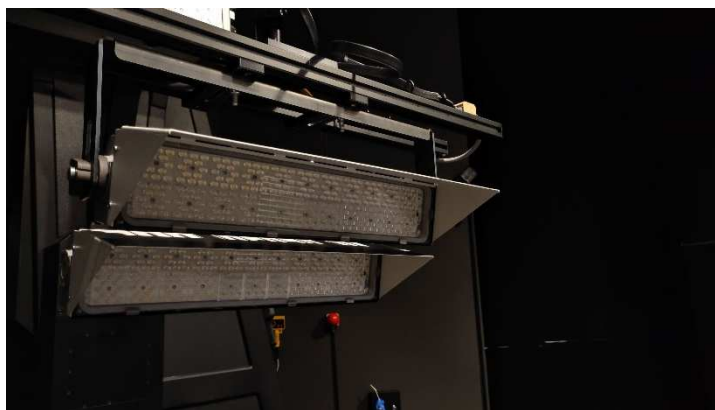


Photometric and Colorimetric Report



Manufacturer	AEC ILLUMINAZIONE SRL
Product type	Outdoor Lighting Luminaire
Photometry code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50
Luminaire code	25-109-01
Reference number	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50
Luminaire description	ALO 2 2T12 ASN 7040.450-44M 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

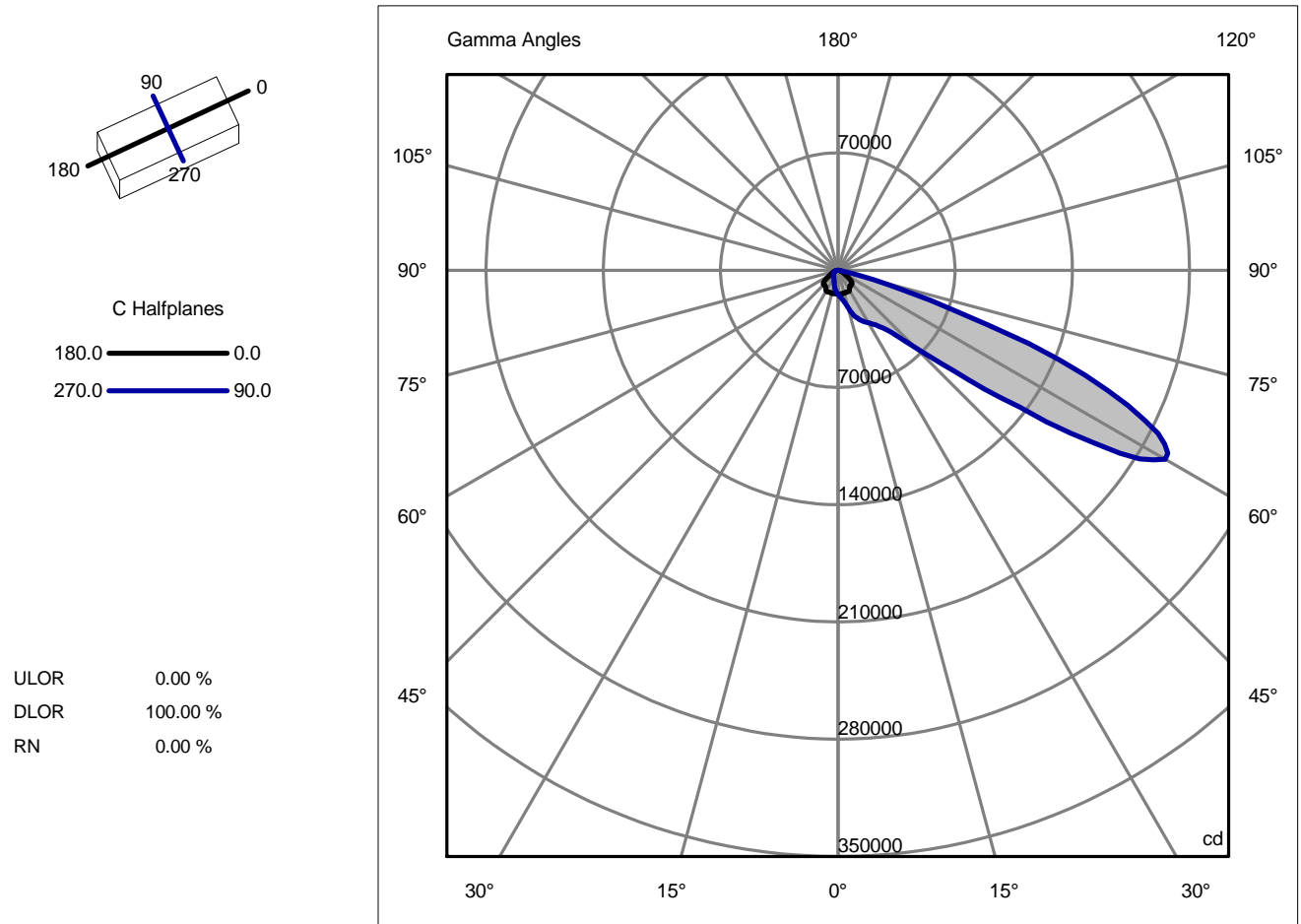
Data type	Absolute
LOR (%)	100.0
Luminaire luminous flux (lm)	99737
Luminaire input power (W)	678.7
Luminaire efficiency (lm/W)	147
BUG RATING	B5 U0 G5
CCT (K)	4057
CRI	73
Chromatic coordinates x,y	0.3792 0.3799
Duv	0.0018
Note and comments	

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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44M
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1
Line	Eulmdat		Date	08-08-2025		Position	
Luminaire Flux		99736.58 lm	Luminaire Power		678.70 W	Efficacy	146.95 lm/W
						Efficiency	100.00%
Lamps Flux		99736.58 lm	Maximum value		225589.00 cd	Position	C=90.00 G=60.00
						CG	Asymmetrical
Rectangular Luminaire		Length	275 mm		Width	680 mm	
Rectangular Luminous Area		Length	260 mm		Width	620 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_50-2T12-4000-450-44M		ALO 2 2T12-4000-450-44M		99736.58 W	678.70	1
C.I.E.	28 69 97 100 100		D DIN 5040		A10		
F UTE	1.00 l		B NBN		BZ 7 / 0.8 / BZ 6 / 2 / BZ 5		

275mm x 680mm



Luminaire				Measur.				Lamp							
Code	25-109-01			Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50			Code	L-ALO2_ES_A_50-2T12-4000-450-44						
Name	ALO 2 2T12 ASN 7040.450-44M ES 50			Name	ALO 2 2T12 ASN 7040.450-44M ES 50			Number	1						
Line	Eulumdat			Date	08-08-2025			Position							
Luminaire Flux		99736.58 lm		Luminaire Power		678.70 W		Efficacy		146.95 lm/W		Efficiency		100.00%	
Lamps Flux		99736.58 lm		Maximum value		225589.00 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	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	
G 1.0	14243.99	14275.06	14305.92	14336.34	14366.11	14395.01	14422.81	14449.23	14474.06	14497.12	14518.23	14537.22	14553.95	14553.95	
G 2.0	14239.03	14300.28	14361.51	14421.93	14483.67	14543.30	14600.27	14656.65	14709.36	14757.63	14801.72	14843.43	14879.39	14879.39	
G 3.0	14231.97	14322.54	14414.21	14512.05	14608.07	14706.34	14799.99	14892.84	14979.57	15060.94	15136.40	15202.75	15259.25	15259.25	
G 4.0	14225.79	14345.15	14472.27	14607.20	14747.93	14887.44	15024.83	15157.50	15281.42	15391.05	15488.44	15565.55	15631.73	15631.73	
G 5.0	14221.39	14370.57	14533.66	14709.33	14892.86	15077.10	15255.80	15420.94	15568.39	15694.14	15799.30	15890.02	15967.38	15967.38	
G 6.0	14216.56	14398.71	14594.00	14810.29	15036.38	15256.24	15464.83	15656.47	15825.30	15971.74	16100.25	16216.49	16319.60	16319.60	
G 7.0	14208.96	14428.24	14651.78	14908.45	15168.43	15415.03	15656.84	15881.78	16077.47	16251.49	16413.41	16563.67	16696.85	16696.85	
G 8.0	14198.34	14457.60	14712.50	15005.58	15288.03	15566.44	15854.21	16108.66	16327.48	16533.08	16736.12	16924.82	17071.27	17071.27	
G 9.0	14187.41	14485.24	14776.35	15103.34	15407.16	15733.17	16059.05	16331.29	16578.90	16835.99	17083.52	17274.38	17418.06	17418.06	
G 10.0	14180.65	14510.63	14843.57	15202.28	15535.99	15913.81	16263.26	16559.88	16857.32	17171.32	17431.74	17634.40	17853.57	17853.57	
G 11.0	14179.72	14534.59	14913.93	15305.55	15683.75	16098.86	16474.56	16812.72	17169.24	17520.39	17866.55	18073.88	18326.90	18326.90	
G 12.0	14181.59	14557.82	14985.76	15415.41	15836.97	16287.50	16703.86	17087.45	17494.03	17877.51	18193.13	18497.02	18781.78	18781.78	
G 13.0	14181.33	14581.15	15057.38	15529.91	15993.97	16486.99	16949.22	17370.11	17827.23	18228.01	18590.93	18977.13	19316.52	19316.52	
G 14.0	14171.49	14605.30	15127.57	15646.64	16154.75	16698.99	17202.08	17667.26	18170.26	18616.91	19091.13	19563.36	19944.47	19944.47	
G 15.0	14143.57	14629.80	15197.68	15766.84	16322.36	16920.61	17464.99	17993.63	18558.19	19110.65	19723.14	20243.28	20712.72	20712.72	
G 16.0	14109.19	14654.10	15270.09	15892.89	16503.39	17156.72	17762.04	18369.62	19049.60	19753.03	20466.36	21041.18	21712.82	21712.82	
G 17.0	14073.63	14677.72	15347.35	16027.73	16694.27	17419.68	18114.44	18833.89	19685.32	20527.44	21321.95	22053.00	22968.32	22968.32	
G 18.0	14037.81	14700.54	15431.02	16172.72	16900.90	17726.38	18543.43	19428.91	20453.66	21408.78	22343.16	23280.00	24319.53	24319.53	
G 19.0	14005.74	14724.17	15522.28	16328.47	17132.02	18097.00	19082.32	20177.23	21325.87	22441.68	23567.49	24599.50	25587.70	25587.70	
G 20.0	13982.81	14755.62	15621.62	16495.75	17392.34	18359.97	19739.46	21037.27	22315.84	23643.27	24855.58	25853.76	26768.22	26768.22	
G 21.0	13974.51	14801.88	15729.32	16674.20	17691.25	19063.93	20486.44	21982.88	23433.66	24902.65	26059.29	27023.33	27895.71	27895.71	
G 22.0	13991.92	14870.47	15847.32	16865.31	18040.66	19657.13	21300.41	23002.17	24606.01	26083.88	27176.11	28166.32	28997.39	28997.39	
G 23.0	14037.22	14963.87	15976.86	17074.09	18447.01	20306.68	22146.45	24062.94	25721.06	27165.29	28256.15	29267.51	29995.58	29995.58	
G 24.0	14093.04	15072.04	16116.92	17308.88	18906.24	21002.22	23032.18	25091.03	26723.03	28185.30	29268.99	30215.03	30821.94	30821.94	
G 25.0	14139.84	15182.33	16265.29	17580.87	19419.39	21738.87	23939.73	26052.42	27632.34	29122.23	30142.55	30991.57	31529.26	31529.26	
G 26.0	14152.58	15282.24	16416.35	17894.91	19983.32	22518.42	24861.94	26927.39	28468.15	29935.78	30896.99	31689.52	32224.12	32224.12	
G 27.0	14121.74	15357.78	16571.32	18257.01	20593.85	23343.65	25775.90	27741.41	29224.22	30657.57	31608.96	32387.49	32981.26	32981.26	
G 28.0	14025.14	15412.66	16739.00	18667.26	21247.78	24196.58	26653.05	28502.60	29907.05	31354.53	32305.92	33111.51	33744.67	33744.67	
G 29.0	13872.77	15454.39	16929.97	19123.57	21940.58	25052.54	27470.79	29198.73	30545.98	32036.67	32829.22	33629.22	34456.78	34456.78	
G 30.0	13641.45	15492.72	17152.68	19631.83	22671.52	25880.69	28212.64	29832.10	31160.23	32680.77	33648.55	34526.75	35113.67	35113.67	
G 31.0	13363.09	15532.43	17423.08	20187.91	23428.74	26651.80	28860.59	30402.83	31731.23	33291.31	34304.59	35211.53	35741.53	35741.53	
G 32.0	13060.91	15579.87	17742.46	20780.03	24192.78	27357.66	29423.85	30923.20	32238.34	33885.94	34930.16	35868.27	36326.71	36326.71	
G 33.0	12774.21	15632.92	18103.23	21397.03	24940.14	27992.71	29917.57	31393.28	32684.31	34455.28	35526.81	36451.04	36834.93	36834.93	
G 34.0	12505.05	15686.00	18513.64	22028.64	25647.67	28552.64	30353.52	31807.77	33067.19	34974.40	36110.43	36939.93	37294.54	37294.54	
G 35.0	12257.21	15740.61	18978.33	22667.01	26295.18	29305.69	30739.32	32160.69	33396.23	35431.46	36669.57	37371.78	37806.09	37806.09	
G 36.0	12033.82	15792.85	19467.14	23285.84	26857.96	29427.57	31065.53	32435.92	33647.23	35807.16	37156.44	37810.24	38375.82	38375.82	
G 37.0	11846.22	15839.83	19928.17	23852.22	27313.00	29720.95	31312.21	32628.01	33827.57	36089.90	37543.55	38260.04	38950.18	38950.18	
G 38.0	11711.24	15871.49	20314.13	24326.84	27637.29	29896.05	31457.92	32726.62	33922.34	36283.59	37841.78	38697.57	39531.59	39531.59	
G 39.0	11631.61	15882.37	20582.60	24673.56	27809.02	29947.62	31487.64	32725.35	33952.95	36399.67	38088.56	39129.54	40172.75	40172.75	
G 40.0	11620.39	15868.32	20711.03	24875.96	27840.35	29863.32	31388.50	32618.98	33916.60	36475.45	38302.69	39588.73	40920.03	40920.03	
G 41.0	11670.09	15835.89	20717.55	24938.12	27728.73	29641.28	31151.51	32402.82	33811.81	36501.62	38491.21	40108.01	41788.99	41788.99	
G 42.0	11724.15	15779.99	20616.63	24865.57	27498.87	29274.36	30771.93	32069.99	33646.56	36470.59	38698.75	40693.25	42762.83	42762.83	
G 43.0	11753.20	15701.22	20428.52	24663.73	27154.21	28771.77	30258.82	31627.35	33416.60	36360.85	38934.80	41354.36	43872.22	43872.22	
G 44.0	11750.50	15574.23	20158.89	24349.85	26700.53	28160.46	29649.79	31109.33	33123.77	36192.73	39247.88	42129.15	45180.63	45180.63	
G 45.0	11717.38	15577.21	19811.55	23906.85	26143.36	27465.92	29383.57	30548.69	32773.60	36028.93	39664.07	43066.30	46636.21	46636.21	
G 46.0	11632.28	15102.58	19384.38	23357.73	25480.05	26710.11	28294.25	29976.44	32375.79	35935.76	40188.57	44123.66	48048.40	48048.40	
G 47.0	11476.24	14740.51	18875.40	22693.13	24715.88	25908.84	27599.29	29415.57	31991.25	35962.34	40798.05	45194.35	49235.08	49235.08	
G 48.0	11248.71	14297.66	18283.66	21925.06	23870.00	25081.28	26903.70	28884.55	31710.35	36112.47	41399.35	46119.81	50159.34	50159.34	

Luminaire			Measuram.			Lamp		
Code	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
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Lamps Flux	99736.58 lm	Maximum value	225589.00 cd	Position	C=90.00 G=60.00	CG	Asymmetrical
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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	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32
G 1.0	14568.29	14580.27	14589.69	14596.49	14600.61	14602.02	14600.89	14597.04	14590.48	14581.27	14569.45	14555.23	14538.57
G 2.0	14909.39	14933.78	14951.99	14964.33	14970.93	14971.44	14966.92	14956.58	14941.06	14920.46	14894.63	14864.41	14829.45
G 3.0	15305.90	15343.56	15371.57	15390.41	15400.12	15400.34	15392.49	15375.32	15349.34	15314.72	15270.96	15219.07	15158.49
G 4.0	15683.79	15723.95	15753.57	15772.62	15781.16	15779.36	15767.87	15746.46	15715.32	15674.72	15624.94	15566.03	15497.67
G 5.0	16031.25	16085.24	16125.51	16152.46	16166.58	16168.36	16158.15	16134.91	16097.54	16045.03	15976.61	15894.52	15796.13
G 6.0	16409.01	16481.35	16535.51	16570.80	16587.76	16587.28	16571.21	16539.25	16491.93	16429.98	16354.70	16266.79	16156.47
G 7.0	16804.90	16886.49	16945.15	16986.01	17010.20	17016.18	17004.21	16970.88	16915.20	16834.67	16731.93	16604.52	16482.70
G 8.0	17180.01	17270.04	17358.82	17430.99	17478.73	17494.94	17475.51	17425.86	17353.60	17264.06	17154.43	17013.52	16831.15
G 9.0	17558.16	17709.68	17825.97	17897.08	17926.13	17923.84	17898.29	17848.92	17771.03	17665.63	17540.83	17403.53	17227.84
G 10.0	18067.10	18221.32	18327.42	18397.11	18435.94	18442.50	18415.64	18352.88	18254.99	18128.46	17977.15	17810.73	17626.82
G 11.0	18533.74	18698.73	18830.69	18934.50	19000.24	19021.01	18991.60	18912.97	18789.15	18630.47	18441.64	18239.11	18031.60
G 12.0	19023.70	19225.80	19396.15	19536.37	19613.65	19639.42	19620.64	19542.79	19387.65	19184.77	18945.48	18685.28	18422.68
G 13.0	19601.23	19886.12	20154.99	20350.60	20430.15	20447.34	20442.89	20371.91	20176.36	19886.30	19552.85	19222.74	18889.14
G 14.0	20336.02	20797.09	21213.86	21447.44	21524.48	21534.54	21543.62	21475.81	21239.53	20813.93	20322.75	19869.02	19467.25
G 15.0	21322.71	21972.82	22456.61	22705.55	22798.73	22821.22	22822.70	22734.75	22465.19	21956.25	21299.14	20655.77	20127.06
G 16.0	22545.33	23270.54	23754.41	24033.36	24158.69	24197.68	24194.44	24076.88	23752.54	23202.84	22457.96	21637.94	20918.99
G 17.0	23889.55	24570.02	25069.23	25393.37	25542.79	25574.13	25533.68	25385.79	25039.93	24472.40	23753.82	22853.82	21932.09
G 18.0	25168.35	25829.25	26349.85	26678.68	26830.59	26860.82	26800.31	26623.62	26276.82	25718.55	25028.67	24204.56	23152.64
G 19.0	26372.23	27043.38	27565.19	27896.30	28057.89	28097.64	28040.01	27854.95	27503.10	26965.98	26267.71	25511.16	24488.37
G 20.0	27523.96	28212.96	28691.59	28977.90	29095.53	29095.07	29055.37	28931.29	28631.97	28144.81	27463.67	26723.91	25787.03
G 21.0	28640.39	29239.78	29599.10	29857.62	29918.65	29853.11	29840.07	29780.45	29560.20	29159.23	28579.65	27865.54	26999.22
G 22.0	29654.55	30097.61	30381.69	30644.61	30691.76	30621.14	30603.57	30565.92	30365.50	30026.83	29560.38	28977.92	28158.46
G 23.0	30542.38	30918.09	31205.20	31463.32	31532.97	31468.95	31427.25	31384.48	31208.46	30839.19	30417.73	29977.74	29282.12
G 24.0	31345.61	31714.88	32028.40	32313.53	32403.73	32326.74	32311.09	32236.56	32028.85	31621.48	31216.43	30822.84	30265.80
G 25.0	32073.05	32438.70	32785.29	33105.46	33194.98	33134.66	33143.61	33057.68	32782.30	32352.14	31958.26	31571.81	31081.63
G 26.0	32801.00	33170.43	33524.85	33810.29	33901.91	33802.94	33831.43	33760.25	33513.41	33092.89	32715.12	32294.55	31810.17
G 27.0	33592.76	33941.06	34195.78	34409.94	34544.73	34421.35	34444.99	34365.37	34203.52	33881.61	33522.35	33058.64	32509.51
G 28.0	34391.32	34647.80	34814.69	34992.67	35154.20	34989.89	35070.47	34952.63	34848.42	34629.73	34322.01	33843.23	33225.41
G 29.0	35072.88	35251.92	35410.10	35574.45	35730.25	35558.42	35649.02	35495.89	35343.17	35246.39	35043.61	34590.48	33950.10
G 30.0	35606.78	35801.15	35972.20	36093.95	36236.81	36087.06	36182.84	35998.84	36026.93	35797.86	35644.23	35288.47	34678.36
G 31.0	36128.24	36340.36	36562.02	36664.19	36847.82	36705.47	36802.41	36574.27	36618.32	36376.67	36215.88	35945.61	35410.58
G 32.0	36697.19	36873.98	37171.07	37329.37	37565.53	37463.51	37549.96	37288.39	37238.43	36947.30	36814.60	36549.34	36118.73
G 33.0	37269.97	37488.84	37829.54	38056.99	38369.81	38321.30	38343.19	38057.90	37947.82	37566.97	37392.48	37105.03	36765.24
G 34.0	37861.38	38173.79	38578.91	38860.23	39220.12	39129.22	39205.09	38862.19	38699.02	38245.44	37970.92	37625.72	37347.00
G 35.0	38489.41	38891.64	39403.75	39754.41	40200.76	40076.78	40161.74	39723.66	39543.39	38998.64	38608.22	38145.03	37876.63
G 36.0	39167.52	39650.29	40311.88	40745.34	41308.41	41173.96	41251.64	40709.00	40471.54	39832.13	39324.69	38697.43	38365.76
G 37.0	39895.98	40506.04	41297.62	41826.37	42522.34	42360.90	42480.64	41829.10	41484.69	40705.24	40116.14	39310.46	38838.12
G 38.0	40675.54	41427.77	42395.08	43025.70	43635.59	43687.48	43814.53	43039.93	42601.46	41658.62	40966.72	40004.11	39328.98
G 39.0	41558.61	42491.90	43683.09	44464.97	45439.69	45353.20	45435.07	44499.04	43932.77	42788.96	41928.96	40769.82	39847.21
G 40.0	42592.47	43739.50	45287.61	46306.32	47503.81	47348.06	47507.20	46335.01	45590.97	44107.25	43058.22	41611.17	40383.49
G 41.0	43765.57	45248.94	47307.20	48527.50	50016.72	49771.81	50064.08	48633.21	47666.93	45690.90	44351.95	42572.45	40958.82
G 42.0	45108.13	47078.75	49665.02	51161.11	52924.90	52724.21	53029.49	51358.88	50111.06	47621.93	45871.70	43700.00	41631.96
G 43.0	46730.04	49257.07	52392.24	54328.89	56417.76	56334.91	56557.65	54581.57	52935.05	49897.12	47690.92	45042.83	42489.69
G 44.0	48622.53	51674.20	55383.01	57835.72	60437.05	60564.02	60762.51	58183.41	56064.91	52436.57	49750.51	46653.35	43650.99
G 45.0	50564.35	54171.91	58578.62	61618.98	64932.15	65222.02	65474.79	62148.96	59401.75	56087.89	52812.58	48519.26	45237.61
G 46.0	52316.51	56634.51	61838.36	65713.48	69975.63	70598.18	70614.40	66477.09	62802.87	57699.59	53910.22	50547.15	47007.95
G 47.0	53862.52	58906.25	65082.12	69934.74	75303.04	76403.23	76122.13	70948.40	66302.27	60233.22	55719.35	52397.69	48431.09
G 48.0	55275.22	61060.55	68510.68	74699.21	81581.87	83245.60	82635.52	76047.04	70057.17	62773.43	57278.63	53576.21	49084.65
G 49.0	56452.54	63258.53	72445.56	80357.01	89287.18	91324.80	90649.43	82128.73	74380.98	65329.98	58602.91	53915.88	49094.66
G 50.0	57223.35	65459.71	76937.03	87091.96	98659.83	101309.08	100432.44	89392.50	79383.48	67929.16	59708.63	53837.10	48859.76
G 51.0	57862.15	68042.19	82507.54	95590.31	109476.18	112819.44	111584.64	98614.11	85686.80	71102.29	60835.84	53761.63	48566.71
G 52.0	59002.20	71461.63	88946.36	105146.27	119735.68	123890.92	121994.06	109083.27	93081.70	75313.98	62450.22	53770.43	48140.61
G 53.0	59695.34	73542.85	93742.65	112687.90	131827.90	135540.92	133992.45	117320.71	98587.29	78065.65	63438.09	53621.65	47493.20
G 54.0	58133.74	74258.29	100411.26	125807.45	148936.36	153704.14	150987.30	130888.12	105735.15	79253.69	61915.79	53342.48	46627.92
G 55.0	56071.63	77348.38	110158.46	139649.33	163849.43	169343.86	165982.28	144974.00	115821.24	82952.00	59924.79	52079.57	45560.06
G 56.0	56612.32	81247.74	117606.38	150949.87	178297.51	184175.66	180484.16	156035.52	123485.58	87431.59	60622.92	48174.56	44077.84
G 57.0	57153.94	84261.42	125721.94	164270.69	193712.61	200673.17	195868.94	169010.81	131800.41	90775.65	61840.88	44518.02	41755.21
G 58.0	56603.06	88467.27	133733.76	175865.52	204912.70	212512.68	206889.41	180136.63	139862.88	95135.23	61246.65	42463.14	38390.66
G 59.0	55805.67	91453.29	138544.37	181728.26	211814.95	219883.70	213685.79	185422.06	1442724				

Luminaire			Measuram.			Lamp		
Code	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
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Lamps Flux	99736.58 lm	Maximum value	225589.00 cd	Position	C=90.00 G=60.00	CG	Asymmetrical
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	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	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32
G 1.0	14519.60	14498.46	14475.30	14450.32	14423.66	14394.41	14363.88	14332.33	14300.03	14267.26	14234.34	14202.12	14170.24
G 2.0	14790.05	14748.97	14704.62	14656.81	14605.54	14547.84	14487.34	14424.57	14356.88	14288.14	14219.77	14157.39	14095.60
G 3.0	15090.21	15013.86	14937.31	14861.91	14782.32	14701.35	14615.97	14517.32	14415.46	14308.14	14203.35	14113.56	14027.31
G 4.0	15421.42	15322.22	15211.30	15090.81	14966.76	14854.17	14738.01	14616.07	14473.34	14328.02	14188.76	14072.42	13970.21
G 5.0	15698.65	15594.20	15480.39	15340.50	15180.27	15010.68	14861.59	14708.14	14535.14	14350.65	14178.09	14035.26	13912.86
G 6.0	16017.92	15861.84	15710.03	15558.74	15388.79	15188.61	14986.35	14798.41	14598.20	14377.24	14171.10	14000.17	13849.59
G 7.0	16348.30	16184.64	15980.07	15768.56	15571.42	15355.77	15118.63	14889.94	14659.59	14407.21	14167.19	13961.67	13783.60
G 8.0	16633.47	16463.79	16274.37	16021.19	15780.22	15513.03	15249.54	14983.17	14718.52	14440.96	14166.41	13920.95	13717.18
G 9.0	16992.60	16735.50	16516.11	16280.77	15976.87	15672.51	15377.21	15078.64	14779.72	14479.04	14169.76	13888.99	13654.36
G 10.0	17388.55	17080.42	16766.51	16505.42	16205.64	15852.95	15508.53	15176.19	14844.14	14521.37	14178.10	13860.54	13587.78
G 11.0	17794.21	17471.73	17090.26	16735.95	16421.71	16044.54	15651.62	15276.57	14910.99	14566.03	14190.16	13831.72	13520.18
G 12.0	18162.36	17846.74	17451.87	17024.57	16627.71	16238.53	15855.19	15482.08	14979.62	14610.61	14200.00	13801.66	13449.42
G 13.0	18546.34	18181.35	17777.36	17352.81	16863.80	16431.06	15967.05	15494.55	15050.43	14652.63	14205.22	13763.35	13374.59
G 14.0	19050.70	18580.33	18084.56	17657.78	17132.87	16633.27	16134.16	15616.13	15124.30	14689.82	14204.15	13718.73	13290.57
G 15.0	19661.13	19102.46	18469.64	17944.20	17415.97	16850.89	16306.96	15744.00	15201.61	14722.32	14196.67	13665.27	13199.15
G 16.0	20349.59	19726.30	18965.12	18299.51	17700.17	17084.66	16490.36	15877.19	15282.74	14750.50	14181.30	13602.95	13106.11
G 17.0	21181.22	20454.27	19548.36	18764.58	18026.75	17337.90	16686.44	16015.72	15367.71	14774.63	14158.71	13533.02	13019.07
G 18.0	22210.00	21343.67	20251.31	19324.15	18451.41	17624.02	16896.16	16159.24	15456.08	14794.57	14128.49	13458.72	12929.61
G 19.0	23412.01	22412.75	21126.31	19991.39	18994.72	17968.33	17126.08	16310.30	15549.72	14815.07	14094.98	13385.53	12825.30
G 20.0	24669.64	23599.08	22163.94	20806.47	19636.87	18389.47	17386.08	16473.04	15651.52	14842.06	14067.94	13318.36	12694.15
G 21.0	25887.51	24814.95	23293.98	21762.58	20378.63	18906.38	17688.43	16650.63	15763.83	14881.65	14056.03	13258.24	12540.24
G 22.0	27061.22	26005.30	24450.14	22802.05	21216.96	19499.38	18046.53	16847.96	15890.44	14941.12	14067.72	13203.38	12346.15
G 23.0	28198.87	27149.69	25599.94	23870.62	22128.97	20168.37	18471.34	17070.39	16033.11	15025.68	14108.91	13150.96	12109.94
G 24.0	29253.32	28228.57	26710.84	24942.77	23083.69	20898.18	18956.75	17324.15	16190.61	15129.84	14169.23	13081.20	11806.32
G 25.0	30174.27	29214.27	27739.75	25996.33	24066.14	21678.82	19500.49	17618.49	16361.76	15244.56	14236.40	12973.87	11420.83
G 26.0	30979.20	30087.96	28661.10	26998.90	25049.96	22509.22	20096.28	17956.05	16542.96	15364.00	14290.16	12797.30	10974.34
G 27.0	31736.32	30872.35	29497.24	27923.49	26029.00	23380.25	20740.25	18342.69	16734.85	15478.55	14319.07	12539.17	10530.49
G 28.0	32472.54	31610.96	30281.32	28762.69	26963.73	24279.24	21435.33	18780.95	16944.78	15586.83	14296.11	12214.44	10144.27
G 29.0	33174.64	32326.21	31029.55	29537.81	27845.70	25195.47	22182.92	19270.73	17180.22	15689.91	14223.10	11847.78	9860.23
G 30.0	33862.03	33016.28	31726.67	30260.72	28669.38	26113.13	22990.86	19819.73	17445.05	15780.83	14078.21	11481.37	9620.03
G 31.0	34561.41	33672.19	32368.07	30935.03	29422.61	27009.24	23846.94	20424.79	17747.47	15849.57	13875.64	11127.56	9418.25
G 32.0	35270.92	34280.69	32946.16	31548.54	30113.20	27854.34	24720.28	21072.56	18087.03	15897.18	13623.19	10795.62	9240.02
G 33.0	35962.22	34828.22	33458.16	32095.24	30728.39	28620.69	25572.51	21748.61	18459.79	15934.02	13343.88	10483.99	9073.38
G 34.0	36602.60	35313.26	33908.37	32568.15	31252.39	29280.32	26365.43	22440.51	18875.88	15975.83	13061.50	10202.12	8892.42
G 35.0	37192.43	35749.81	34302.29	32966.39	31673.15	29819.46	27072.35	23139.29	19346.83	16039.11	12781.38	9911.73	8714.36
G 36.0	37741.74	36164.49	34644.79	33291.45	31994.58	30231.62	27670.27	23818.22	19855.98	16132.43	12523.37	9647.66	8556.03
G 37.0	38224.71	36567.69	34928.56	33537.23	32212.85	30524.98	28140.13	24443.02	20362.17	16237.40	12299.39	9400.86	8416.13
G 38.0	38592.54	36921.66	35132.28	33695.31	32324.44	30692.51	28461.65	24976.12	20824.97	16330.61	12127.88	9260.13	8281.58
G 39.0	38880.57	37173.60	35235.92	33758.19	32329.94	30742.25	28615.46	25387.60	21203.99	16399.73	12011.32	9172.09	8141.54
G 40.0	39140.89	37288.53	35223.73	33715.45	32228.50	30674.38	28622.33	25661.08	21466.54	16446.17	11952.65	9112.86	7991.61
G 41.0	39411.48	37294.93	35101.69	33555.42	32022.53	30498.39	28488.45	25789.81	21605.47	16479.32	11960.10	9074.63	7831.85
G 42.0	39699.53	37255.65	34890.97	33266.75	31716.56	30219.24	28243.05	25763.09	21609.59	16490.61	12008.56	9055.84	7658.88
G 43.0	40008.05	37216.51	34617.69	32855.31	31308.02	29838.83	27888.81	25565.02	21479.80	16473.98	12068.71	9059.99	7468.48
G 44.0	40358.07	37199.27	34319.75	32361.76	30792.90	29347.84	27426.26	25204.28	21204.73	16401.08	12116.58	9069.80	7258.61
G 45.0	40798.16	37123.83	34033.99	31826.39	30167.92	28738.16	26859.09	24683.94	20803.58	16243.40	12126.16	9054.45	7028.92
G 46.0	41368.89	37276.67	33790.65	31285.82	29426.85	28003.87	26186.49	24057.17	20304.08	15992.27	12076.43	8985.45	6777.37
G 47.0	42081.48	37418.06	33603.07	30763.16	28612.48	27159.27	25428.43	23345.76	19728.13	15651.21	11954.35	8842.43	6507.25
G 48.0	42803.67	37675.54	33476.65	30276.83	27793.69	26253.70	24608.83	22587.14	19091.75	15231.18	11759.99	8619.97	6228.52
G 49.0	43395.28	38079.84	33420.71	29848.35	27047.42	25342.01	23752.08	21784.64	18404.40	14747.38	11488.82	8323.14	5954.14
G 50.0	43736.34	38554.83	33423.07	29494.38	26429.69	24469.24	22879.00	20945.38	17670.76	14197.89	11133.24	7957.81	5692.13
G 51.0	43768.02	38869.06	33440.01	29219.86	25939.51	23666.22	21998.45	20062.11	16894.51	13588.80	10685.74	7531.29	5446.21
G 52.0	43469.94	38789.42	33428.95	29026.97	25566.93	22952.66	21121.90	19146.53	16086.61	12933.92	10142.90	7057.29	5220.11
G 53.0	42881.79	38231.07	33290.31	28829.94	25292.05	22343.49	20267.04	18210.62	15263.16	12245.30	9509.78	6558.50	5017.71
G 54.0	42158.03	37385.76	33027.59	28593.22	25089.87	21864.51	19454.27	17286.93	14441.79	11531.31	8796.56	6067.48	4838.14
G 55.0	41447.53	36450.24	32736.35	28344.12	24876.26	21493.61	18717.06	16395.66	13634.37	10796.81	8028.40	5624.96	4674.20
G 56.0	40571.91	35486.78	32036.36	28071.32	24562.50	21152.36	18055.29	15549.49	12839.09	10028.87	7246.89	5260.68	4515.17
G 57.0	39886.17	34326.87	30888.30	27334.59	24055.87	20747.52	17418.92	14754.12	12044.71	9210.41	6507.68	4972.98	4350.59
G 58.0	36196.06	32801.64	29593.10	26399.25	23318.86	20199.60	16753.15	13981.12	11228.52	8352.00	5864.54	4743.62	4175.69
G 59.0	32564.40	30854.91	28381.03	25357.57	22400.05	19445.60	16009.31	13195.90	10362.93	7489.68	5348.08	4544.20	3992.36
G 60.0	28921.50	28564.09	27347.01										

Luminaire			Measuram.			Lamp		
Code	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
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Lamps Flux	99736.58 lm	Maximum value	225589.00 cd	Position	C=90.00 G=60.00	CG Asymmetrical	
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	Luminous Intensity Table cd Table 4/18												
	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 0.0	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32
G 1.0	14138.89	14108.32	14078.73	14050.46	14025.75	14002.51	13980.89	13961.07	13943.19	13927.38	13913.84	13902.90	13894.42
G 2.0	14036.10	13982.65	13930.51	13880.57	13837.92	13797.71	13760.24	13726.76	13698.41	13673.51	13652.28	13635.01	13621.49
G 3.0	13950.35	13875.56	13805.65	13738.64	13676.52	13618.83	13565.25	13516.71	13473.70	13432.43	13396.38	13366.73	13343.75
G 4.0	13872.65	13777.17	13683.02	13592.77	13506.82	13425.60	13348.13	13277.63	13214.27	13157.91	13104.79	13059.68	13023.79
G 5.0	13791.87	13669.10	13547.21	13429.72	13318.61	13216.00	13119.37	13025.83	12938.45	12859.64	12792.09	12737.08	12693.71
G 6.0	13701.80	13549.97	13401.21	13262.02	13129.09	13001.56	12875.90	12760.51	12657.43	12571.45	12496.73	12433.67	12383.60
G 7.0	13608.56	13425.26	13255.98	13090.39	12928.04	12770.66	12628.36	12507.75	12396.08	12292.76	12200.56	12126.84	12072.20
G 8.0	13508.30	13302.44	13103.57	12906.20	12713.67	12544.39	12392.29	12242.80	12100.68	11976.18	11880.73	11807.61	11755.91
G 9.0	13407.93	13171.07	12942.29	12711.56	12506.03	12317.58	12124.96	11949.01	11800.37	11679.43	11576.83	11493.95	11413.43
G 10.0	13306.44	13038.23	12772.13	12524.53	12294.55	12064.32	11857.01	11673.60	11526.20	11374.00	11221.77	11063.09	10922.12
G 11.0	13207.84	12902.13	12609.24	12340.82	12062.77	11816.54	11589.88	11390.98	11147.76	10915.59	10701.23	10503.51	10355.44
G 12.0	13103.52	12764.46	12459.05	12132.45	11815.81	11550.18	11249.56	10911.38	10600.23	10341.45	10122.49	9965.12	9858.03
G 13.0	12992.75	12636.04	12291.53	11870.82	11492.47	11138.66	10736.68	10370.83	10089.70	9866.09	9688.67	9552.88	9458.92
G 14.0	12880.47	12513.85	12055.62	11513.12	11075.30	10666.66	10266.68	9960.75	9727.24	9523.49	9328.49	9163.50	9048.48
G 15.0	12776.98	12357.57	11728.79	11098.11	10677.55	10284.68	9938.83	9672.05	9426.74	9169.71	8934.84	8756.76	8634.30
G 16.0	12669.18	12116.58	11329.75	10741.70	10375.00	9995.67	9673.93	9388.00	9082.29	8771.99	8523.40	8339.16	8186.49
G 17.0	12530.03	11795.93	10970.36	10490.02	10113.02	9719.49	9393.69	9055.48	8671.15	8329.66	8069.13	7858.31	7687.88
G 18.0	12338.51	11451.48	10700.84	10267.70	9813.74	9420.61	9067.31	8651.01	8216.23	7869.35	7603.14	7402.43	7269.43
G 19.0	12087.76	11138.58	10465.70	9967.73	9473.63	9090.70	8685.56	8206.89	7768.13	7447.14	7218.57	7063.69	6973.29
G 20.0	11815.53	10849.03	10182.79	9602.41	9116.08	8714.52	8261.21	7761.37	7373.11	7114.81	6937.06	6815.50	6759.72
G 21.0	11529.36	10524.72	9819.41	9213.97	8741.81	8306.63	7817.67	7366.91	7065.34	6868.68	6727.94	6634.92	6583.40
G 22.0	11203.34	10140.61	9415.44	8833.51	8352.86	7885.39	7407.08	7054.61	6838.88	6681.44	6555.23	6461.44	6409.55
G 23.0	10813.16	9724.31	9024.97	8474.23	7970.40	7491.30	7082.37	6832.58	6664.30	6514.62	6388.49	6301.10	6248.53
G 24.0	10367.76	9329.11	8678.84	8140.37	7623.32	7162.27	6842.49	6664.47	6505.20	6356.55	6234.22	6142.29	6086.74
G 25.0	9921.93	8995.70	8379.74	7841.03	7327.05	6907.17	6675.97	6511.48	6352.81	6206.12	6073.50	5980.44	5910.89
G 26.0	9548.47	8759.19	8119.99	7577.93	7077.97	6725.17	6530.18	6363.03	6204.98	6049.58	5912.91	5802.82	5720.22
G 27.0	9265.87	8546.38	7890.81	7347.25	6873.89	6585.37	6387.56	6214.27	6051.44	5887.33	5734.47	5618.50	5535.32
G 28.0	9085.90	8311.79	7679.06	7134.72	6705.91	6449.36	6243.18	6060.89	5887.57	5706.24	5552.29	5438.44	5351.20
G 29.0	8902.28	8106.17	7474.75	6931.77	6561.91	6307.69	6091.23	5900.59	5710.89	5522.80	5376.02	5257.24	5165.75
G 30.0	8724.04	7908.85	7268.73	6736.71	6413.76	6159.67	5936.40	5735.33	5530.59	5350.45	5203.56	5083.62	4994.74
G 31.0	8542.88	7709.59	7053.77	6553.40	6256.99	6004.53	5781.17	5569.66	5359.98	5186.94	5042.21	4926.78	4848.02
G 32.0	8355.64	7505.11	6830.93	6376.79	6099.65	5853.75	5626.44	5403.68	5200.94	5030.28	4890.07	4788.92	4725.25
G 33.0	8161.95	7290.49	6613.60	6209.63	5944.16	5708.09	5471.53	5244.42	5045.46	4877.85	4752.59	4675.21	4622.94
G 34.0	7969.16	7065.34	6415.61	6056.36	5798.22	5560.96	5315.00	5091.40	4887.77	4737.22	4640.16	4579.48	4534.42
G 35.0	7782.62	6839.74	6243.79	5913.39	5661.43	5408.74	5159.84	4933.83	4739.92	4618.92	4547.26	4500.69	4472.42
G 36.0	7599.16	6628.36	6099.50	5777.91	5523.56	5250.42	5006.23	4771.83	4612.22	4520.72	4417.59	4441.35	4424.90
G 37.0	7413.91	6439.76	5968.23	5645.75	5377.89	5089.89	4847.30	4621.72	4502.08	4441.43	4412.17	4395.19	4385.97
G 38.0	7225.41	6271.22	5837.95	5508.24	5224.64	4932.95	4683.87	4498.43	4410.70	4372.19	4362.45	4354.64	4359.26
G 39.0	7026.64	6114.63	5704.35	5363.82	5065.34	4778.24	4532.38	4392.16	4332.58	4316.19	4316.06	4325.54	4339.49
G 40.0	6820.78	5961.56	5567.14	5217.72	4912.79	4625.02	4403.96	4299.19	4265.41	4271.24	4281.94	4306.10	4319.82
G 41.0	6604.54	5809.34	5424.40	5075.89	4768.93	4479.29	4295.50	4222.49	4214.09	4235.01	4260.48	4281.86	4290.11
G 42.0	6381.46	5660.12	5279.23	4935.15	4624.55	4345.15	4201.71	4162.13	4172.00	4206.86	4233.71	4245.71	4248.09
G 43.0	6157.84	5511.61	5136.10	4792.09	4475.80	4224.73	4122.31	4110.41	4145.16	4177.56	4194.27	4194.74	4190.26
G 44.0	5941.81	5360.48	4993.89	4644.00	4326.90	4116.93	4057.14	4064.83	4116.59	4140.32	4145.31	4135.06	4125.78
G 45.0	5740.71	5208.61	4849.44	4491.86	4185.65	4022.66	3997.37	4031.82	4080.33	4096.19	4089.06	4070.37	4056.44
G 46.0	5556.51	5059.05	4701.57	4339.94	4057.29	3937.40	3946.92	3996.38	4039.07	4043.10	4026.45	3993.58	3976.12
G 47.0	5387.41	4911.49	4552.19	4189.07	3946.07	3864.23	3903.51	3953.48	3986.53	3976.91	3950.71	3912.31	3895.35
G 48.0	5231.89	4764.37	4402.07	4042.10	3848.10	3803.98	3859.87	3907.50	3919.41	3907.58	3874.44	3835.37	3814.82
G 49.0	5089.28	4619.01	4254.13	3903.62	3761.81	3755.59	3820.33	3855.01	3845.13	3826.46	3801.69	3762.11	3730.02
G 50.0	4954.27	4476.34	4109.62	3781.31	3683.82	3710.57	3779.81	3788.39	3770.77	3741.78	3716.56	3673.77	3640.24
G 51.0	4817.09	4330.53	3965.40	3672.54	3613.57	3666.20	3727.66	3713.63	3692.16	3657.86	3625.23	3581.64	3550.14
G 52.0	4669.62	4178.84	3820.95	3572.97	3552.48	3619.76	3661.06	3634.22	3610.82	3568.20	3533.75	3498.37	3460.98
G 53.0	4510.50	4023.31	3677.23	3479.17	3499.21	3565.48	3582.06	3552.06	3525.11	3472.21	3448.31	3412.43	3375.66
G 54.0	4342.47	3867.54	3540.23	3392.60	3450.66	3502.32	3499.42	3467.25	3433.90	3381.58	3362.57	3320.77	3290.31
G 55.0	4170.10	3713.65	3414.38	3317.85	3400.27	3428.68	3416.81	3379.26	3344.64	3294.57	3266.83	3232.44	3201.84
G 56.0	3998.59	3562.19	3301.11	3256.20	3344.23	3345.74	3329.45	3285.44	3254.89	3202.76	3173.48	3143.61	3114.41
G 57.0	3832.47	3412.99	3197.32	3200.23	3277.61	3259.15	3237.14	3190.30	3162.83	3112.72	3081.67	3049.48	3031.88
G 58.0	3673.47	3269.54	3102.17	3142.28	3198.77	3172.80	3147.47	3092.21	3066.57	3021.49	2993.49	2957.67	2943.66
G 59.0	3519.26	3135.12	3018.57	3081.33	3114.58	3080.91	3055.26	2994.12	2967.33	2929.46	2906.70	2859.57	2853.20
G 60.0	3366.52	3010.47	2945.93	3015.36	3029.00	2984.12	2958.55	2900.53	2870.20	2839.05	2816.57	2769.24	2764.42
G 61.0	3215.50	2895.22	2881.09	2942.59	2939.64	2885.65	2863.16	2809.84	2777.98	2748.60	2728.93	2687.71	2675.38
G 62.0	3068.43	2789.16	2820.10	2863.09	2842.08	2786.20	2767.25	2714.89	2687.31	2654.32	2639.27	2598.25	2584.53
G 63.0	2925.84	2692.05	2755										

Luminaire			Measur.			Lamp		
Code	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
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Lamps Flux	99736.58 lm	Maximum value	225589.00 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	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32
G 1.0	13888.45	13885.05	13884.24	13886.49	13891.32	13898.69	13908.54	13920.78	13935.53	13952.45	13971.37	13992.12	14014.56
G 2.0	13611.99	13606.51	13604.96	13607.72	13614.51	13625.50	13640.78	13660.17	13683.87	13711.67	13743.36	13779.68	13819.64
G 3.0	13327.56	13318.22	13315.71	13317.44	13325.84	13340.81	13362.60	13391.31	13426.93	13469.20	13517.61	13573.22	13634.76
G 4.0	12997.71	12981.89	12976.58	12981.92	12997.38	13022.33	13056.08	13097.83	13146.73	13201.56	13262.90	13334.18	13416.39
G 5.0	12662.42	12643.57	12637.45	12644.27	12663.82	12695.80	12739.85	12795.54	12862.52	12939.83	13022.60	13107.55	13199.29
G 6.0	12347.23	12325.25	12318.27	12326.82	12350.25	12387.80	12438.69	12502.01	12575.72	12660.03	12763.34	12877.54	13000.26
G 7.0	12035.82	12015.48	12009.07	12015.12	12035.29	12071.88	12127.31	12203.06	12298.75	12402.97	12512.40	12628.13	12769.07
G 8.0	11721.76	11703.46	11699.87	11708.22	11729.58	11763.60	11811.71	11879.91	11970.01	12097.67	12244.80	12395.58	12541.71
G 9.0	11351.41	11312.12	11300.89	11320.87	11367.12	11433.02	11513.00	11588.61	11680.39	11792.18	11934.76	12117.34	12316.32
G 10.0	10817.73	10754.33	10732.36	10753.43	10816.00	10919.72	11062.44	11226.88	11366.11	11507.67	11665.13	11837.34	12044.47
G 11.0	10251.30	10192.02	10173.80	10194.66	10256.37	10361.77	10505.95	10696.62	10892.02	11094.87	11317.49	11555.52	11777.21
G 12.0	9798.93	9771.04	9764.85	9773.29	9803.38	9864.12	9970.70	10121.77	10323.10	10548.23	10815.09	11130.93	11455.21
G 13.0	9400.97	9372.60	9365.88	9373.82	9404.06	9464.83	9562.03	9698.46	9866.86	10065.32	10302.56	10618.12	11009.04
G 14.0	8976.09	8937.47	8927.01	8939.52	8980.30	9055.36	9174.15	9341.94	9531.42	9728.99	9932.47	10193.70	10558.95
G 15.0	8541.48	8479.98	8458.22	8482.70	8547.06	8643.37	8770.70	8954.45	9184.31	9435.23	9665.16	9903.36	10220.59
G 16.0	8062.46	7985.13	7959.50	7988.41	8068.77	8195.93	8352.33	8541.61	8791.61	9086.80	9377.50	9643.83	9952.04
G 17.0	7575.57	7510.91	7490.71	7511.92	7577.97	7692.58	7866.28	8080.15	8340.56	8670.99	9027.21	9340.68	9663.63
G 18.0	7202.40	7176.15	7171.53	7175.71	7200.61	7265.08	7397.42	7599.60	7865.12	8199.82	8603.67	8982.60	9328.40
G 19.0	6948.58	6959.55	6972.04	6962.05	6950.74	6970.40	7050.64	7198.14	7422.91	7733.33	8143.32	8579.38	8958.79
G 20.0	6754.54	6770.52	6782.53	6773.67	6758.32	6759.70	6807.44	6913.43	7074.86	7319.75	7686.04	8146.26	8564.04
G 21.0	6571.73	6582.45	6593.02	6586.68	6576.76	6582.29	6620.27	6701.93	6826.57	7001.19	7283.23	7704.40	8156.44
G 22.0	6394.25	6397.85	6403.51	6400.77	6397.88	6408.75	6449.08	6522.66	6633.07	6773.40	6968.79	7301.83	7748.20
G 23.0	6223.00	6209.24	6204.02	6208.48	6220.52	6240.62	6282.72	6359.61	6465.27	6595.16	6747.13	6987.32	7371.12
G 24.0	6046.44	6016.21	6004.54	6015.74	6042.64	6075.42	6120.33	6198.75	6313.77	6439.62	6577.86	6751.65	7061.78
G 25.0	5857.06	5825.20	5815.02	5822.90	5851.30	5897.60	5955.45	6038.41	6160.48	6296.81	6428.76	6579.40	6817.40
G 26.0	5663.52	5628.37	5615.54	5626.32	5655.91	5703.73	5775.03	5871.90	6000.58	6148.52	6287.04	6431.89	6628.30
G 27.0	5474.50	5432.06	5416.05	5432.62	5469.90	5516.69	5586.89	5691.17	5831.98	5986.63	6137.39	6290.49	6473.99
G 28.0	5284.06	5236.04	5216.56	5232.73	5276.27	5331.72	5400.70	5505.11	5645.64	5815.94	5976.20	6141.20	6331.33
G 29.0	5098.91	5060.11	5047.00	5055.14	5087.84	5144.44	5219.00	5322.22	5459.76	5630.88	5809.22	5983.54	6183.47
G 30.0	4937.33	4908.97	4897.39	4896.95	4918.61	4970.86	5045.68	5146.77	5282.56	5443.40	5637.98	5825.45	6028.39
G 31.0	4800.20	4776.26	4767.72	4769.54	4783.48	4823.65	4890.42	4983.93	5111.39	5269.05	5462.34	5670.05	5874.42
G 32.0	4683.42	4652.27	4638.06	4649.54	4676.62	4706.74	4758.29	4835.71	4950.64	5106.76	5289.74	5512.43	5726.99
G 33.0	4582.13	4557.08	4548.29	4554.84	4576.15	4604.94	4642.95	4703.94	4801.74	4948.32	5132.65	5351.80	5583.69
G 34.0	4508.97	4490.11	4478.47	4485.27	4500.25	4517.97	4547.54	4591.24	4668.66	4791.10	4982.24	5197.46	5435.94
G 35.0	4458.99	4441.27	4428.59	4432.91	4445.36	4455.30	4473.42	4502.39	4556.63	4652.65	4822.36	5047.86	5280.13
G 36.0	4413.46	4402.80	4398.67	4401.48	4403.58	4405.64	4410.22	4431.39	4461.54	4534.48	4664.34	4889.53	5125.94
G 37.0	4380.75	4373.56	4368.75	4373.29	4379.09	4371.06	4363.92	4364.97	4384.66	4429.25	4524.63	4722.10	4966.77
G 38.0	4360.55	4360.57	4358.77	4355.80	4355.25	4350.84	4332.24	4315.42	4317.59	4336.87	4401.95	4558.72	4798.87
G 39.0	4348.55	4343.05	4328.85	4335.55	4335.95	4327.50	4309.26	4280.35	4262.34	4260.16	4298.47	4410.61	4634.09
G 40.0	4325.81	4310.13	4298.93	4305.38	4313.18	4301.09	4287.26	4251.14	4215.94	4198.02	4210.99	4281.49	4476.99
G 41.0	4282.40	4264.56	4259.03	4264.73	4271.42	4269.23	4253.45	4230.51	4180.49	4146.52	4135.75	4180.11	4330.04
G 42.0	4231.80	4211.23	4199.19	4206.98	4221.39	4220.31	4214.81	4196.90	4156.96	4106.24	4074.52	4098.13	4197.51
G 43.0	4173.96	4152.38	4139.34	4143.87	4159.33	4167.78	4163.07	4153.88	4129.11	4077.92	4028.16	4023.58	4086.68
G 44.0	4107.30	4082.47	4069.52	4075.08	4087.62	4099.66	4103.45	4105.57	4089.30	4048.57	3991.02	3960.40	3989.23
G 45.0	4037.70	4011.97	3989.72	4002.65	4019.06	4028.27	4034.51	4043.10	4041.50	4013.88	3955.37	3908.33	3902.19
G 46.0	3961.73	3936.09	3919.90	3929.19	3946.68	3952.75	3962.70	3973.77	3984.02	3970.47	3917.87	3862.18	3824.30
G 47.0	3878.00	3853.83	3830.14	3841.64	3861.12	3873.10	3884.76	3901.10	3913.21	3912.41	3876.93	3817.50	3755.66
G 48.0	3793.29	3767.34	3750.34	3757.80	3771.93	3786.69	3805.15	3827.72	3839.15	3843.62	3827.73	3774.60	3697.32
G 49.0	3709.85	3685.16	3660.57	3673.37	3688.57	3701.93	3725.42	3753.90	3757.95	3772.90	3767.22	3732.71	3652.22
G 50.0	3621.87	3597.73	3580.78	3589.56	3599.37	3616.04	3639.04	3667.61	3674.16	3693.47	3698.37	3682.73	3612.05
G 51.0	3528.83	3508.56	3481.04	3504.95	3513.99	3527.88	3551.76	3577.41	3588.83	3613.59	3625.08	3620.86	3567.65
G 52.0	3442.17	3425.14	3401.24	3416.59	3429.82	3441.17	3465.29	3486.45	3502.25	3531.15	3543.95	3553.75	3518.57
G 53.0	3352.88	3337.65	3311.47	3330.12	3337.43	3354.42	3375.24	3394.62	3411.81	3443.63	3459.33	3480.76	3458.70
G 54.0	3259.92	3249.08	3221.70	3247.73	3247.84	3265.39	3284.57	3302.31	3322.42	3354.09	3373.57	3396.87	3388.37
G 55.0	3175.27	3160.18	3141.91	3151.36	3156.86	3176.34	3193.95	3210.88	3235.13	3265.73	3282.92	3308.34	3310.39
G 56.0	3083.61	3073.30	3052.14	3062.48	3066.54	3088.48	3103.52	3123.50	3142.20	3176.15	3187.14	3219.04	3225.87
G 57.0	2993.54	2989.17	2962.37	2980.31	2983.07	3001.36	3012.24	3035.58	3050.62	3085.48	3092.65	3127.97	3138.95
G 58.0	2904.53	2901.33	2872.60	2892.48	2894.51	2913.71	2920.43	2944.02	2962.50	2991.63	3001.72	3036.69	3052.82
G 59.0	2813.59	2811.66	2782.83	2802.27	2804.04	2824.68	2829.08	2854.17	2872.81	2896.03	2912.17	2946.41	2964.54
G 60.0	2725.82	2724.47	2693.06	2714.18	2714.30	2735.34	2738.25	2767.71	2780.17	2802.83	2820.45	2857.19	2873.00
G 61.0	2642.29	2640.88	2613.27	2632.35	2624.78	2645.75	2648.03	2679.99	2688.18	2712.29	2725.85	2765.88	2776.56
G 62.0	2547.79	2544.94	2523.50	2542.77	2535.15	2555.82	2559.43	2590.86	2593.74	2620.73	2632.22	2669.53	2676.65
G 63.0	2456.54	2453.00	2433.73	2444.57	2445.48	2465.77	24						

Luminaire		Measur.		Lamp	
Code	25-109-01	Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50	Code	L-ALO2_ES_A_50-2T12-4000-450-44
Name	ALO 2 2T12 ASN 7040.450-44M ES 50	Name	ALO 2 2T12 ASN 7040.450-44M ES 50	Number	1
Line	Eulumdat	Date	08-08-2025	Position	

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32	14243.32
G 1.0	14038.52	14063.82	14091.92	14121.11	14151.10	14181.71	14212.74
G 2.0	13862.40	13907.66	13958.43	14011.00	14064.69	14121.81	14180.24
G 3.0	13699.31	13769.05	13840.58	13914.51	13990.61	14067.78	14149.09
G 4.0	13508.39	13609.71	13711.89	13816.07	13917.12	14017.40	14118.74
G 5.0	13300.56	13423.98	13559.52	13697.21	13830.38	13957.68	14085.16
G 6.0	13118.24	13247.04	13399.32	13566.06	13728.65	13883.19	14043.42
G 7.0	12925.42	13083.88	13249.94	13436.39	13627.86	13803.55	13991.46
G 8.0	12705.54	12898.12	13100.88	13311.60	13527.74	13728.14	13934.87
G 9.0	12497.17	12695.63	12930.89	13181.56	13430.01	13660.58	13893.51
G 10.0	12283.82	12505.51	12748.93	13035.03	13326.65	13590.88	13859.70
G 11.0	12030.87	12318.22	12577.84	12880.26	13210.13	13514.88	13826.56
G 12.0	11747.89	12092.63	12422.83	12728.25	13086.92	13430.12	13786.15
G 13.0	11388.75	11796.13	12244.90	12589.64	12961.11	13339.04	13730.79
G 14.0	10967.96	11414.17	11987.60	12461.86	12835.39	13241.64	13670.89
G 15.0	10604.25	11008.90	11634.36	12298.59	12722.84	13139.36	13604.49
G 16.0	10329.96	10691.24	11235.77	12043.10	12612.54	13036.92	13533.74
G 17.0	10065.60	10457.68	10897.33	11709.74	12470.59	12942.86	13457.14
G 18.0	9738.90	10212.40	10641.37	11358.67	12267.91	12848.56	13378.34
G 19.0	9361.09	9871.97	10385.03	11034.99	11992.32	12739.11	13302.81
G 20.0	8968.79	9469.34	10057.17	10718.77	11682.68	12583.83	13234.80
G 21.0	8577.55	9057.18	9651.83	10353.73	11347.44	12379.72	13170.24
G 22.0	8191.13	8669.36	9223.56	9930.30	10965.76	12146.53	13101.12
G 23.0	7823.02	8317.59	8831.93	9490.07	10527.10	11859.18	13025.41
G 24.0	7491.43	7998.25	8502.81	9091.63	10059.05	11504.13	12924.65
G 25.0	7206.77	7711.25	8226.53	8773.27	9623.92	11072.96	12780.36
G 26.0	6966.92	7452.09	7984.86	8562.02	9286.36	10597.33	12553.02
G 27.0	6762.42	7218.04	7762.30	8367.26	9095.22	10152.65	12231.62
G 28.0	6584.36	7000.43	7546.45	8140.05	8913.20	9790.14	11839.77
G 29.0	6426.98	6793.01	7333.65	7930.21	8739.22	9537.87	11422.32
G 30.0	6270.13	6593.49	7121.63	7728.52	8553.62	9334.70	11031.71
G 31.0	6107.62	6404.50	6905.09	7529.28	8363.33	9176.10	10679.19
G 32.0	5948.08	6223.01	6682.47	7324.92	8171.93	8992.16	10366.79
G 33.0	5798.67	6051.57	6462.39	7107.63	7978.43	8819.72	10063.94
G 34.0	5660.06	5896.63	6259.90	6877.32	7789.36	8639.74	9758.67
G 35.0	5524.80	5757.66	6085.48	6644.64	7593.64	8471.56	9472.69
G 36.0	5383.42	5625.11	5938.95	6425.46	7387.19	8327.32	9250.71
G 37.0	5232.87	5491.18	5805.85	6231.41	7173.59	8197.58	9099.30
G 38.0	5079.30	5352.56	5673.05	6060.28	6962.91	8063.53	9015.97
G 39.0	4924.24	5208.01	5533.04	5901.60	6749.76	7915.95	8973.86
G 40.0	4767.87	5060.84	5387.20	5747.81	6532.04	7755.73	8951.11
G 41.0	4613.17	4914.39	5239.81	5597.26	6319.04	7585.98	8934.23
G 42.0	4460.74	4770.26	5093.22	5450.67	6108.36	7404.71	8919.94
G 43.0	4310.91	4625.77	4947.23	5305.57	5903.70	7206.22	8913.95
G 44.0	4167.70	4475.49	4800.93	5157.29	5707.73	6983.54	8902.79
G 45.0	4032.59	4316.03	4653.86	5003.72	5520.88	6732.53	8855.44
G 46.0	3908.66	4152.61	4503.90	4847.55	5340.90	6454.45	8741.23
G 47.0	3798.64	3996.22	4351.50	4693.10	5165.96	6159.10	8538.12
G 48.0	3704.38	3852.51	4199.67	4542.98	4999.53	5861.35	8238.42
G 49.0	3627.68	3723.09	4050.47	4395.83	4844.19	5577.76	7855.13
G 50.0	3558.55	3609.58	3906.36	4248.89	4697.74	5319.84	7412.87
G 51.0	3495.37	3510.13	3765.77	4099.88	4552.65	5092.22	6938.05
G 52.0	3438.70	3418.48	3625.94	3947.87	4399.41	4892.53	6456.25
G 53.0	3383.57	3330.98	3485.77	3792.74	4235.25	4715.87	5991.42
G 54.0	3330.41	3253.17	3353.52	3636.73	4064.68	4553.78	5565.74
G 55.0	3279.26	3188.34	3233.50	3483.16	3895.39	4394.47	5196.60
G 56.0	3223.06	3131.12	3125.07	3333.97	3731.53	4229.54	4890.42
G 57.0	3155.62	3074.78	3028.97	3189.64	3572.62	4055.57	4635.02
G 58.0	3077.39	3016.99	2946.52	3051.27	3417.37	3874.59	4413.32
G 59.0	2991.68	2956.10	2873.21	2921.16	3264.04	3691.16	4207.09
G 60.0	2901.55	2884.00	2805.00	2801.96	3111.54	3511.47	4003.89
G 61.0	2807.10	2801.00	2740.47	2696.13	2961.52	3339.65	3801.53
G 62.0	2711.08	2715.99	2677.18	2603.06	2816.63	3174.85	3602.30
G 63.0	2616.09	2630.20	2609.05	2519.00	2677.65	3013.08	3408.95
G 64.0	2520.32	2539.57	2529.72	2440.35	2543.76	2850.58	3223.87
G 65.0	2423.32	2442.14	2444.19	2365.05	2414.97	2687.39	3048.67
G 66.0	2327.01	2342.17	2363.01	2291.11	2293.35	2527.15	2882.04
G 67.0	2230.99	2243.27	2277.53	2216.58	2180.84	2373.22	2721.04
G 68.0	2135.30	2144.61	2182.01	2139.26	2079.90	2226.32	2562.48
G 69.0	2040.95	2045.74	2081.83	2057.39	1989.93	2086.10	2404.43
G 70.0	1944.73	1946.11	1980.54	1970.83	1906.11	1953.92	2247.20
G 71.0	1846.25	1845.75	1879.24	1878.30	1826.92	1831.23	2093.03
G 72.0	1747.49	1745.61	1778.66	1781.03	1750.90	1718.22	1944.28

Luminaire			Measur.			Lamp		
Code	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	2044.32	2292.46	2569.96	3008.74	3847.72	4621.01	4860.27	4671.43	4159.65	4066.00	5250.08	6623.84
G 74.0	1883.34	2117.16	2379.34	2767.06	3454.51	3968.05	4010.64	3982.33	3580.63	3728.14	4683.45	5682.51
G 75.0	1729.71	1947.21	2191.99	2535.61	3101.69	3411.55	3532.63	3405.30	3170.33	3390.80	4053.87	4852.49
G 76.0	1583.57	1780.80	2007.14	2310.40	2775.93	2952.03	3100.49	2918.54	2830.03	3023.95	3422.79	4107.56
G 77.0	1445.80	1616.50	1823.99	2086.35	2469.68	2597.85	2702.16	2507.58	2517.72	2631.44	2851.54	3416.70
G 78.0	1314.72	1454.51	1641.65	1861.01	2178.93	2266.03	2327.19	2147.21	2208.77	2219.43	2363.63	2771.20
G 79.0	1187.04	1296.14	1460.27	1634.71	1899.17	1939.33	1971.16	1819.93	1882.52	1798.91	1929.69	2161.05
G 80.0	1064.06	1143.27	1281.40	1409.59	1613.01	1620.31	1634.38	1512.83	1541.89	1402.12	1506.55	1576.93
G 81.0	948.70	997.89	1107.12	1188.19	1336.93	1312.88	1318.69	1209.80	1202.07	1043.57	1086.67	1048.33
G 82.0	841.12	860.87	939.02	970.05	1074.66	1022.91	1026.41	905.27	881.34	719.61	711.15	629.05
G 83.0	738.81	730.84	777.95	759.73	830.54	755.35	761.11	616.62	597.37	438.60	411.32	334.64
G 84.0	637.69	605.45	624.17	564.80	609.56	515.51	528.76	368.73	363.44	223.69	197.15	141.90
G 85.0	533.95	482.66	471.46	390.38	418.49	312.14	336.18	180.46	189.29	87.41	92.95	43.58
G 86.0	427.23	361.19	329.33	242.79	262.94	155.61	186.85	85.55	75.61	52.69	44.77	13.97
G 87.0	319.30	240.59	206.59	128.18	144.91	72.10	82.25	52.16	14.21	36.57	13.68	1.98
G 88.0	211.20	164.16	110.78	85.99	63.77	45.02	22.18	28.93	2.24	8.17	2.43	0.00
G 89.0	102.82	106.08	42.24	55.05	16.53	26.17	0.19	13.54	0.25	0.00	0.35	0.00
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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	17298.51	26689.20	34555.34	41120.91	40469.28	41932.00	39522.34	41193.53	36503.07	29625.55	19370.74	12650.12	8004.64
G 74.0	13678.18	20930.16	25835.29	29979.28	29350.85	30950.29	28885.31	30192.39	27510.15	22981.13	15293.97	10279.56	6847.93
G 75.0	10738.41	15916.03	19086.97	21934.47	20770.36	22292.59	20584.28	22203.67	20352.52	17413.14	12092.27	8410.70	5795.11
G 76.0	8239.50	11812.17	13232.38	14794.42	14197.87	14971.44	14113.74	14880.40	14023.93	13031.84	9330.94	6902.99	4856.15
G 77.0	6092.47	8472.59	9005.81	10282.88	9994.24	10891.95	9972.84	10357.03	9567.89	9425.79	6896.12	5552.17	4004.99
G 78.0	4345.41	5884.90	5915.14	6729.74	6275.63	6563.10	6211.40	6789.67	6371.88	6529.72	4907.98	4272.11	3239.97
G 79.0	3018.56	3809.11	3700.69	4203.66	3879.20	4179.24	3862.43	4250.16	3987.82	4216.33	3409.99	3141.98	2541.62
G 80.0	1974.16	2223.63	2232.85	2613.50	2189.68	2523.50	2193.89	2668.98	2441.78	2509.12	2251.43	2219.41	1884.51
G 81.0	1102.40	1033.78	891.39	918.96	732.77	758.05	737.87	928.41	1017.03	1243.81	1288.05	1452.09	1282.99
G 82.0	504.69	348.28	297.25	327.51	224.34	289.26	260.60	326.69	340.39	446.19	604.69	803.96	787.12
G 83.0	206.69	131.63	148.54	144.02	113.23	139.64	122.93	144.64	147.69	154.16	248.22	359.69	424.78
G 84.0	93.54	57.68	52.06	43.31	42.81	49.87	38.34	43.10	54.52	91.79	96.60	131.37	176.58
G 85.0	35.67	13.10	5.82	7.69	7.74	0.00	9.26	7.55	10.56	45.89	25.51	44.55	44.45
G 86.0	4.44	0.00	0.40	0.44	0.00	0.00	0.00	0.29	4.15	3.39	1.28	12.30	12.41
G 87.0	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.06	0.27	1.49	5.47
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	0.02	2.44
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	0.30
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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	6161.95	4661.87	4494.79	4994.59	4964.69	5052.90	4263.78	3500.46	2937.75	2680.73	2337.43	2080.01	1833.30
G 74.0	5492.11	4274.85	3966.70	4293.29	4250.01	4360.52	3873.21	3231.95	2735.66	2496.88	2167.58	1932.79	1730.89
G 75.0	4756.00	3880.01	3562.20	3771.26	3684.61	3803.71	3506.19	2977.08	2535.52	2314.09	2003.82	1788.21	1630.59
G 76.0	4023.46	3458.93	3178.29	3343.54	3245.76	3367.73	3152.83	2732.75	2335.20	2130.46	1846.15	1647.22	1532.03
G 77.0	3352.73	3016.11	2796.23	2947.20	2890.83	2997.15	2811.92	2491.93	2134.32	1946.63	1694.51	1511.29	1435.31
G 78.0	2763.38	2549.67	2425.48	2560.40	2571.21	2638.91	2484.34	2248.10	1933.53	1765.91	1548.59	1381.90	1340.55
G 79.0	2237.44	2069.02	2060.12	2179.65	2245.46	2280.74	2169.86	1998.42	1733.27	1591.17	1408.21	1259.99	1245.80
G 80.0	1753.75	1622.18	1693.46	1807.46	1900.00	1930.76	1866.40	1745.92	1534.69	1422.94	1273.29	1147.30	1147.97
G 81.0	1302.09	1225.18	1331.92	1447.27	1548.42	1594.37	1570.61	1495.61	1338.71	1259.38	1143.27	1045.72	1048.56
G 82.0	887.54	861.19	988.82	1102.95	1207.66	1271.72	1281.01	1247.17	1146.05	1097.88	1017.31	954.12	947.29
G 83.0	526.71	533.39	682.33	785.03	894.27	967.86	1001.94	1001.66	956.93	937.31	893.55	866.05	840.36
G 84.0	244.34	275.23	428.60	507.75	621.96	692.19	742.96	768.09	771.04	780.10	769.23	774.99	726.07
G 85.0	105.61	109.42	235.87	283.79	398.38	452.12	515.61	556.22	589.15	629.58	640.89	677.28	606.30
G 86.0	57.08	64.82	102.39	149.48	225.72	256.61	328.84	373.18	417.51	488.46	505.43	570.68	485.16
G 87.0	28.95	43.22	21.43	89.35	103.86	138.04	185.75	225.40	266.38	359.37	363.01	455.55	367.14
G 88.0	10.70	9.23	4.16	47.35	30.54	84.90	84.69	118.20	144.52	245.74	220.58	337.55	255.65
G 89.0	0.91	0.00	1.03	20.87	0.26	47.01	22.94	51.21	56.04	151.98	92.19	227.69	154.25
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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	1839.13	1826.58	1798.55	1747.51	1736.34	1700.78	1695.03	1658.70	1659.31	1631.87	1633.48	1601.16	1600.39
G 74.0	1757.40	1720.55	1691.07	1644.28	1636.12	1600.76	1602.57	1565.86	1569.27	1537.03	1537.68	1512.23	1515.90
G 75.0	1668.32	1614.03	1586.53	1544.55	1534.63	1501.11	1505.95	1472.06	1475.70	1444.86	1441.17	1422.34	1420.71
G 76.0	1571.94	1506.94	1483.78	1444.87	1431.82	1401.91	1407.33	1376.05	1379.87	1353.69	1350.14	1328.26	1328.72
G 77.0	1470.36	1398.22	1378.90	1341.67	1330.30	1303.02	1309.94	1282.93	1285.84	1262.47	1259.18	1237.05	1238.14
G 78.0	1364.40	1288.23	1271.22	1234.90	1233.22	1205.20	1211.04	1188.68	1191.65	1168.17	1167.35	1142.39	1141.12
G 79.0	1253.59	1178.67	1164.48	1128.94	1138.13	1108.71	1111.59	1089.11	1094.40	1070.09	1074.80	1047.49	1047.05
G 80.0	1138.70	1070.81	1060.56	1026.64	1040.13	1011.98	1015.44	990.57	1001.18	971.59	976.35	952.24	953.41
G 81.0	1022.20	964.39	958.00	927.69	939.61	912.89	922.59	896.45	905.95	872.45	878.19	853.39	857.17
G 82.0	907.66	858.43	855.64	829.63	839.01	813.08	827.16	803.42	806.73	775.68	782.36	753.74	759.87
G 83.0	797.87	752.92	754.26	730.22	740.14	716.66	727.41	705.03	707.76	679.66	684.15	654.47	662.01
G 84.0	691.70	647.73	654.48	629.53	640.91	621.72	626.82	599.40	608.78	578.88	581.37	553.84	561.74
G 85.0	585.53	540.81	554.75	529.37	539.03	521.72	527.61	492.27	506.43	470.89	473.52	445.31	452.14
G 86.0	477.39	432.63	453.64	432.06	435.75	416.03	426.59	393.02	402.58	365.55	368.76	344.38	345.72
G 87.0	369.33	327.23	352.66	337.48	337.38	313.77	326.22	303.80	310.63	283.31	285.94	270.77	271.94
G 88.0	266.05	229.36	255.99	245.36	250.92	227.64	236.35	226.13	237.99	221.33	224.84	211.29	217.27
G 89.0	174.80	142.23	170.27	158.78	176.45	153.86	161.16	158.53	171.92	163.32	165.20	153.58	163.60
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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulumdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	1578.57	1574.12	1546.02	1565.99	1560.07	1579.29	1572.24	1594.09	1588.47	1611.55	1607.73	1624.74	1626.72
G 74.0	1490.14	1485.01	1466.22	1483.61	1477.18	1498.26	1489.19	1509.85	1500.70	1521.12	1517.40	1532.89	1530.14
G 75.0	1398.35	1395.47	1376.46	1393.66	1381.77	1408.49	1397.10	1419.37	1411.17	1429.51	1422.79	1442.17	1430.03
G 76.0	1306.98	1305.35	1286.69	1296.87	1288.91	1311.11	1301.00	1318.93	1317.57	1337.22	1325.99	1348.95	1331.68
G 77.0	1210.15	1216.38	1196.92	1206.03	1198.38	1219.35	1211.96	1226.13	1223.44	1246.25	1232.56	1253.32	1236.58
G 78.0	1117.53	1124.57	1107.15	1115.04	1109.27	1128.10	1122.51	1136.99	1128.62	1152.69	1138.17	1156.32	1142.59
G 79.0	1020.13	1028.15	1007.41	1018.94	1018.09	1031.90	1023.40	1043.66	1030.85	1054.64	1041.32	1059.40	1047.20
G 80.0	928.10	935.54	917.64	925.19	919.34	937.75	925.98	947.68	938.69	961.93	948.67	964.75	950.65
G 81.0	830.61	837.40	817.89	829.08	819.40	840.89	832.82	854.18	843.27	868.38	855.20	872.69	855.27
G 82.0	738.06	737.51	718.15	736.54	720.13	741.07	735.31	759.32	744.85	769.68	757.89	777.33	760.65
G 83.0	632.38	638.26	618.41	637.27	620.99	641.70	634.10	659.18	647.38	668.98	659.96	677.89	663.56
G 84.0	530.14	537.85	508.69	528.58	520.17	540.81	527.93	553.91	546.39	566.76	556.54	576.61	563.82
G 85.0	422.24	427.33	408.95	418.28	410.98	432.69	422.11	444.31	439.39	465.94	450.69	475.40	464.47
G 86.0	324.22	323.02	309.20	322.97	313.46	334.74	331.29	347.94	335.96	370.80	353.87	376.53	369.01
G 87.0	258.27	259.24	249.36	257.53	251.98	268.94	261.36	275.01	260.12	285.82	271.25	284.33	280.93
G 88.0	203.03	208.34	199.49	200.78	198.41	211.49	201.66	216.00	205.37	215.24	200.95	204.92	202.11
G 89.0	149.51	151.37	139.64	150.36	143.35	156.05	143.67	156.14	146.76	154.77	137.72	139.02	134.08
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	25-109-01	Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50	Code	L-ALO2_ES_A_50-2T12-4000-450-44
Name	ALO 2 2T12 ASN 7040.450-44M ES 50	Name	ALO 2 2T12 ASN 7040.450-44M ES 50	Number	1
Line	Eulmdat	Date	08-08-2025	Position	

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	1648.79	1645.81	1679.46	1681.76	1674.13	1618.56	1801.77
G 74.0	1549.69	1545.74	1581.53	1580.80	1594.08	1534.23	1665.23
G 75.0	1451.53	1446.66	1483.73	1478.69	1507.18	1453.56	1534.62
G 76.0	1354.98	1349.22	1384.27	1378.52	1410.55	1366.96	1410.33
G 77.0	1257.72	1252.23	1281.84	1280.52	1311.27	1279.94	1292.88
G 78.0	1158.95	1154.21	1177.26	1182.20	1213.36	1193.79	1182.48
G 79.0	1062.42	1055.85	1073.54	1080.77	1113.87	1104.85	1078.94
G 80.0	969.30	957.96	972.79	977.09	1012.52	1013.38	981.48
G 81.0	875.36	860.32	875.75	874.82	911.38	918.68	888.81
G 82.0	778.78	762.53	780.93	774.93	810.56	819.95	800.24
G 83.0	680.51	664.14	685.92	675.79	708.46	717.61	714.37
G 84.0	580.97	565.52	589.12	575.55	604.99	612.20	628.88
G 85.0	481.39	467.91	490.60	473.64	501.41	503.98	541.43
G 86.0	386.07	373.32	392.97	371.98	399.63	393.96	450.15
G 87.0	299.38	281.98	299.69	274.17	301.72	284.67	355.57
G 88.0	220.62	193.89	214.32	183.91	211.31	182.07	263.28
G 89.0	149.32	113.98	141.14	104.85	134.03	94.98	180.13
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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	25-109-01		Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50		Code	L-ALO2_ES_A_50-2T12-4000-450-44	
Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Name	ALO 2 2T12 ASN 7040.450-44M ES 50		Number	1	
Line	Eulmdat		Date	08-08-2025		Position		

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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	25-109-01	Code	25-109-01_ALO 2 2T12 ASN 7040.450-44M ES 50	Code	L-ALO2_ES_A_50-2T12-4000-450-44
Name	ALO 2 2T12 ASN 7040.450-44M ES 50	Name	ALO 2 2T12 ASN 7040.450-44M ES 50	Number	1
Line	Eulmdat	Date	08-08-2025	Position	

Luminaire Flux	99736.58 lm	Luminaire Power	678.70 W	Efficacy	146.95 lm/W	Efficiency	100.00%
Lamps Flux	99736.58 lm	Maximum value	225589.00 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