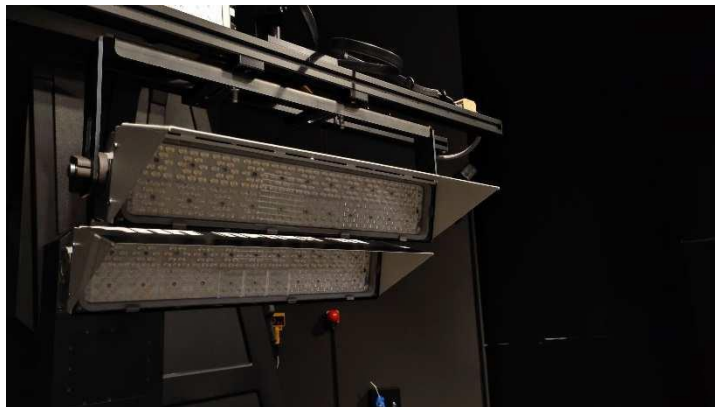


# Photometric and Colorimetric Report



Manufacturer	AEC ILLUMINAZIONE SRL
Product type	Outdoor Lighting Luminaire
Photometry code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50
Luminaire code	25-109-03
Reference number	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50
Luminaire description	ALO 2 2AB10 HPO03 7040.380-44M ES_50
Date of test	25-08-2025
Date of issue	25-08-2025

## Luminaire picture



Photometric laboratory manager	Luca Ginepri	
Photometric laboratory technician	Alessio Vagheggi	

# Photometric and Colorimetric Report



## Summary and Annex

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

# 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	SAMSUNG LH181B		
Ballast type	Electronic		
Ballast model	2x ENEDO DLD600H-H120-DA		

## 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)	73621.16
Luminaire input power (W)	506
Luminaire efficiency (lm/W)	145.4
BUG RATING	B4 U0 G5
CCT (K)	4057
CRI	73
Cromatic coordinates x,y	0.3792 0.3799
Duv	0.0018
Note and comments	

## EQUIPMENT

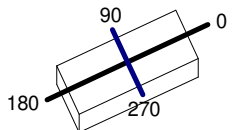
AEC CODE	INSTRUMENT	MANUFACTURER	MODEL
Q601	Mirror goniophotometer	LMT	GO-DS 1600
Q623	Photometer-Unit with photometer head	LMT	SP 30 S0T-1S
Q603	Spectroradiometer	LMT	SM8117 GO-DS
Q611	Power meter	Yokogawa	WT310
Q613	AC Power source	Keysight	AC6803B

Luminaire		Measurem.		Source	
Code	25-109-03	Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50	Code	L-ALO2_ES_A_50-2AB10-4000-380-4
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Number	1
Line	Eulumdat	Date	25-08-2025	Position	

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	CG	Asymmetrical
Rectangular Luminaire		Length	275 mm	Width	680 mm	Height	310 mm
Rectangular Luminous Area		Length	260 mm	Width	620 mm	Height	22 mm
Horizontal Luminous Area		0.161200 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.039000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.076839 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		25-08-2025		Maximum Gamma Angle		180	

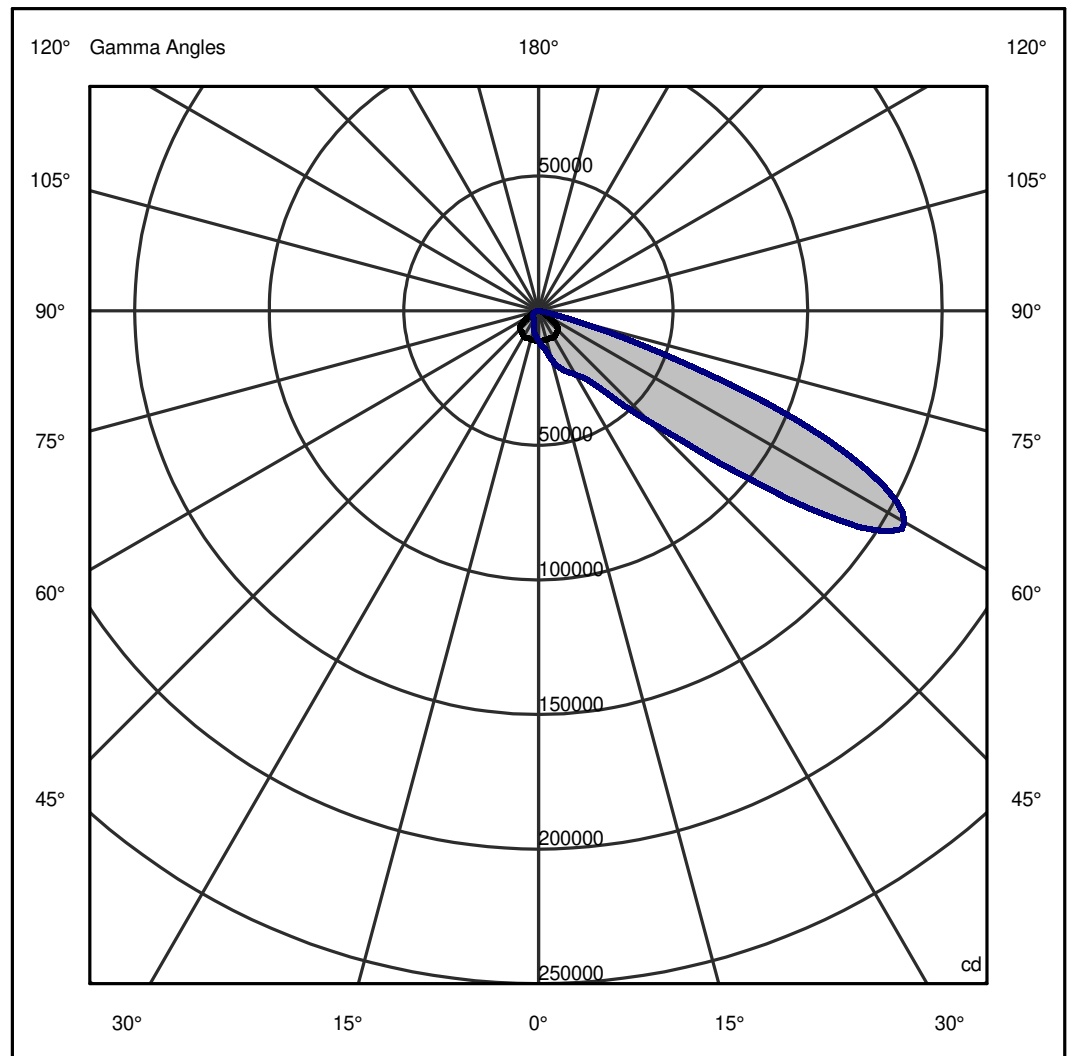
Luminaire Sources						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	L-ALO2_ES_A_50-2AB10-4000-380-44M-70-25	ALO 2 2AB10-4000-380-44M-70-25	73621.16	506.00	1	
C.I.E.	29 72 98 100 100	D DIN 5040	A10			
F UTE	1.00 I	B NBN	BZ 7 / 0.8 / BZ 6 / 1.5 / BZ 5			

275mm x 680mm



C Halfplanes  
180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



Luminaire			Measurem.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18
G 1.0	11111.67	11142.44	11173.09	11203.30	11233.03	11262.01	11289.91	11316.51	11341.57	11364.88	11386.22	11405.42	11422.25
G 2.0	11100.75	11160.21	11220.39	11282.11	11342.99	11401.97	11458.63	11512.77	11563.22	11609.82	11652.89	11691.81	11725.17
G 3.0	11086.40	11173.93	11266.15	11359.73	11451.47	11540.59	11623.50	11702.46	11774.49	11841.55	11902.29	11956.11	12003.86
G 4.0	11071.92	11192.74	11316.27	11440.12	11560.47	11673.56	11780.15	11878.59	11969.79	12054.64	12132.53	12205.66	12274.23
G 5.0	11073.13	11221.73	11372.55	11522.56	11667.97	11805.52	11934.00	12053.05	12163.61	12267.22	12366.75	12462.83	12552.78
G 6.0	11079.65	11256.71	11432.07	11606.00	11778.22	11943.46	12096.65	12236.03	12364.93	12489.58	12614.18	12736.19	12847.98
G 7.0	11086.83	11293.28	11491.79	11691.47	11896.36	12091.59	12267.15	12424.75	12576.24	12731.15	12886.71	13035.71	13171.68
G 8.0	11092.91	11327.80	11551.02	11782.39	12021.93	12244.65	12439.70	12619.16	12801.08	12988.79	13175.72	13353.65	13512.91
G 9.0	11095.46	11358.18	11611.03	11878.80	12150.88	12394.78	12611.02	12821.30	13038.40	13260.79	13480.69	13681.96	13854.02
G 10.0	11096.46	11385.66	11672.59	11978.14	12277.11	12543.33	12789.36	13038.29	13296.08	13554.95	13797.43	14010.74	14197.16
G 11.0	11096.64	11411.82	11735.53	12077.66	12402.87	12696.76	12982.30	13277.35	13576.90	13861.94	14119.71	14358.11	14578.87
G 12.0	11095.01	11438.32	11798.59	12174.58	12530.59	12861.68	13192.93	13534.93	13868.87	14177.64	14469.66	14755.21	15033.60
G 13.0	11090.64	11467.11	11862.17	12270.93	12665.61	13041.62	13418.15	13800.11	14171.04	14525.30	14878.36	15238.15	15603.90
G 14.0	11083.78	11497.90	11928.18	12371.01	12811.41	13237.51	13656.15	14079.03	14510.70	14942.36	15379.35	15844.70	16305.45
G 15.0	11075.48	11530.33	11998.63	12478.09	12969.46	13452.60	13918.02	14403.33	14930.36	15466.84	16010.70	16575.53	17113.30
G 16.0	11066.41	11565.26	12075.13	12594.62	13141.52	13693.51	14230.97	14807.29	15454.03	16106.93	16749.54	17383.62	17967.26
G 17.0	11056.97	11603.35	12158.77	12723.74	13333.46	13975.57	14620.64	15307.87	16075.07	16831.24	17532.94	18197.75	18798.64
G 18.0	11047.42	11644.51	12249.05	12868.70	13553.96	14301.36	15093.84	15900.43	16764.75	17592.50	18312.26	18978.12	19572.82
G 19.0	11040.15	11689.33	12345.26	13031.75	13812.01	14704.01	15639.63	16554.04	17492.59	18363.43	19085.12	19742.25	20318.20
G 20.0	11038.04	11738.20	12447.85	13214.84	14114.12	15157.54	16240.42	17249.39	18239.23	19139.59	19869.63	20511.17	21055.13
G 21.0	11045.95	11792.88	12559.95	13420.76	14460.04	15657.80	16878.56	17975.19	18990.90	19908.40	20641.28	21249.46	21747.79
G 22.0	11065.36	11854.18	12683.95	13649.89	14843.26	16191.54	17537.60	18707.09	19722.07	20629.69	21343.02	21891.25	22341.91
G 23.0	11098.56	11923.93	12820.85	13903.24	15257.72	16747.63	18199.89	19414.67	20402.50	21267.29	21945.24	22432.03	22848.41
G 24.0	11143.19	12002.06	12972.83	14187.93	15698.94	17315.94	18847.23	20074.14	21013.04	21825.91	22477.28	22926.12	23331.67
G 25.0	11195.25	12092.49	13144.60	14501.79	16163.85	17887.73	19461.32	20667.01	21554.70	22337.68	22978.34	23407.06	23822.24
G 26.0	11246.61	12196.74	13334.85	14845.54	16650.65	18454.47	20033.69	21196.40	22046.04	22823.82	23455.57	23868.39	24308.31
G 27.0	11290.28	12313.69	13555.98	15224.94	17157.12	19008.96	20558.11	21667.93	22500.28	23283.46	23905.26	24313.42	24781.30
G 28.0	11315.76	12441.39	13797.84	15635.27	17674.60	19542.85	21032.84	22089.19	22920.86	23711.06	24335.93	24763.04	25241.64
G 29.0	11315.03	12574.94	14063.79	16061.88	18190.58	20047.50	21460.88	22471.34	23308.42	24111.38	24758.84	25213.04	25676.14
G 30.0	11288.55	12722.35	14344.90	16495.89	18691.59	20514.47	21847.28	22820.24	23664.20	24491.78	25176.27	25645.94	26075.19
G 31.0	11237.16	12883.44	14652.80	16930.15	19165.36	20938.20	22194.24	23137.95	23991.46	24857.29	25585.65	26057.42	26457.40
G 32.0	11165.44	13060.48	14980.54	17355.92	19605.22	21314.52	22499.46	23425.53	24296.15	25208.69	25982.78	26450.52	26847.54
G 33.0	11084.29	13245.29	15323.55	17762.66	20002.29	21638.02	22758.96	23684.55	24582.59	25541.69	26359.68	26825.06	27250.96
G 34.0	11001.36	13422.15	15659.56	18138.22	20343.85	21903.76	22970.17	23915.19	24851.48	25849.39	26702.11	27177.31	27663.57
G 35.0	10914.78	13580.07	15975.28	18468.55	20627.22	22108.73	23135.48	24113.07	25091.49	26123.49	26992.47	27509.36	28089.26
G 36.0	10827.09	13713.41	16258.95	18745.63	20841.25	22251.85	23258.55	24271.30	25285.13	26359.18	27240.58	27838.50	28551.73
G 37.0	10742.21	13813.74	16502.34	18960.60	20978.01	22330.62	23340.92	24383.01	25417.15	26555.86	27472.00	28183.95	28907.74
G 38.0	10663.68	13873.96	16694.33	19110.21	21032.27	22338.53	23373.67	24439.08	25491.61	26715.11	27706.77	28567.63	29325.28
G 39.0	10594.54	13884.93	16818.05	19188.64	21000.94	22273.26	23341.64	24427.68	25519.05	26683.47	27953.61	29016.88	30501.72
G 40.0	10536.00	13844.54	16858.49	19193.71	20896.19	22138.76	23231.07	24338.10	25509.05	26827.43	28222.51	29588.26	31419.91
G 41.0	10481.45	13753.99	16810.70	19126.82	20722.37	21938.88	23040.88	24175.02	25464.33	27008.62	28550.75	30310.97	32504.79
G 42.0	10419.98	13616.48	16674.97	18976.21	20481.65	21677.13	22782.66	23952.55	25382.03	27121.12	28988.47	31143.60	33708.31
G 43.0	10349.08	13438.98	16461.91	18743.43	20174.46	21351.73	22467.89	23688.75	25268.76	27284.17	29547.16	32029.04	34926.08
G 44.0	10270.66	13226.29	16183.35	18433.47	19801.03	20962.74	22104.34	23403.82	25159.41	27496.50	30176.94	32938.38	36095.11
G 45.0	10172.50	12978.66	15845.19	18050.94	19362.92	20509.43	21703.11	23117.97	25099.95	27755.91	30811.24	33850.82	37192.61
G 46.0	10037.52	12694.10	15452.96	17602.30	18866.66	20005.14	21275.50	22847.77	25113.93	28047.88	31382.44	34687.82	38157.72
G 47.0	9855.79	12369.05	15011.99	17095.31	18324.59	19467.72	20833.88	22601.83	25178.30	28344.09	31828.12	35337.96	38911.12
G 48.0	9628.07	12002.86	14528.82	16539.34	17754.91	18916.05	20396.29	22393.51	25262.38	28606.36	32096.33	35722.06	39420.84
G 49.0	9355.03	11597.52	14010.27	15950.13	17172.49	18371.37	19991.13	22241.33	25334.82	28754.41	32135.22	35789.50	39695.04
G 50.0	9032.26	11157.76	13463.36	15342.14	16592.14	17861.70	19645.39	22154.87	25341.10	28689.96	31899.08	35576.33	39810.92
G 51.0	8653.89	10685.16	12893.22	14724.84	16025.97	17408.90	19382.88	22078.64	25211.40	28355.23	31453.48	35211.47	39824.54
G 52.0	8215.67	10178.29	12304.04	14104.33	15484.64	17036.84	19181.04	21929.65	24889.51	27827.72	30931.82	34774.24	39636.69
G 53.0	7716.56	9638.64	11701.39	13485.11	14975.51	16736.78	18979.10	21639.65	24395.22	27217.79	30392.45	34184.35	39123.03
G 54.0	7160.96	9072.49	11094.33	12871.93	14500.34	16459.68	18715.02	21194.94	23784.53	26581.55	29721.73	33330.13	38375.69
G 55.0	6572.34	8488.44	10491.36	12267.23	14047.50	16150.22	18343.88	20628.45	23103.04	25864.26	28795.34	32209.23	36838.73
G 56.0	5972.80	7894.36	9894.76	11670.23	13585.02	15763.89	17855.27	19974.95	22349.55	24993.24	27562.68	30609.18	35097.89
G 57.0	5384.82												

Luminaire			Measurem.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd													Table 2/18
	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 0.0	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18
G 1.0	11436.82	11448.89	11458.31	11464.92	11468.85	11470.08	11468.40	11464.05	11456.99	11447.14	11434.65	11419.71	11402.51
G 2.0	11754.04	11778.22	11797.29	11811.09	11819.21	11821.80	11818.27	11809.26	11794.58	11774.69	11749.72	11720.16	11685.96
G 3.0	12045.72	12080.83	12108.67	12128.70	12140.59	12144.37	12139.22	12126.04	12104.72	12075.69	12039.45	11996.60	11947.93
G 4.0	12335.50	12388.68	12431.86	12463.80	12483.31	12489.33	12481.07	12459.50	12425.68	12380.81	12326.21	12263.71	12194.21
G 5.0	12631.98	12699.03	12751.51	12788.52	12810.29	12816.81	12807.83	12783.64	12744.16	12689.24	12620.08	12539.05	12447.75
G 6.0	12945.59	13027.36	13091.74	13137.30	13163.96	13171.92	13161.09	13131.52	13082.96	13015.66	12931.21	12831.08	12717.22
G 7.0	13290.31	13387.47	13462.46	13515.07	13545.61	13554.56	13542.05	13507.95	13451.88	13373.60	13273.05	13151.39	13012.87
G 8.0	13647.04	13755.54	13841.33	13905.18	13944.42	13956.50	13941.27	13898.72	13830.33	13739.45	13627.28	13489.07	13326.45
G 9.0	13998.61	14123.14	14228.10	14304.78	14353.40	14369.18	14350.48	14298.63	14214.75	14104.72	13977.00	13828.38	13651.53
G 10.0	14362.32	14509.81	14636.65	14737.39	14800.40	14820.29	14793.78	14727.43	14622.91	14487.08	14337.29	14168.90	13978.55
G 11.0	14782.97	14972.08	15139.80	15282.97	15374.82	15404.80	15369.02	15268.94	15116.19	14943.05	14751.21	14544.75	14321.15
G 12.0	15304.19	15555.46	15777.31	15971.95	16097.09	16134.80	16086.30	15951.49	15742.68	15517.58	15261.70	14989.47	14709.99
G 13.0	15950.77	16262.35	16527.89	16771.26	16925.40	16971.57	16907.93	16738.59	16486.33	16216.26	15897.00	15546.14	15179.77
G 14.0	16721.94	17075.69	17369.57	17613.68	17775.57	17828.10	17756.75	17579.32	17325.79	17023.58	16659.29	16233.90	15769.37
G 15.0	17582.06	17974.43	18282.57	18514.93	18690.04	18754.62	18667.82	18481.74	18239.47	17917.30	17512.10	17031.33	16485.48
G 16.0	18472.60	18897.85	19205.11	19421.40	19586.86	19648.89	19565.24	19389.96	19163.57	18837.33	18396.40	17879.07	17284.32
G 17.0	19320.92	19765.87	20068.21	20265.94	20422.98	20486.52	20402.46	20237.41	20028.82	19703.48	19241.31	18708.08	18094.77
G 18.0	20082.59	20530.27	20827.85	21014.57	21165.01	21230.16	21148.18	20990.86	20790.09	20467.36	20003.98	19484.19	18875.33
G 19.0	20782.02	21197.01	21476.11	21652.84	21804.00	21865.20	21786.65	21629.48	21441.28	21137.55	20710.65	20234.78	19640.90
G 20.0	21450.29	21798.50	22037.82	22203.09	22346.85	22400.52	22331.25	22177.37	22006.86	21748.32	21390.94	20979.49	20412.99
G 21.0	22073.54	22349.80	22542.39	22703.02	22868.94	22936.75	22847.26	22676.35	22515.80	22310.70	22026.30	21681.09	21157.60
G 22.0	22616.18	22861.18	23029.62	23196.15	23395.99	23460.02	23369.82	23162.46	22906.03	22626.56	22257.88	21828.13	21308.63
G 23.0	23100.19	23364.32	23540.06	23706.36	23930.84	24014.05	23902.51	23696.39	23514.73	23326.90	23060.11	22794.74	22357.80
G 24.0	23578.49	23876.10	24073.26	24219.90	24437.50	24526.94	24407.29	24201.15	24048.82	23832.11	23536.75	23279.61	22856.26
G 25.0	24080.09	24382.20	24578.53	24699.68	24899.78	24972.34	24861.36	24672.97	24556.83	24337.13	24037.29	23767.74	23338.71
G 26.0	24586.31	24853.37	25025.04	25134.62	25310.32	25389.13	25283.95	25112.87	25005.64	24814.61	24544.44	24248.04	23800.23
G 27.0	25059.49	25287.92	25442.27	25553.58	25739.75	25826.04	25711.36	25529.99	25242.03	25254.84	25021.29	24716.85	24243.27
G 28.0	25491.21	25703.85	25872.30	25989.49	26195.49	26290.52	26163.99	25964.33	25852.24	25670.53	25458.22	25178.43	24689.19
G 29.0	25898.13	26128.07	26333.25	26461.40	26687.65	26788.47	26653.42	26434.06	26209.22	26089.07	25867.21	25617.87	25137.18
G 30.0	26301.60	26568.73	26802.36	26960.12	27233.53	27323.73	27196.40	26925.09	26774.94	26523.64	26266.71	26021.35	25572.07
G 31.0	26715.97	27035.77	27318.32	27525.71	27849.24	27956.17	27805.69	27482.12	27283.32	26982.33	26673.19	26404.95	25987.44
G 32.0	27161.80	27556.43	27907.15	28155.56	28515.84	28654.11	28465.09	28106.63	27863.01	27490.79	27107.75	26791.75	26383.27
G 33.0	27647.19	28119.52	28525.36	28811.96	29220.30	29376.72	29162.91	28756.05	28474.33	28042.74	27579.11	27186.14	26758.13
G 34.0	28152.86	28701.69	29175.00	29529.36	30004.76	30147.23	29943.52	29460.29	29114.02	28613.43	28070.51	27585.42	27106.67
G 35.0	28683.34	29333.25	29917.93	30390.58	30964.29	31092.78	30896.92	30300.76	29839.04	29228.14	28584.71	27994.31	27428.24
G 36.0	29289.45	30008.06	30683.48	31488.47	32198.74	32332.22	32119.32	31372.71	30758.01	29964.85	29167.58	28434.12	27739.60
G 37.0	30031.65	31073.09	32082.59	32907.60	33777.40	33941.30	33681.09	32760.75	31941.00	30900.24	29875.91	28940.81	28059.73
G 38.0	30938.40	32269.32	33593.29	34644.83	35692.43	35875.91	35579.05	34463.17	33407.20	32045.75	30740.49	29541.87	28410.28
G 39.0	32010.66	33679.26	35365.55	36651.62	37943.36	38109.27	37810.93	36427.25	35132.60	33395.33	31764.15	30256.58	28817.45
G 40.0	33272.29	35334.96	37413.96	39018.18	40594.26	40778.14	40435.77	38740.13	37124.96	34984.85	32968.23	31120.08	29335.16
G 41.0	34736.99	37243.69	39769.51	41751.52	43625.80	43914.31	43429.66	41416.80	39413.12	36819.90	34367.67	32148.14	29995.06
G 42.0	36343.35	39285.73	42276.34	44674.99	46859.26	47307.50	46617.86	44281.13	41846.21	38789.40	35907.42	33290.99	30766.13
G 43.0	37966.58	41280.41	44699.15	47541.41	50117.82	50626.42	49836.32	47072.74	44199.54	40721.58	37468.18	34448.66	31602.47
G 44.0	39492.63	43178.66	47087.41	50481.10	53536.81	54159.73	53201.35	49921.29	46503.61	42553.42	38936.51	35569.05	32473.40
G 45.0	40851.86	45008.34	49583.65	53666.52	57309.69	58131.34	56900.50	52997.41	48888.31	44291.44	40242.24	36637.25	33350.66
G 46.0	42015.07	46769.87	52167.92	57087.84	61455.36	62470.31	60961.74	56282.95	51338.44	45934.27	41349.68	37586.89	34153.95
G 47.0	42992.19	48507.16	54852.83	60771.69	66058.66	67260.49	65464.45	59796.46	53868.65	47527.49	42254.58	38325.70	34774.17
G 48.0	43825.11	50316.40	57893.92	65196.36	71584.13	73077.15	70865.09	64001.65	56701.99	49157.48	42992.92	38817.20	35135.22
G 49.0	44593.42	52336.12	61558.08	70537.78	78429.31	80238.71	77542.05	69060.89	60091.85	50935.81	43638.63	39062.69	35190.55
G 50.0	45474.33	54709.78	65990.66	76961.51	86270.53	88617.69	85229.61	75213.27	64199.03	52997.01	44340.65	39096.62	34962.83
G 51.0	46380.76	57064.25	70447.87	83207.93	93603.80	96115.43	92450.48	81210.73	68345.89	55134.56	45073.79	38969.54	34554.72
G 52.0	46954.81	58941.11	74150.51	89830.13	102329.77	105172.95	100958.58	87351.12	71651.62	56874.05	45569.46	38731.38	34059.46
G 53.0	47043.58	60453.85	79216.26	98143.62	112758.07	116363.18	111128.15	95212.25	76086.52	57940.63	45603.35	38356.59	33497.34
G 54.0	46692.20	62633.09	84783.59	105985.53	121784.99	125757.52	120020.93	102775.94	81164.44	59504.87	45036.82	37602.84	32825.77
G 55.0	46319.27	65177.55	89188.78	112699.08	130240.45	134640.26	128286.66	109119.69	85265.17	61634.28	44219.17	36161.83	31874.64
G 56.0	46010.04	67063.81	93317.08	119372.82	138282.33	143778.91	136092.74	115474.51	88979.78	63195.46	43545.99	34273.23	30375.14
G 57.0	45739.48	68348.39	96961.67	124457.12	144072.32	149845.15	141796.						



Luminaire			Measur.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd Table 3/18													
	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 0.0	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18
G 1.0	11382.95	11361.28	11337.67	11312.36	11285.53	11257.44	11228.29	11198.48	11168.22	11137.51	11106.76	11076.26	11046.02
G 2.0	11646.24	11602.61	11555.42	11504.34	11449.72	11392.69	11333.35	11272.29	11210.39	11150.57	11091.29	11032.49	10976.08
G 3.0	11893.04	11831.20	11763.32	11690.27	11610.49	11526.76	11436.88	11344.89	11251.03	11159.35	11072.69	10987.12	10904.92
G 4.0	12120.45	12041.55	11955.61	11863.37	11763.62	11655.89	11541.68	11420.41	11296.44	11173.05	11052.96	10940.69	10834.86
G 5.0	12351.05	12250.97	12146.45	12034.60	11914.09	11784.10	11645.18	11498.76	11348.43	11197.52	11049.50	10907.78	10775.90
G 6.0	12594.27	12469.69	12344.76	12214.57	12073.08	11917.73	11750.98	11578.21	11404.14	11228.44	11051.39	10879.65	10718.60
G 7.0	12862.16	12706.18	12551.88	12400.30	12240.47	12061.55	11863.82	11659.00	11460.18	11261.18	11053.83	10849.95	10659.59
G 8.0	13146.41	12958.68	12771.51	12590.61	12410.04	12210.90	11984.12	11744.41	11515.13	11291.65	11055.19	10820.86	10601.56
G 9.0	13446.43	13225.11	13003.20	12787.33	12577.37	12358.02	12108.69	11834.89	11569.92	11317.44	11053.13	10791.72	10547.05
G 10.0	13760.44	13514.16	13254.36	12997.83	12750.23	12502.72	12231.26	11928.74	11625.48	11340.06	11049.93	10763.61	10493.48
G 11.0	14079.95	13818.16	13529.37	13229.44	12936.17	12650.99	12353.13	12023.12	11682.12	11361.35	11046.35	10734.53	10437.16
G 12.0	14423.47	14129.73	13817.02	13480.09	13139.07	12809.34	12475.69	12115.02	11739.24	11382.76	11040.66	10700.64	10373.36
G 13.0	14821.62	14469.04	14113.02	13739.29	13357.34	12981.88	12604.01	12205.89	11797.48	11405.93	11031.09	10660.17	10302.45
G 14.0	15307.49	14873.58	14441.40	14010.69	13589.17	13170.13	12741.83	12298.87	11858.25	11430.53	11018.02	10613.80	10227.89
G 15.0	15921.87	15381.03	14844.67	14322.59	13843.38	13376.87	12890.74	12400.35	11923.06	11456.36	11003.07	10562.69	10151.08
G 16.0	16646.79	16003.34	15348.69	14709.66	14144.15	13606.57	13052.70	12509.73	11993.33	11484.27	10987.03	10507.63	10071.69
G 17.0	17423.17	16713.97	15950.62	15191.71	14516.40	13872.54	13232.80	12630.88	12069.92	11514.96	11039.32	10448.77	9991.00
G 18.0	18201.63	17467.51	16625.74	15766.92	14967.99	14186.43	13438.84	12766.22	12152.25	11548.17	10952.76	10389.33	9910.12
G 19.0	18975.59	18234.63	17343.42	16406.05	15491.68	14555.76	13679.08	12917.06	12239.62	11584.76	10936.94	10333.47	9831.35
G 20.0	19760.67	19007.28	18083.66	17089.82	16071.84	14983.93	13959.51	13084.78	12332.48	11625.21	10926.19	10288.32	9753.90
G 21.0	20534.52	19773.48	18832.72	17806.55	16690.34	15459.80	14281.16	13272.22	12433.77	11671.46	10926.40	10259.29	9673.28
G 22.0	21242.74	20495.86	19566.00	18532.50	17331.74	15970.76	14638.82	13480.44	12545.70	11724.50	10939.55	10240.93	9575.26
G 23.0	21852.93	21139.03	20253.48	19238.35	17980.28	16506.24	15027.66	13710.96	12669.13	11786.56	10967.38	10224.84	9443.32
G 24.0	22390.24	21703.57	20873.75	19900.87	18619.07	17057.02	15444.87	13971.38	12805.15	11857.92	11007.28	10196.68	9266.70
G 25.0	22894.06	22217.87	21423.10	20500.48	19231.01	17615.78	15887.59	14260.30	12959.04	11941.97	11054.32	10138.95	9042.56
G 26.0	23374.22	22704.06	21918.09	21037.83	19806.88	18174.88	16354.90	14578.13	13129.89	12039.21	11098.55	10042.77	8775.75
G 27.0	23826.35	23163.44	22372.52	21516.18	20339.50	18727.67	16845.67	14932.27	13329.14	12146.33	11132.10	9902.66	8478.29
G 28.0	24255.63	23590.57	22791.54	21942.27	20825.59	19265.33	17351.93	15317.47	13547.26	12260.94	11141.23	9716.85	8168.93
G 29.0	24673.62	23988.60	23177.01	22327.58	21265.83	19778.23	17860.35	15721.08	13788.48	12376.46	11118.31	9488.44	7871.18
G 30.0	25085.05	24363.96	23530.13	22678.80	21663.65	20256.10	18357.99	16134.22	14045.81	12501.55	11062.34	9225.88	7603.18
G 31.0	25489.10	24721.93	23853.65	22998.12									

Luminaire			Measur.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd Table 4/18													
	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 0.0	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18
G 1.0	11016.77	10989.95	10964.15	10939.48	10916.29	10894.78	10875.08	10857.11	10841.03	10826.97	10814.97	10805.11	10797.45
G 2.0	10921.60	10868.88	10820.98	10777.37	10735.46	10696.27	10660.32	10627.92	10598.96	10573.41	10551.48	10533.35	10519.18
G 3.0	10827.45	10756.41	10688.21	10624.42	10563.85	10506.24	10453.01	10404.89	10362.16	10325.15	10293.91	10268.33	10248.50
G 4.0	10736.80	10644.41	10555.42	10469.34	10388.99	10315.02	10248.23	10189.60	10138.12	10093.86	10056.91	10026.63	10003.51
G 5.0	10652.38	10534.14	10421.43	10315.54	10220.16	10134.22	10055.36	9984.36	9920.90	9864.90	9816.51	9775.93	9744.62
G 6.0	10567.29	10424.89	10293.13	10172.41	10060.90	9956.72	9859.38	9770.07	9688.68	9615.81	9554.82	9505.58	9468.17
G 7.0	10482.44	10320.06	10171.66	10031.66	9897.50	9770.92	9652.42	9543.50	9447.81	9367.75	9304.47	9258.25	9227.31
G 8.0	10400.88	10220.34	10049.92	9883.97	9727.09	9580.28	9444.47	9324.79	9224.25	9146.30	9091.09	9051.66	9024.28
G 9.0	10324.46	10119.54	9920.79	9732.62	9557.91	9393.16	9246.55	9124.20	9028.55	8957.72	8902.53	8855.08	8813.28
G 10.0	10245.63	10011.68	9789.69	9585.31	9389.70	9213.26	9066.10	8948.25	8855.39	8772.71	8698.33	8628.99	8570.09
G 11.0	10158.86	9899.59	9662.81	9436.43	9224.70	9045.66	8893.19	8761.34	8638.75	8522.76	8416.26	8317.56	8230.25
G 12.0	10067.03	9790.28	9534.20	9284.58	9063.28	8860.83	8675.33	8504.16	8339.80	8184.01	8040.12	7909.88	7807.90
G 13.0	9974.64	9681.85	9398.91	9128.23	8868.72	8613.35	8381.48	8170.20	7965.88	7777.86	7627.14	7522.95	7454.00
G 14.0	9882.30	9568.54	9253.71	8939.76	8605.93	8299.35	8042.33	7804.87	7593.51	7433.20	7323.49	7250.00	7199.31
G 15.0	9787.92	9445.28	9083.75	8688.51	8290.16	7975.95	7728.54	7503.67	7326.98	7196.00	7092.89	7003.46	6931.60
G 16.0	9689.99	9303.83	8865.01	8388.37	7986.46	7716.33	7494.72	7289.52	7120.98	6970.33	6830.13	6708.10	6612.63
G 17.0	9584.45	9133.98	8603.66	8099.86	7751.51	7525.73	7301.43	7087.00	6892.80	6698.28	6521.66	6364.02	6232.96
G 18.0	9466.60	8930.93	8335.17	7868.85	7568.71	7338.66	7091.06	6857.47	6610.34	6380.87	6163.79	5967.42	5803.41
G 19.0	9332.15	8704.28	8079.70	7655.38	7380.52	7116.78	6847.30	6564.37	6286.47	6024.23	5776.02	5568.87	5415.24
G 20.0	9177.77	8464.69	7840.95	7448.02	7147.20	6849.11	6548.09	6235.27	5934.67	5655.49	5407.91	5230.11	5125.76
G 21.0	8996.99	8215.60	7599.41	7206.47	6874.08	6549.70	6219.56	5887.35	5580.19	5312.41	5107.51	4982.02	4926.31
G 22.0	8781.13	7942.36	7334.95	6939.40	6580.88	6234.17	5880.14	5546.69	5259.40	5034.53	4887.44	4807.91	4784.68
G 23.0	8525.36	7646.93	7061.42	6661.14	6286.14	5918.91	5552.90	5242.40	5002.24	4835.66	4730.74	4678.48	4666.11
G 24.0	8230.69	7341.95	6795.47	6389.26	6003.97	5618.10	5259.40	4994.87	4817.79	4692.58	4604.80	4560.15	4547.74
G 25.0	7910.05	7053.74	6548.98	6137.55	5743.46	5346.79	5019.06	4812.73	4682.56	4575.31	4490.14	4443.72	4423.45
G 26.0	7587.37	6799.58	6330.38	5912.77	5509.16	5115.14	4832.19	4677.74	4569.34	4466.56	4378.48	4323.99	4288.59
G 27.0	7291.56	6585.01	6141.33	5713.17	5296.97	4921.93	4689.08	4562.50	4460.84	4355.61	4262.31	4196.31	4149.76
G 28.0	7041.21	6410.68	5977.20	5524.58	5099.34	4761.60	4570.92	4453.62	4347.60	4235.89	4137.24	4065.34	4015.58
G 29.0	6836.44	6267.25	5820.28	5330.50	4912.44	4624.66	4463.46	4343.33	4226.94	4108.97	4010.97	3937.30	3884.66
G 30.0	6669.27	6140.32	5649.36	5127.08	4740.60	4506.18	4360.15	4230.11	4102.46	3985.36	3889.79	3812.60	3757.68
G 31.0	6530.27	6011.49	5456.38	4924.84	4589.07	4399.54	4256.62	4114.48	3981.50	3868.24	3771.17	3695.53	3643.34
G 32.0	6408.55	5864.88	5248.21	4738.27	4459.77	4297.39	4149.44	3997.57	3864.23				

Luminaire			Measur.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	CG Asymmetrical	

Luminous Intensity Table cd Table 5/18													
	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18
G 1.0	10792.02	10788.88	10787.98	10789.23	10792.75	10798.55	10806.58	10816.79	10829.12	10843.51	10859.87	10878.10	10898.07
G 2.0	10509.09	10503.17	10501.43	10503.79	10510.33	10521.03	10535.80	10554.54	10577.10	10603.29	10632.93	10665.94	10702.43
G 3.0	10234.46	10226.23	10223.77	10227.06	10236.12	10250.96	10271.62	10298.08	10330.33	10368.39	10411.90	10460.66	10514.83
G 4.0	9987.31	9977.91	9975.17	9978.96	9989.43	10006.73	10031.00	10062.38	10100.47	10145.53	10197.29	10256.72	10325.29
G 5.0	9722.48	9709.58	9705.79	9710.98	9725.31	9748.88	9781.66	9823.58	9873.18	9930.46	9995.23	10067.59	10147.43
G 6.0	9441.94	9426.79	9422.41	9428.48	9445.38	9473.36	9512.60	9563.67	9626.56	9700.97	9783.58	9874.27	9972.90
G 7.0	9207.42	9197.02	9194.38	9198.11	9209.93	9231.44	9264.54	9313.46	9379.46	9462.10	9560.06	9670.72	9790.60
G 8.0	9005.44	8994.78	8991.87	8995.92	9007.89	9028.00	9057.05	9098.70	9157.12	9238.91	9342.73	9465.24	9603.17
G 9.0	8782.05	8762.47	8756.41	8764.73	8786.26	8819.31	8862.32	8910.67	8967.77	9042.05	9142.01	9268.48	9418.56
G 10.0	8528.09	8503.25	8495.80	8506.09	8533.67	8578.54	8639.33	8707.92	8785.60	8869.36	8965.22	9078.67	9239.64
G 11.0	8161.11	8117.82	8104.21	8122.85	8170.59	8243.23	8332.74	8432.76	8540.63	8658.00	8781.72	8916.04	9072.33
G 12.0	7736.68	7695.17	7683.02	7699.82	7746.06	7822.12	7929.10	8062.48	8208.07	8365.51	8530.95	8703.89	8891.91
G 13.0	7417.33	7398.76	7394.44	7400.66	7421.72	7462.62	7537.09	7648.01	7805.98	7997.95	8203.36	8416.93	8652.66
G 14.0	7166.36	7149.17	7144.84	7150.96	7170.51	7206.15	7259.98	7338.20	7455.20	7624.30	7841.74	8081.79	8345.11
G 15.0	6880.64	6854.53	6847.78	6857.24	6887.11	6941.82	7016.72	7108.37	7214.59	7351.82	7536.96	7766.42	8020.70
G 16.0	6544.80	6509.38	6500.03	6513.10	6553.48	6626.16	6725.92	6851.62	6993.79	7146.21	7319.97	7529.31	7754.00
G 17.0	6134.63	6078.13	6061.83	6084.37	6147.64	6251.96	6387.65	6548.70	6728.53	6923.88	7119.54	7337.47	7560.03
G 18.0	5689.34	5621.72	5601.96	5629.34	5704.38	5826.48	5997.23	6197.49	6416.67	6649.18	6895.73	7129.78	7376.46
G 19.0	5331.54	5291.31	5282.06	5295.40	5341.42	5434.96	5599.00	5813.64	6065.82	6329.85	6609.87	6891.39	7159.42
G 20.0	5083.19	5073.64	5074.21	5073.81	5087.10	5137.76	5253.44	5443.47	5698.98	5981.49	6285.12	6597.24	6896.93
G 21.0	4922.06	4940.55	4951.14	4937.35	4920.40	4931.18	4997.08	5135.00	5351.61	5627.21	5939.40	6272.99	6601.77
G 22.0	4791.90	4803.98	4808.80	4802.32	4789.91	4785.57	4816.39	4906.19	5065.32	5301.63	5597.40	5936.21	6290.10
G 23.0	4668.06	4669.76	4670.07	4669.65	4667.60	4666.46	4683.63	4743.77	4857.86	5035.59	5287.52	5608.76	5978.26
G 24.0	4541.50	4531.13	4525.99	4532.60	4542.76	4548.71	4564.54	4616.01	4710.08	4841.85	5030.51	5311.48	5679.61
G 25.0	4402.07	4376.86	4367.29	4381.24	4406.49	4426.30	4448.70	4501.33	4591.43	4701.06	4838.93	5063.46	5407.91
G 26.0	4252.68	4219.70	4210.70	4226.78	4259.83	4294.22	4330.84	4390.41	4482.62	4585.97	4697.37	4867.58	5173.03
G 27.0	4111.68	4083.31	4075.42	4088.44	4118.00	4156.77	4205.27	4275.47	4372.23	4477.29	4579.42	4717.08	4973.60
G 28.0	3978.31	3948.32	3936.69	3952.21	3984.10	4022.65	4075.15	4151.27	4253.45	4365.06	4470.55	4594.20	4805.49
G 29.0	3842.96	3808.35	3796.10	3813.19	3849.34	3892.12	3947.50	4024.95	4126.92	4246.01	4361.78	4484.61	4660.69
G 30.0	3717.00	3690.56	3683.78	3694.34	3722.65	3765.32	3823.41	3903.85	4002.70	4122.55	4250.81	4381.26	4535.63
G 31.0	3608.28	3588.87	3582.98	3590.95	3612.80	3650.43	3705.96	3785.44	3885.26	4001.50	4137.05	4279.09	4424.61
G 32.0	3514.58	3495.46	3488.53	3498.05	3518.64	3550.43	3599.17	3670.68	3768.17	388			

Luminaire		Measurem.		Source	
Code	25-109-03	Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50	Code	L-ALO2_ES_A_50-2AB10-4000-380-4
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Number	1
Line	Eulumdat	Date	25-08-2025	Position	

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18	11115.18
G 1.0	10919.87	10943.31	10968.21	10994.15	11021.29	11050.84	11081.13
G 2.0	10742.05	10784.21	10828.28	10877.05	10930.25	10984.94	11041.78
G 3.0	10573.28	10634.37	10698.84	10767.55	10839.36	10917.82	11000.65
G 4.0	10401.18	10482.81	10569.49	10658.91	10752.04	10851.26	10958.27
G 5.0	10234.62	10331.86	10439.08	10552.71	10671.76	10796.35	10929.84
G 6.0	10078.22	10191.04	10313.45	10447.01	10590.92	10743.64	10906.50
G 7.0	9918.50	10053.67	10194.68	10345.00	10509.85	10689.13	10881.88
G 8.0	9751.63	9910.13	10076.91	10248.24	10431.52	10635.47	10857.66
G 9.0	9585.37	9761.97	9952.19	10151.80	10358.57	10584.74	10832.78
G 10.0	9420.13	9617.55	9824.05	10048.53	10284.13	10535.12	10808.68
G 11.0	9256.58	9472.23	9699.77	9939.35	10202.30	10483.43	10783.73
G 12.0	9097.12	9322.91	9574.94	9832.26	10114.21	10424.59	10754.46
G 13.0	8909.72	9170.55	9443.41	9726.98	10024.16	10358.24	10719.00
G 14.0	8658.21	8991.43	9303.58	9617.38	9934.06	10287.48	10677.71
G 15.0	8349.74	8753.64	9144.09	9499.17	9842.18	10213.90	10631.81
G 16.0	8041.61	8462.73	8940.35	9367.21	9746.79	10137.62	10582.24
G 17.0	7795.63	8171.66	8691.93	9211.38	9645.32	10059.74	10528.80
G 18.0	7608.46	7930.82	8426.47	9023.87	9534.76	9981.11	10474.76
G 19.0	7421.81	7708.97	8168.50	8809.94	9411.09	9904.59	10424.15
G 20.0	7194.54	7500.72	7925.16	8579.23	9271.10	9831.23	10384.29
G 21.0	6926.36	7261.85	7681.76	8337.01	9107.05	9758.71	10360.42
G 22.0	6637.11	6996.78	7414.59	8069.43	8907.84	9675.30	10349.13
G 23.0	6345.39	6720.47	7137.09	7773.08	8669.16	9564.86	10344.52
G 24.0	6065.85	6450.92	6867.08	7459.52	8391.24	9413.78	10332.86
G 25.0	5807.63	6201.33	6618.80	7159.86	8078.26	9217.83	10296.32
G 26.0	5574.76	5978.35	6399.54	6896.19	7752.27	8981.80	10255.88
G 27.0	5363.04	5781.02	6209.45	6674.23	7450.11	8708.10	10116.59
G 28.0	5163.51	5596.34	6045.73	6491.40	7191.59	8403.18	9966.23
G 29.0	4971.44	5406.62	5893.49	6341.16	6969.65	8103.35	9777.17
G 30.0	4791.38	5204.74	5731.77	6214.61	6774.92	7845.61	9552.08
G 31.0	4630.46	4999.07	5548.66	6094.74	6613.89	7614.87	9300.24
G 32.0	4492.93	4804.45	5346.08	5961.55	6485.76	7383.97	9046.97
G 33.0	4372.25	4632.94	5138.39	5803.17	6372.24	7178.98	8821.20
G 34.0	4263.12	4482.07	4939.01	5627.29	6255.81	7039.19	8621.36
G 35.0	4158.58	4350.79	4753.44	5444.44	6132.34	6938.09	8432.66
G 36.0	4056.01	4234.69	4581.68	5261.21	6006.43	6832.03	8266.95
G 37.0	3953.70	4130.48	4421.60	5077.12	5881.62	6730.68	8151.41
G 38.0	3850.18	4034.85	4277.44	4890.04	5755.43	6658.92	8079.94
G 39.0	3743.95	3942.00	4149.39	4701.36	5617.74	6606.18	8017.63
G 40.0	3634.46	3847.09	4034.10	4517.69	5458.21	6548.34	7967.46
G 41.0	3522.92	3747.00	3929.92	4345.83	5279.44	6474.59	7952.88
G 42.0	3410.93	3641.14	3830.82	4190.30	5088.59	6378.38	7962.53
G 43.0	3300.55	3532.24	3734.64	4053.49	4893.87	6253.64	7951.51
G 44.0	3193.93	3421.71	3638.36	3931.85	4701.73	6101.72	7895.24
G 45.0	3093.38	3311.05	3539.42	3809.19	4515.30	5926.19	7806.97
G 46.0	2999.62	3201.44	3437.57	3696.38	4330.94	5726.19	7695.12
G 47.0	2914.09	3094.32	3332.97	3585.21	4143.75	5500.52	7544.33
G 48.0	2835.30	2990.75	3226.48	3474.40	3950.54	5248.20	7343.59
G 49.0	2764.27	2891.76	3118.93	3367.20	3777.21	4967.46	7084.47
G 50.0	2700.92	2798.35	3011.32	3263.84	3604.82	4662.31	6759.19
G 51.0	2645.52	2711.21	2904.01	3162.61	3449.47	4349.89	6375.08
G 52.0	2597.28	2631.08	2797.27	3060.02	3317.55	4057.40	5944.35
G 53.0	2554.68	2558.50	2692.91	2952.71	3202.40	3798.61	5481.64
G 54.0	2515.65	2493.41	2592.81	2841.12	3097.09	3577.30	5026.07
G 55.0	2477.37	2436.15	2499.37	2727.04	2993.55	3388.83	4613.95
G 56.0	2437.16	2385.76	2414.76	2613.40	2886.87	3229.22	4238.89
G 57.0	2392.81	2340.24	2338.27	2502.93	2776.72	3089.16	3888.92
G 58.0	2342.90	2296.33	2270.30	2398.25	2663.60	2960.59	3578.14
G 59.0	2287.67	2250.82	2207.30	2298.81	2548.50	2839.23	3324.53
G 60.0	2227.58	2201.58	2148.36	2204.71	2432.72	2722.12	3121.08
G 61.0	2163.30	2147.93	2091.34	2115.72	2317.71	2605.56	2953.70
G 62.0	2095.36	2089.95	2035.49	2031.94	2204.95	2487.26	2806.54
G 63.0	2024.77	2027.91	1981.42	1955.85	2095.48	2366.86	2670.84
G 64.0	1952.71	1962.64	1928.25	1886.59	1991.40	2245.32	2540.02
G 65.0	1879.87	1894.29	1873.99	1824.94	1895.08	2124.48	2410.70
G 66.0	1806.92	1823.58	1817.13	1771.45	1807.12	2006.25	2282.38
G 67.0	1733.93	1750.84	1755.35	1719.07	1727.28	1892.73	2155.75
G 68.0	1660.71	1676.64	1688.91	1662.06	1654.61	1784.15	2031.28
G 69.0	1586.97	1601.31	1618.72	1599.24	1591.27	1679.91	1909.32
G 70.0	1512.76	1525.27	1546.07	1532.79	1527.40	1579.89	1789.94
G 71.0	1438.39	1449.02	1472.16	1464.96	1451.71	1484.04	1673.14
G 72.0	1364.11	1373.20	1397.22	1397.56	1374.97	1390.90	1559.14

Luminaire			Measur.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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	1631.52	1824.72	2026.44	2391.82	3014.77	3407.41	3339.82	3150.67	2983.69	3207.23	4102.82	5604.94
G 74.0	1507.08	1688.19	1870.89	2184.00	2698.56	2924.65	2837.53	2694.01	2660.94	2873.20	3593.46	4731.68
G 75.0	1387.53	1554.94	1722.59	1993.84	2395.39	2520.61	2440.41	2341.31	2384.87	2552.65	3071.64	3897.71
G 76.0	1273.57	1425.10	1578.28	1817.76	2130.92	2187.59	2128.06	2065.49	2123.38	2231.84	2567.55	3137.49
G 77.0	1166.09	1300.19	1435.36	1650.56	1893.19	1917.67	1871.95	1826.17	1862.05	1914.93	2105.29	2472.74
G 78.0	1066.06	1179.61	1291.98	1485.12	1664.23	1686.75	1624.38	1588.51	1600.18	1588.07	1655.61	1850.10
G 79.0	972.80	1058.46	1147.39	1288.34	1434.25	1455.83	1349.49	1335.13	1314.10	1204.48	1169.30	1221.50
G 80.0	884.02	930.94	1006.25	1053.44	1191.80	1185.70	1040.12	1053.32	959.46	778.50	710.66	667.91
G 81.0	793.03	795.10	876.28	804.92	926.79	865.98	729.67	736.84	576.79	423.62	358.86	295.45
G 82.0	685.28	649.35	723.14	572.92	661.76	547.38	423.81	431.39	278.61	180.31	154.65	101.53
G 83.0	546.32	483.24	513.07	369.17	422.84	296.34	144.21	193.26	106.15	90.90	38.26	16.98
G 84.0	386.96	300.12	322.18	180.42	222.65	134.14	24.85	53.81	36.25	27.12	1.92	1.20
G 85.0	243.46	115.92	180.34	72.50	81.84	70.76	1.25	5.50	18.72	0.00	0.00	0.00
G 86.0	138.62	4.58	88.25	1.39	8.85	40.50	0.00	0.79	0.00	0.00	0.00	0.00
G 87.0	70.75	0.16	30.14	0.05	0.40	0.99	0.00	0.00	0.00	0.00	0.00	0.00
G 88.0	18.27	0.26	2.77	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
G 89.0	7.03	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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			Measurem.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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	3930.96	3122.28	3007.09	3164.50	3360.62	3423.13	2955.04	2316.15	1986.48	1795.72	1599.05	1419.91	1291.93
G 74.0	3459.97	2806.50	2665.26	2707.10	2841.96	2946.14	2646.90	2125.02	1833.89	1657.04	1475.88	1314.53	1211.53
G 75.0	2976.21	2504.27	2376.79	2351.14	2439.08	2540.61	2369.05	1949.47	1690.50	1521.59	1357.40	1212.83	1136.53
G 76.0	2504.94	2198.90</											

Luminaire			Measurem.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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	1309.44	1327.54	1318.06	1295.68	1289.08	1280.21	1278.86	1268.98	1268.27	1259.53	1257.72	1250.77	1246.92
G 74.0	1241.53	1251.88	1241.47	1221.22	1216.39	1209.55	1209.90	1200.62	1201.28	1194.12	1191.68	1185.16	1181.38
G 75.0	1174.34	1174.27	1164.33	1146.86	1144.62	1139.29	1140.64	1132.45	1133.98	1127.34	1125.33	1119.07	1114.68
G 76.0													



Luminaire			Measurem.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
----------------	----------	-----------------	---------	----------	--------------	------------	---------

Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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	1239.04	1236.38	1227.93	1237.59	1239.73	1247.95	1251.63	1258.31	1260.50	1268.70	1269.55	1279.84	1280.91
G 74.0	1174.48	1170.92	1161.00	1172.43	1175.08	1182.32	1185.98	1192.33	1195.01	1201.63	1201.40	1210.66	1209.93
G 75.0	1108.17	1104.79	1094.06	1106.40	1108.66	1115.68	1119.93	1125.89	1128.16	1134.22	1133.07	1141.23	1139.48
G 76.0	1041.71	1039.33	1030.12	1040.64	1042.18	1049.57	1054.42	1059.74	1060.15	1066.33	1064.24	1071.84	1069.07
G 77.0	976.62	975.27	969.09	976.08	977.15	984.15	987.92	993.33	991.63	998.21	995.00	1002.49	998.18
G 78.0	911.31	909.64	902.47	910.62	911.79	917.60	919.24	925.36	922.64	930.25	925.52	933.21	925.98
G 79.0	844.16	842.07	835.96	842.94	844.74	849.67	849.32	856.93	853.41	862.28	855.77	863.91	852.68
G 80.0	775.05	773.35	767.11	774.17	775.76	781.69	780.12	789.40	784.78	793.13	785.90	793.90	781.20
G 81.0	705.13	704.34	696.74	704.89	705.62	713.50	711.46	721.46	716.26	722.56	715.10	724.85	712.52
G 82.0	634.01	634.55	628.53	635.05	634.86	644.01	641.58	650.90	645.97	650.77	644.24	658.40	646.54
G 83.0	560.79	561.40	554.88	561.93	561.71	572.07	569.40	577.34	573.41	579.32	577.06	590.70	584.17
G 84.0	486.09	486.50	478.13	487.30	486.90	496.89	493.97	501.47	500.25	509.89	508.99	522.37	518.04
G 85.0	409.79	409.90	399.29	411.03	410.49	420.21	417.60	425.70	425.99	438.42	436.97	453.30	423.20
G 86.0	329.01	332.17	322.24	332.83	329.83	343.76	344.47	353.46	351.89	363.31	359.26	361.30	303.22
G 87.0	253.28	257.45	248.62	257.91	253.84	265.63	262.55	268.80	265.39	269.05	253.89	238.93	190.00
G 88.0	182.98	186.27	183.59	186.14	183.27	187.06	176.48	172.12	160.43	156.77	139.49	130.47	103.20
G 89.0	77.39	81.87	74.89	82.22	77.15	82.11	78.20	70.88	62.32	56.95	52.46	52.06	36.95
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		Measurem.		Source	
Code	25-109-03	Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50	Code	L-ALO2_ES_A_50-2AB10-4000-380-4
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Number	1
Line	Eulumdat	Date	25-08-2025	Position	

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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	1290.24	1298.19	1321.31	1326.65	1303.43	1301.03	1447.92
G 74.0	1217.26	1223.41	1244.43	1252.16	1235.22	1216.50	1339.62
G 75.0	1145.13	1148.61	1166.78	1175.77	1168.72	1137.75	1235.47
G 76.0	1072.82	1073.64	1088.30	1096.87	1102.13	1065.94	1137.39
G 77.0	999.54	998.28	1010.04	1016.57	1035.20	1000.24	1049.08
G 78.0	925.95	922.30	934.40	936.42	970.09	938.48	971.27
G 79.0	852.94	847.77	862.16	858.82	905.17	881.00	896.99
G 80.0	780.72	778.06	793.18	784.71	836.68	825.41	818.53
G 81.0	711.00	712.84	726.96	711.29	762.76	762.32	730.67
G 82.0	644.84	645.03	662.91	627.45	678.73	672.28	625.85
G 83.0	574.08	569.62	595.31	527.77	580.18	545.14	496.58
G 84.0	486.71	483.56	509.46	419.94	470.62	402.98	350.29
G 85.0	386.30	384.90	392.18	307.60	353.73	272.44	227.69
G 86.0	283.12	279.94	257.29	184.32	233.65	160.84	121.53
G 87.0	172.27	180.08	145.98	67.15	126.61	79.08	38.48
G 88.0	63.93	92.75	71.35	5.11	52.22	38.05	0.00
G 89.0	5.48	30.85	22.09	0.00	10.25	0.01	0.53
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.		Source	
Code	25-109-03	Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50	Code	L-ALO2_ES_A_50-2AB10-4000-380-4
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Number	1
Line	Eulumdat	Date	25-08-2025	Position	

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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.		Source	
Code	25-109-03	Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50	Code	L-ALO2_ES_A_50-2AB10-4000-380-4
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Number	1
Line	Eulumdat	Date	25-08-2025	Position	

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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.			Source		
Code	25-109-03		Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50		Code	L-ALO2_ES_A_50-2AB10-4000-380-4	
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50		Number	1	
Line	Eulumdat		Date	25-08-2025		Position		

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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.		Source	
Code	25-109-03	Code	25-109-03_ALO 2 2AB10 HPO03 7040.380-44M ES_50	Code	L-ALO2_ES_A_50-2AB10-4000-380-4
Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Name	ALO 2 2AB10 HPO03 7040.380-44M ES_50	Number	1
Line	Eulumdat	Date	25-08-2025	Position	

Luminaire Flux	73621 lm	Luminaire Power	506.0 W	Efficacy	145.496 lm/W	Efficiency	100.00%
Source Flux	73621 lm	Maximum value	157440.30 cd	Position	C=90.00 G=59.00	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