	2395.56	2430.01	2443.07
G 62.0	2215.54	2206.33	2181.16	2206.65	2207.30	2238.37	2243.54	2269.87	2274.57	2303.34	2317.76	2348.38	2355.91
G 63.0	2135.38	2131.15	2108.19	2131.26	2127.04	2158.03	2163.61	2193.63	2198.18	222			

Luminaire		Measur.		Lamp	
Code	25-109-02	Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50	Code	L-ALO2_ES_A_50-2T12-4000-350-44
Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Number	1
Line	Eulumdat	Date	08-08-2025	Position	

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09	13095.09
G 1.0	12866.42	12891.40	12922.35	12954.90	12988.57	13023.12	13058.29	13095.09
G 2.0	12672.81	12719.13	12768.87	12820.44	12873.47	12937.64	13005.58	13095.09
G 3.0	12494.56	12555.77	12627.59	12703.60	12780.33	12858.08	12949.29	13095.09
G 4.0	12309.86	12394.79	12486.56	12584.66	12687.48	12789.63	12895.62	13095.09
G 5.0	12116.53	12220.33	12336.85	12462.06	12591.45	12721.20	12866.07	13095.09
G 6.0	11936.34	12057.56	12190.70	12338.05	12491.86	12648.36	12802.45	13095.09
G 7.0	11725.84	11900.31	12056.79	12221.41	12397.07	12572.10	12757.74	13095.09
G 8.0	11459.33	11705.79	11920.24	12110.34	12305.65	12500.08	12706.19	13095.09
G 9.0	11143.64	11470.25	11752.91	11994.37	12213.15	12430.95	12654.20	13095.09
G 10.0	10854.71	11214.92	11554.37	11855.62	12110.95	12356.29	12606.65	13095.09
G 11.0	10540.93	10965.55	11355.17	11694.09	11996.14	12269.78	12556.29	13095.09
G 12.0	10252.96	10689.20	11152.11	11529.17	11870.50	12176.45	12506.26	13095.09
G 13.0	9982.06	10411.92	10937.53	11370.81	11739.00	12078.34	12442.36	13095.09
G 14.0	9696.94	10136.11	10706.09	11214.68	11607.98	11977.85	12377.09	13095.09
G 15.0	9434.61	9854.65	10455.55	11055.52	11485.26	11876.41	12311.21	13095.09
G 16.0	9166.23	9599.24	10191.02	10870.20	11371.39	11777.69	12245.01	13095.09
G 17.0	8888.50	9354.47	9939.32	10654.95	11251.54	11686.91	12179.97	13095.09
G 18.0	8569.82	9103.66	9688.35	10426.86	11108.25	11599.13	12116.77	13095.09
G 19.0	8208.69	8767.49	9425.37	10196.80	10925.37	11501.94	12057.38	13095.09
G 20.0	7827.04	8377.21	9132.38	9938.12	10710.41	11383.20	11998.44	13095.09
G 21.0	7448.89	7973.90	8739.83	9606.66	10455.98	11235.20	11932.39	13095.09
G 22.0	7082.56	7597.47	8317.48	9201.06	10140.33	11046.08	11850.29	13095.09
G 23.0	6741.27	7270.42	7933.77	8769.83	9754.35	10798.13	11744.21	13095.09
G 24.0	6452.71	6982.25	7620.20	8373.45	9322.19	10480.45	11606.82	13095.09
G 25.0	6215.51	6745.48	7367.90	8047.85	8901.31	10093.24	11429.27	13095.09
G 26.0	6004.31	6483.73	7145.39	7790.70	8552.39	9664.03	11193.66	13095.09
G 27.0	5812.35	6254.60	6923.24	7573.35	8286.47	9252.10	10897.22	13095.09
G 28.0	5642.11	6034.64	6690.35	7366.09	8082.95	8903.07	10558.30	13095.09
G 29.0	5496.52	5825.91	6451.19	7152.48	7908.52	8637.20	10208.56	13095.09
G 30.0	5360.33	5630.64	6212.84	6934.11	7736.19	8441.65	9885.94	13095.09
G 31.0	5226.02	5453.55	5978.50	6714.21	7558.57	8291.71	9603.72	13095.09
G 32.0	5094.32	5293.05	5745.57	6487.89	7380.77	8158.40	9373.84	13095.09
G 33.0	4971.18	5149.75	5517.14	6248.12	7207.92	8033.62	9178.54	13095.09
G 34.0	4853.91	5023.70	5309.78	5993.71	7037.17	7924.52	9002.57	13095.09
G 35.0	4735.77	4909.21	5139.64	5736.59	6858.41	7838.37	8854.25	13095.09
G 36.0	4618.82	4797.98	5007.24	5497.08	6661.74	7770.85	8761.96	13095.09
G 37.0	4501.90	4683.01	4894.90	5288.85	6441.40	7705.99	8721.67	13095.09
G 38.0	4382.20	4563.84	4786.58	5110.62	6200.24	7618.67	8725.07	13095.09
G 39.0	4262.19	4445.79	4673.85	4953.24	5947.82	7490.72	8749.19	13095.09
G 40.0	4146.23	4331.28	4559.47	4811.29	5690.52	7315.81	8779.19	13095.09
G 41.0	4035.03	4222.46	4448.34	4684.41	5438.63	7099.29	8806.33	13095.09
G 42.0	3926.03	4116.68	4341.28	4570.81	5200.41	6848.86	8829.15	13095.09
G 43.0	3816.34	4009.65	4235.29	4465.52	4983.65	6573.37	8852.24	13095.09
G 44.0	3708.66	3898.69	4128.22	4363.25	4791.80	6279.91	8856.48	13095.09
G 45.0	3606.75	3783.15	4020.27	4257.79	4623.21	5972.59	8803.83	13095.09
G 46.0	3509.90	3665.75	3908.38	4146.14	4471.73	5652.41	8656.97	13095.09
G 47.0	3417.31	3552.23	3793.07	4029.66	4330.18	5327.83	8392.29	13095.09
G 48.0	3331.27	3445.65	3677.43	3912.24	4198.34	5013.16	8008.71	13095.09
G 49.0	3254.89	3345.00	3563.60	3794.89	4077.09	4726.15	7534.45	13095.09
G 50.0	3184.45	3249.63	3452.17	3676.80	3965.52	4479.14	7009.48	13095.09
G 51.0	3119.35	3160.48	3341.73	3558.87	3860.48	4273.80	6467.24	13095.09
G 52.0	3061.90	3076.37	3231.52	3441.83	3756.52	4103.00	5932.35	13095.09
G 53.0	3009.52	2996.01	3121.92	3324.78	3651.38	3960.47	5422.63	13095.09
G 54.0	2959.98	2921.34	3016.58	3207.30	3544.56	3838.38	4953.52	13095.09
G 55.0	2909.90	2853.84	2918.25	3091.38	3436.36	3724.88	4543.72	13095.09
G 56.0	2855.06	2792.55	2827.03	2978.21	3323.45	3610.04	4207.59	13095.09
G 57.0	2792.66	2737.02	2742.40	2867.77	3201.39	3488.24	3939.82	13095.09
G 58.0	2722.74	2684.04	2664.34	2759.36	3070.10	3358.40	3727.24	13095.09
G 59.0	2645.03	2628.09	2591.78	2653.34	2934.47	3220.44	3549.15	13095.09
G 60.0	2563.03	2565.80	2524.02	2551.02	2800.43	3075.88	3385.17	13095.09
G 61.0	2479.42	2496.27	2460.38	2454.20	2671.13	2928.66	3225.58	13095.09
G 62.0	2396.47	2419.95	2398.89	2364.79	2546.70	2784.64	3069.06	13095.09
G 63.0	2316.39	2339.87	2336.48	2282.66	2426.06	2647.17	2917.36	13095.09
G 64.0	2237.26	2256.47	2271.07	2206.77	2309.27	2516.11	2772.52	13095.09
G 65.0	2157.53	2170.87	2198.53	2136.19	2198.96	2389.55	2635.56	13095.09
G 66.0	2075.11	2084.01	2116.58	2068.56	2095.81	2265.45	2505.46	13095.09
G 67.0	1990.84	1996.79	2035.55	2000.16	1998.95	2143.72	2380.39	13095.09
G 68.0	1906.53	1912.04	1956.64	1929.48	1909.08	2026.22	2258.20	13095.09
G 69.0	1820.18	1829.30	1872.35	1856.66	1826.44	1914.73	2136.88	13095.09
G 70.0	1732.83	1746.14	1784.29	1781.62	1748.78	1809.12	2015.73	13095.09
G 71.0	1648.21	1661.71	1697.07	1703.06	1675.47	1707.40	1896.01	13095.09
G 72.0	1565.52	1575.46	1610.94	1620.26	1605.94	1608.65	1779.38	13095.09

Luminaire			Measur.			Lamp		
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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 60.00
G 73.0	1875.53	2103.77	2420.05	2910.89	3893.41	5363.49	7450.97	10756.81	13288.01	15231.71	18701.68	21809.70
G 74.0	1749.83	1961.53	2237.14	2660.76	3457.24	4625.68	6442.67	9713.50	11982.11	13445.92	15815.56	16924.93
G 75.0	1627.86	1821.22	2057.30	2422.59	3071.61	3959.99	5731.85	8669.63	10596.40	11479.31	12766.12	11784.14
G 76.0	1510.09	1680.99	1881.02	2193.03	2722.40	3370.52	5086.93	7593.30	9147.14	9458.87	9847.80	10509.77
G 77.0	1396.46	1539.80	1709.09	1969.19	2403.53	2939.98	4480.46	6445.00	7656.00	7522.01	7320.63	6817.60
G 78.0	1283.87	1398.63	1541.49	1749.92	2110.53	2559.43	3875.14	5249.19	6149.71	5744.53	5294.97	4967.70
G 79.0	1169.44	1259.01	1377.42	1535.45	1834.29	2184.41	3239.65	4076.03	4703.53	4171.18	3721.84	3422.45
G 80.0	1057.25	1122.66	1216.68	1326.83	1551.50	1816.80	2582.66	3014.80	3400.58	2848.44	2523.90	2076.57
G 81.0	952.30	991.09	1060.37	1125.54	1278.45	1460.90	1955.48	2129.81	2299.92	1791.17	1604.85	1062.52
G 82.0	855.46	864.64	910.10	927.33	1023.58	1121.36	1402.98	1428.66	1432.27	1003.15	899.33	509.49
G 83.0	764.69	742.05	766.85	732.59	792.08	809.36	944.80	885.73	797.39	480.76	416.59	255.75
G 84.0	672.41	622.16	629.79	551.34	585.66	538.91	582.79	483.59	377.34	231.26	170.96	112.46
G 85.0	570.16	504.51	483.40	390.04	406.52	320.91	315.23	214.52	137.79	151.96	87.44	42.71
G 86.0	459.55	387.84	342.50	254.41	259.15	161.74	144.08	98.31	103.45	90.34	57.65	16.77
G 87.0	346.18	270.53	219.29	147.73	147.39	80.25	54.37	64.42	31.47	45.89	35.95	6.09
G 88.0	231.22	188.17	120.43	73.53	70.53	52.96	17.41	39.56	10.72	16.57	10.50	2.12
G 89.0	79.43	86.25	33.81	47.56	16.79	22.53	5.50	15.73	5.78	5.04	0.74	0.17
G 90.0	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 91.0	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 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Luminaire			Measur.			Lamp		
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	21431.08	21318.57	21503.73	22144.46	20646.83	21503.52	20518.83	22332.37	21879.30	21381.12	22084.80	22918.47	20442.84
G 74.0	17247.32	17270.60	16636.27	16735.75	15738.88	15981.69	15637.07	16943.32	17040.39	17481.09	17822.18	17828.17	16273.90
G 75.0	13722.43	13733.51	13128.66	13165.08	12413.19	13030.22	12444.59	13412.82	13468.98	14072.63	14379.02	14063.51	12715.73
G 76.0	10644.69	10819.79	10029.80	9833.31	8916.26	9227.38	8998.39	10141.89	10503.86	11238.58	11389.27	11256.86	9833.24
G 77.0	7985.74	8226.13	7361.87	7224.72	6677.88	6948.91	6698.22	7384.61	7763.98	8669.02	8736.64	8824.43	7511.19
G 78.0	5748.26	6022.28	5227.13	5294.67	4749.41	5140.74	4819.47	5543.09	5658.00	6449.18	6430.96	6541.34	5633.52
G 79.0	3834.59	4107.44	3139.76	3064.47	2740.47	2667.67	2800.21	3228.04	3513.00	4585.68	4358.69	4560.14	4035.51
G 80.0	2267.66	2475.96	1833.44	1903.93	1630.22	1905.48	1677.71	2039.33	2070.92	2849.87	2608.25	2913.01	2571.91
G 81.0	1151.90	1246.13	837.03	771.88	640.35	567.59	684.80	945.77	1000.43	1463.45	1360.32	1603.33	1412.42
G 82.0	538.96	379.22	305.23	283.04	226.18	283.79	232.15	293.43	316.67	401.22	660.44	774.55	714.85
G 83.0	220.24	148.87	150.81	148.91	155.17	145.95	152.47	147.72	144.68	148.30	261.79	350.67	355.77
G 84.0	104.15	72.41	64.51	44.20	46.20	48.65	47.05	46.92	68.26	99.64	108.22	160.99	169.96
G 85.0	37.28	22.52	9.66	5.42	5.25	0.00	4.97	3.01	11.95	48.94	51.99	60.05	83.45
G 86.0	6.04	0.00	0.71	0.44	0.00	0.00	0.00	0.34	2.90	3.87	21.71	11.47	32.23
G 87.0	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.07	2.84	1.62	7.76
G 88.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.76
G 89.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
G 90.0	0.00	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 91.0	0.00	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 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire			Measur.			Lamp		
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	19570.29	16289.17	13443.63	11009.41	7417.04	5586.99	3987.98	3161.54	2654.16	2378.10	2068.76	1864.31	1701.28
G 74.0	16677.38	14872.01	12181.58	10039.76	6597.67	4855.47	3605.85	2904.50	2477.85	2234.22	1943.25	1748.95	1615.30
G 75.0	13653.49	13143.65	10888.76	9033.45	5851.54	4220.91	3248.98	2659.78	2298.89	2089.08	1819.31	1635.26	1530.87
G 76.0	10776.47	11088.59	9549.53	7968.38	5172.48	3688.64	2910.29	2428.36	2118.26	1941.55	1695.77	1522.86	1451.41
G 77.0	8248.19	8933.19	8146.55	6867.68	4545.46	3238.64	2590.02	2207.97	1938.13	1792.54	1572.51	1412.13	1372.56
G 78.0	6105.18	6902.43	6678.79	5771.96	3945.13	2834.91	2289.35	1994.86	1761.40	1644.43	1450.58	1304.71	1290.01
G 79.0	4339.21	5093.69	5212.65	4698.80	3340.65	2449.56	2005.94	1786.10	1589.63	1498.51	1332.17	1202.07	1203.47
G 80.0	2988.29	3556.55	3849.65	3665.38	2726.92	2073.26	1733.02	1579.48	1423.14	1355.23	1219.25	1106.57	1114.04
G 81.0	1973.77	2287.94	2682.66	2706.70	2132.98	1706.37	1464.29	1372.65	1260.89	1214.76	1112.30	1020.93	1022.01
G 82.0	1170.77	1311.72	1758.85	1862.97	1590.33	1353.49	1199.71	1163.92	1101.87	1077.51	1010.02	944.59	926.14
G 83.0	583.85	655.04	1058.13	1172.02	1120.73	1024.47	945.66	956.08	943.81	942.93	909.00	871.46	824.69
G 84.0	260.10	331.25	555.25	659.72	740.74	729.20	710.75	755.67	782.95	809.59	802.99	794.99	716.79
G 85.0	122.02	217.87	239.01	323.79	454.58	476.16	503.07	569.01	617.15	676.56	684.99	710.01	602.94
G 86.0	61.42	129.31	80.48	174.30	250.52	274.66	329.60	402.49	451.65	544.48	552.44	611.53	484.80
G 87.0	33.41	65.00	23.89	114.77	115.90	152.58	193.76	262.89	297.85	416.65	406.73	497.87	365.76
G 88.0	14.59	21.16	11.81	67.04	39.05	102.56	95.05	155.86	167.38	298.63	255.35	375.07	250.80
G 89.0	1.14	5.39	6.54	24.76	5.75	43.80	21.70	55.43	47.19	136.92	79.42	179.37	103.26
G 90.0	0.00	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 91.0	0.00	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 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire			Measur.			Lamp		
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	1700.00	1667.65	1632.23	1577.45	1559.94	1520.75	1506.78	1469.74	1459.90	1424.86	1417.43	1391.11	1381.59
G 74.0	1625.05	1572.48	1540.30	1485.76	1469.75	1432.53	1419.31	1383.45	1373.25	1341.35	1337.05	1310.89	1306.92
G 75.0	1546.34	1477.18	1448.18	1396.02	1379.51	1344.60	1335.08	1298.07	1289.01	1259.94	1254.52	1230.09	1226.11
G 76.0	1460.76	1383.90	1356.07	1306.37	1288.74	1256.15	1250.22	1214.85	1204.86	1177.21	1170.25	1143.90	1139.02
G 77.0	1368.27	1290.96	1262.90	1215.16	1198.93	1167.26	1163.10	1130.34	1120.86	1093.91	1086.60	1059.53	1056.08
G 78.0	1270.68	1196.38	1167.69	1121.98	1111.49	1078.67	1075.09	1042.66	1035.82	1009.23	1002.72	976.57	975.31
G 79.0	1170.70	1099.18	1070.42	1028.71	1022.90	988.06	984.61	952.73	947.98	919.80	914.81	892.43	892.42
G 80.0	1070.41	1000.67	971.97	936.61	930.52	894.64	892.23	864.40	859.90	832.06	827.37	804.75	804.62
G 81.0	970.50	902.86	874.93	844.68	837.86	802.49	803.40	776.95	771.54	745.19	743.87	713.41	714.13
G 82.0	870.82	805.44	780.85	751.27	746.76	712.58	715.03	688.75	683.18	658.60	657.33	627.65	628.13
G 83.0	769.97	706.33	688.03	656.52	656.07	622.33	623.60	598.89	594.47	569.10	567.98	542.21	545.67
G 84.0	666.31	603.87	593.79	562.17	564.37	531.67	530.35	505.27	504.33	476.63	474.32	450.86	456.31
G 85.0	559.25	498.87	497.72	468.28	471.26	440.41	438.59	410.38	413.23	384.61	383.75	358.31	359.94
G 86.0	450.61	394.47	401.74	374.39	376.80	347.78	349.14	321.44	326.00	296.76	296.24	270.59	272.10
G 87.0	344.42	294.44	308.50	282.18	284.88	258.10	262.53	240.68	246.54	222.03	221.01	206.55	211.33
G 88.0	245.11	202.56	221.16	196.26	201.89	180.79	184.55	170.80	177.31	161.69	166.70	156.95	163.86
G 89.0	111.04	85.69	101.55	85.07	92.20	82.71	83.97	78.89	83.94	76.34	83.46	75.96	81.41
G 90.0	0.00	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 91.0	0.00	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 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire			Measur.			Lamp		
Code	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	1356.07	1352.73	1329.78	1351.93	1350.21	1365.47	1366.88	1393.84	1392.01	1419.42	1415.20	1444.37	1455.98
G 74.0	1276.19	1271.85	1256.81	1272.26	1274.20	1290.99	1286.64	1311.65	1311.23	1337.62	1335.16	1361.94	1366.65
G 75.0	1194.73	1191.18	1175.72	1190.63	1187.61	1210.09	1206.24	1229.19	1232.41	1257.08	1257.10	1280.27	1279.66
G 76.0	1112.66	1110.13	1094.64	1110.27	1104.39	1122.75	1122.97	1146.38	1150.07	1170.73	1174.29	1195.95	1196.52
G 77.0	1031.60	1028.49	1005.44	1028.41	1022.69	1040.68	1042.07	1063.92	1067.95	1085.94	1088.65	1109.32	1111.45
G 78.0	949.07	948.14	932.47	947.96	942.39	963.72	961.67	982.53	983.78	1002.85	1001.76	1023.70	1023.03
G 79.0	861.71	865.31	843.28	865.65	860.52	878.70	875.14	899.26	895.33	915.60	911.84	938.56	932.92
G 80.0	778.98	778.75	762.19	779.12	771.70	790.78	786.44	810.64	807.73	827.27	822.82	851.73	842.83
G 81.0	691.48	696.26	673.00	695.04	683.22	704.41	700.27	722.51	719.09	741.10	737.69	763.84	755.85
G 82.0	608.80	615.56	591.91	608.09	600.49	619.59	615.04	638.80	632.78	655.69	654.06	674.72	670.25
G 83.0	521.42	525.40	502.72	518.20	513.29	537.97	530.05	553.10	547.90	567.93	565.46	582.93	580.31
G 84.0	432.55	430.36	413.53	430.21	422.78	448.14	438.80	458.88	456.85	478.12	471.15	490.22	486.44
G 85.0	342.03	337.83	324.34	338.90	327.70	352.03	342.85	360.83	360.11	388.50	376.39	400.93	393.66
G 86.0	255.69	255.10	235.14	255.16	246.83	264.53	264.51	276.98	271.10	301.81	289.18	315.64	304.95
G 87.0	196.07	201.28	186.49	201.13	194.88	203.81	202.49	214.43	205.18	224.64	213.25	233.79	223.17
G 88.0	146.23	154.21	145.95	154.78	146.92	155.40	149.85	161.31	153.66	161.20	148.89	160.27	154.09
G 89.0	70.31	74.69	68.11	73.64	68.95	76.88	69.49	74.77	70.79	73.30	65.68	70.47	69.04
G 90.0	0.00	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 91.0	0.00	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 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measur.		Lamp	
Code	25-109-02	Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50	Code	L-ALO2_ES_A_50-2T12-4000-350-44
Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Number	1
Line	Eulmdat	Date	08-08-2025	Position	

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	1480.17	1487.99	1524.98	1534.28	1538.15	1517.03	1666.28
G 74.0	1391.75	1401.69	1439.40	1448.04	1469.97	1436.41	1555.94
G 75.0	1305.29	1317.22	1354.30	1361.94	1397.19	1359.79	1446.91
G 76.0	1222.22	1231.00	1267.44	1274.46	1315.86	1281.35	1339.00
G 77.0	1138.61	1141.62	1176.48	1185.59	1229.82	1204.91	1234.47
G 78.0	1051.71	1050.45	1082.49	1096.09	1142.94	1130.47	1135.68
G 79.0	962.32	959.29	988.22	1006.61	1055.31	1054.26	1043.16
G 80.0	872.73	868.01	895.30	916.54	965.05	975.24	956.58
G 81.0	783.33	776.49	804.57	824.45	871.69	893.49	875.55
G 82.0	694.44	685.86	715.30	730.58	777.07	808.88	799.57
G 83.0	605.98	597.01	625.36	636.23	682.42	719.48	725.34
G 84.0	515.98	508.38	533.22	541.30	586.34	621.72	648.22
G 85.0	424.00	418.53	439.14	444.43	486.88	514.48	565.84
G 86.0	332.92	328.40	345.76	345.84	384.72	400.55	477.66
G 87.0	248.13	241.33	257.47	249.31	284.61	286.45	384.86
G 88.0	174.29	161.69	178.87	160.97	194.24	180.38	292.17
G 89.0	78.91	65.89	79.66	60.76	84.50	63.33	143.95
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	25-109-02		Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-350-44	
Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Name	ALO 2 2T12 ASM 7040.350-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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	25-109-02	Code	25-109-02_ALO 2 2T12 ASM 7040.350-44M ES 50	Code	L-ALO2_ES_A_50-2T12-4000-350-44
Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Name	ALO 2 2T12 ASM 7040.350-44M ES 50	Number	1
Line	Eulmdat	Date	08-08-2025	Position	

Luminaire Flux	81064.54 lm	Luminaire Power	534.20 W	Efficacy	151.75 lm/W	Efficiency	100.00%
Lamps Flux	81064.54 lm	Maximum value	104939.12 cd	Position	C=90.00 G=60.00	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