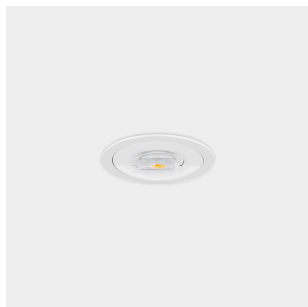


AH22-12W8AZBBWR

SIA LENS WALL WASHER



Ø100
0-16mm

Description

For side lighting and downlighting. Structure material: Aluminium. Structure finish: White. Blades material: . Blades finishes: NA. Diffuser material: Methacrylate. Diffuser finish: Transparent. Warranty: 5 Years.

Finish
White
Transparent
NA

Material
Aluminium
Methacrylate



UGR	
S=0.250	
Ceiling/Cavity	0.7
Walls	0.5
Working Plane	0.2
Room dimensions	X=4H, Y=8H
UGR Crosswise	26.8
UGR Endwise	16.0

TECHNICAL CHARACTERISTICS

Light source
Light source: LED CREE
Output (W): 12W
Color temperature: LED warm-white 3000K
CRI: 80
Photobiological risk: RG1
Real Lumen: 1297
Qty Leds: 1
Lm/Real W: 108
Life Time: 50.000h L80B20
Bin / Grup: 30H
MacAdam steps: 2
UGR: 15.0

GEAR
This item requires gear. It is not included.

Luminaire
Warranty: 5 Years

Logistics
Energy Efficiency: LED A++
EAN Code: 8435526840977
Net Weight (Kg): 0.000
Packing: 105 x 105 x 90

The photograph may not match the reference exactly. Please read the product description to identify the finish.

LEDS C4[®]

Luminaire

Code AH22-12W8AZBBWRV1
Name SIA LENS

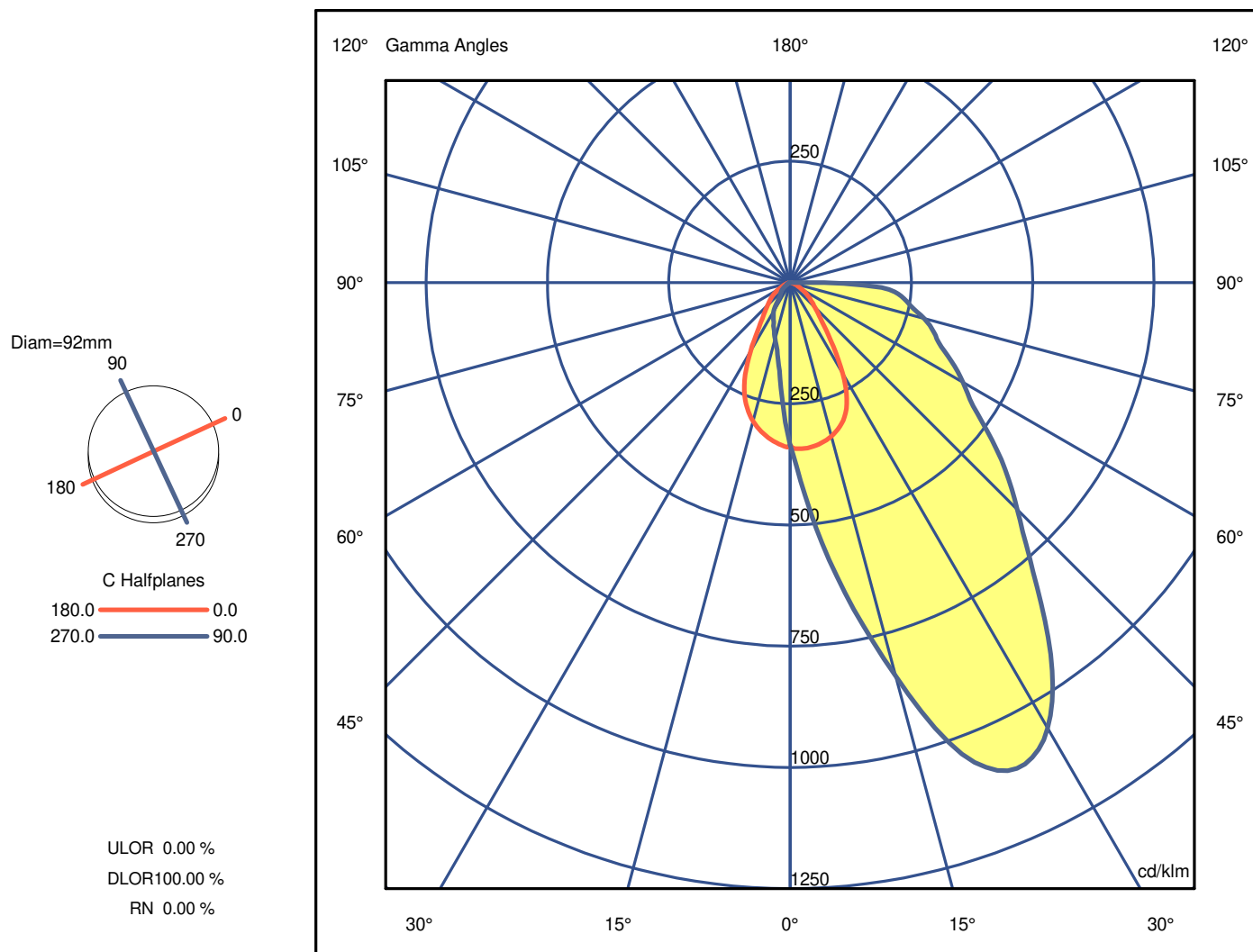
Measurum.

Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical
Round Luminaire		Diam.	92 mm	Height	65 mm		
Round Luminous Area		Diam.	50 mm	Height	0 mm		
Horizontal Luminous Area			0.001963 m2	Emitting area on Plane 180°			0.000000 m2
Emitting area on Plane 0°			0.000000 m2	Emitting area on Plane 270°			0.000000 m2
Emitting area on Plane 90°			0.000000 m2	Glare area at 76°			0.000475 m2
Coordinate system		CG		Symmetry Type			Asymmetrical
Date		18-07-2019		Maximum Gamma Angle			90
Measurement Distance		0.00		Measurement Flux			1296.66 lm
Operator		qualitat		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	AH22-12W8AZBBWRV1	AH22-12V8AZBBWHV1	1296.66	1.00	1
C.I.E.	57 81 93 100 100	D DIN 5040	A40		
F UTE	1.00 D	B NBN	BZ 3 / 1 / BZ 4		



LEDS C4⁺

Luminaire

Code AH22-12W8AZBBWRV1
Name SIA LENS

Measurement

Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 1/4

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41
G 1.0	341.66	346.32	348.81	348.83	353.88	358.57	354.21	356.13	349.67	349.55	342.72	339.31	339.30
G 2.0	342.41	352.98	361.24	372.87	375.78	384.20	379.14	380.02	369.50	364.81	352.68	343.22	337.70
G 3.0	343.02	359.67	374.80	394.28	402.42	414.50	409.74	409.11	393.06	382.54	362.90	347.36	335.75
G 4.0	343.25	366.35	389.66	416.62	429.87	444.65	440.63	438.71	418.44	401.74	373.56	351.12	333.45
G 5.0	342.84	373.20	405.17	439.73	458.24	477.32	473.75	470.00	445.15	422.10	385.37	354.61	331.18
G 6.0	342.79	380.16	421.03	462.73	487.36	510.08	507.24	501.68	472.16	442.58	397.22	358.13	328.60
G 7.0	341.97	386.96	436.59	486.36	516.98	543.67	542.15	534.42	499.88	463.66	409.98	361.29	325.90
G 8.0	340.96	393.80	451.93	509.74	546.78	578.02	577.68	567.26	527.54	483.92	422.76	364.14	322.97
G 9.0	339.85	400.17	467.35	532.80	577.25	613.17	613.63	601.12	555.51	504.26	434.69	366.89	319.77
G 10.0	338.53	406.40	482.05	555.72	607.87	648.48	649.73	635.11	583.81	524.28	446.37	369.34	316.30
G 11.0	336.89	412.64	496.73	578.72	638.28	683.18	685.93	668.85	612.47	544.17	457.52	371.32	312.81
G 12.0	335.01	418.09	510.94	601.85	668.99	718.99	722.72	703.31	640.92	564.85	468.11	373.11	308.94
G 13.0	333.05	423.33	524.56	624.13	698.60	754.50	759.51	737.69	669.42	584.92	478.35	374.42	304.85
G 14.0	330.44	428.09	538.15	647.62	730.12	792.48	799.42	774.07	699.08	605.18	488.56	375.39	300.40
G 15.0	328.06	432.37	551.73	670.12	761.15	830.58	839.86	811.50	727.96	625.57	498.24	376.02	295.54
G 16.0	324.87	435.90	564.88	693.34	793.52	871.00	882.71	850.20	758.46	645.95	508.02	376.19	290.36
G 17.0	321.65	439.25	577.91	717.01	827.03	911.34	925.15	889.29	789.61	666.62	517.50	375.70	285.03
G 18.0	318.10	441.70	590.60	740.94	861.61	949.63	965.63	928.43	821.50	688.33	526.41	375.02	279.06
G 19.0	313.91	443.55	602.83	765.23	894.37	984.26	1002.23	963.15	853.12	709.90	535.17	373.46	272.80
G 20.0	309.43	444.94	615.38	789.13	923.78	1014.69	1034.60	992.85	882.18	730.97	543.23	371.27	266.05
G 21.0	304.36	445.05	627.48	811.45	948.82	1038.61	1059.59	1018.13	907.44	751.13	550.76	368.41	258.41
G 22.0	298.67	444.25	638.39	829.72	967.52	1056.07	1078.18	1036.40	926.60	767.78	557.06	364.24	250.39
G 23.0	291.68	441.93	647.61	843.85	981.66	1069.78	1092.83	1049.75	940.66	781.09	561.71	359.00	241.64
G 24.0	284.49	438.38	654.34	852.20	990.62	1077.27	1101.53	1058.36	949.09	789.54	563.60	352.41	232.22
G 25.0	275.44	432.88	656.87	855.12	994.81	1080.07	1105.36	1061.33	952.75	792.57	562.95	344.24	221.78
G 26.0	265.80	425.70	655.91	853.80	994.60	1078.62	1104.56	1059.89	952.69	790.13	559.19	334.33	211.03
G 27.0	254.88	415.89	651.03	847.05	989.52	1072.51	1099.23	1054.60	948.06	783.22	551.28	323.15	199.48
G 28.0	242.77	403.84	641.60	836.55	979.59	1062.76	1090.17	1044.74	939.15	770.93	540.23	310.07	187.67
G 29.0	230.22	390.07	628.53	822.70	966.77	1049.98	1077.93	1031.57	925.99	754.55	525.25	295.68	175.65
G 30.0	216.34	373.52	611.53	804.64	950.41	1032.88	1061.15	1015.20	908.54	734.45	507.41	280.29	163.41
G 31.0	202.40	356.20	591.01	782.95	930.73	1012.64	1041.65	995.10	888.26	711.03	486.79	263.61	152.04
G 32.0	187.76	336.58	567.91	758.65	907.88	989.45	1018.91	971.69	864.03	684.50	462.99	246.52	140.67
G 33.0	173.81	316.46	542.31	731.38	882.11	963.48	993.31	946.27	837.06	656.00	437.94	228.89	130.24
G 34.0	159.36	294.78	514.08	701.31	853.14	935.12	965.08	917.10	807.19	623.77	410.35	211.04	120.51
G 35.0	146.34	272.83	484.44	669.48	823.09	905.71	935.49	886.87	774.80	590.16	382.20	193.54	112.21
G 36.0	134.10	250.73	453.29	635.64	790.95	874.35	903.87	855.03	740.79	555.16	352.76	177.15	104.99
G 37.0	123.08	228.78	421.26	600.67	757.94	842.87	872.12	822.52	706.07	519.08	323.94	161.54	98.82
G 38.0	114.08	208.25	389.43	565.67	725.18	811.34	840.50	790.24	670.81	483.39	295.53	148.41	93.15
G 39.0	105.08	188.45	358.11	530.12	692.11	779.81	808.58	758.15	635.16	447.58	268.23	135.27	87.91
G 40.0	97.73	171.03	327.63	495.96	659.94	750.38	779.13	726.94	600.99	412.93	243.08	124.25	83.30
G 41.0	91.31	154.89	298.87	462.50	628.78	722.81	751.84	697.23	567.12	379.61	219.29	114.77	79.00
G 42.0	85.79	141.17	271.74	430.47	598.93	697.35	726.44	670.24	534.87	348.90	198.57	106.37	75.22
G 43.0	80.78	128.93	246.59	400.04	570.43	673.81	702.97	644.47	504.38	319.81	180.00	98.98	71.77
G 44.0	76.35	118.38	224.02	372.03	545.04	652.24	681.90	621.10	475.87	293.78	164.10	92.53	68.63
G 45.0	72.08	109.22	203.70	345.83	520.80	631.37	661.76	598.75	449.67	269.90	150.00	86.78	65.79
G 46.0	68.08	101.14	185.60	321.85	498.08	612.06	642.97	577.73	425.89	248.19	137.82	81.46	63.18
G 47.0	64.63	94.07	169.80	299.99	476.83	593.35	624.50	557.86	403.54	228.94	127.20	76.57	60.42
G 48.0	61.44	87.60	155.76	279.61	456.50	574.32	605.61	538.33	383.03	211.51	117.82	72.12	57.77
G 49.0	58.42	81.98	143.39	261.66	437.19	555.37	587.07	518.87	364.32	196.05	109.64	68.02	55.28
G 50.0	55.33	76.91	132.62	245.24	418.64	536.08	567.79	500.20	346.74	182.19	102.10	64.26	52.90
G 51.0	52.40	72.51	123.03	230.16	400.64	516.34	548.10	481.71	330.48	170.18	95.50	60.63	50.66
G 52.0	49.45	68.31	114.99	216.29	383.35	496.56	528.11	463.40	315.51	159.19	89.44	57.21	48.27
G 53.0	46.80	64.48	106.94	203.98	367.31	476.85	508.29	446.12	301.67	150.03	84.04	54.04	45.78
G 54.0	44.08	60.98	100.03	192.56	351.95	457.15	488.73	428.95	288.92	140.86	79.00	51.00	43.20
G 55.0	41.35	57.74	93.88	182.32	337.64	439.06	470.78	413.10	277.32	132.79	74.46	47.92	40.68
G 56.0	38.50	54.74	88.33	172.90	324.47	422.57	454.72	399.08	266.59	125.43	70.23	45.11	38.21
G 57.0	35.91	51.88	83.35	164.26	312.18	408.71	441.51	387.12	257.16	118.68	66.43	42.59	35.78
G 58.0	33.34	49.33	78.91	156.42	301.34	397.68	430.90	377.19	248.86	112.57	62.99	40.12	33.39
G 59.0	29.77	46.83	74.90	149.44	291.92	387.61	420.87	368.96	241.32	106.92	59.74	37.56	31.07
G 60.0	26.99	44.53	71.20	142.47	283.64	378.13	411.03	361.44	234.88	101.76	56.77	35.17	28.07
G 61.0	24.76	42.35	67.76	136.15	276.30	368.81	401.08	354.10	228.98	96.93	53.96	32.79	25.47
G 62.0	22.87	40.29	64.66	130.30	269.86	359.34	390.88	347.05	223.59	92.57	51.43	30.43	23.18
G 63.0	21.16	38.32	61.69	124.69	263.76	349.25	380.16	339.70	218.61	88.47	49.02	28.23	20.98
G 64.0	19.65	36.48	58.96	119.59	257.97	339.39	369.45	332.39	213.96	84.73	46.80	26.22	19.13
G 65.0	18.28	34.75	56.39	114.73	252.37	329.17	358.52	325.03	209.11	81.29	44.68	24.35	17.55
G 66.0	17.02	33.10	53.93	110.08	246.48	319.35	347.89	317.85	204.40	78.07	42.69	22.60	16.16
G 67.0	15.82	31.59	51.68	105.86	241.18	310.37	338.49	311.30	199.81	75.14	40.81	20.94	14.66
G 68.0	14.74	30.05	49.57	101.62	235.99	302.19	330.32	305.67	195.25	72.35	38.96	19.38	13.25
G 69.0	13.65	28.54	47.43	97.51	231.16	295.51	323.68	301.09	191.23	69.73	37.24	17.97	11.88
G 70.0	12.69	27.02	45.31	93.60	226.79	290.06	318.54	297.83	187.80	67.22	35.65	16.57	10.74
G 71.0	11.83	25.59	43.33	89.91	222.86	284.73	313.10	295.13	184.76	64.97	34.17	15.33	9.81
G 72.0	10.97	24.21	41.33	86.43	218.86	278.45	307.06	291.42	181.93	62.60	32.65	14.15	9.02

LEDS C4⁺

Luminaire

Code AH22-12W8AZBBWRV1
Name SIA LENS

Measurement

Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux 1296.66 lm Luminaire Power 1.00 W Efficacy 1296.66 lm/W Efficiency 100.00%

Sources Flux 1296.66 lm Maximum value 1105.36 cd/klm Position C=90.00 G=25.00 CG Asymmetrical

Luminous Intensity Table cd/klm Table 2/4

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41	335.41
G 1.0	332.87	324.73	321.91	314.54	315.15	310.23	314.03	313.06	320.13	323.06	330.17
G 2.0	325.75	313.00	305.40	294.36	292.95	287.79	292.37	293.54	305.30	313.00	325.47
G 3.0	318.87	300.02	288.47	272.01	268.33	261.40	268.26	272.71	289.50	301.98	320.44
G 4.0	311.41	287.44	268.85	249.42	244.62	238.44	245.35	251.49	272.45	291.05	314.96
G 5.0	303.44	272.79	249.72	230.32	224.51	219.08	225.72	233.03	254.75	280.63	309.60
G 6.0	295.19	257.78	233.41	214.19	207.14	199.72	208.85	217.33	239.26	266.78	303.69
G 7.0	286.63	243.81	218.42	194.82	187.23	182.73	188.69	200.09	224.96	254.21	297.41
G 8.0	279.29	231.26	204.73	181.02	175.18	171.43	176.80	184.65	212.56	242.52	291.36
G 9.0	269.05	219.49	187.99	170.43	164.76	160.67	166.54	174.26	197.94	231.85	284.72
G 10.0	258.89	208.79	177.01	160.70	153.68	151.06	155.89	165.25	184.27	221.60	278.83
G 11.0	249.02	196.83	167.83	151.77	144.40	141.45	146.45	155.38	175.24	211.98	272.57
G 12.0	239.80	183.57	158.98	142.83	137.00	135.26	138.65	147.42	166.75	202.19	264.13
G 13.0	230.48	174.20	150.19	136.31	131.91	130.15	133.50	139.46	158.30	190.08	256.23
G 14.0	221.19	166.01	142.79	131.20	127.01	125.22	128.64	134.08	149.94	179.29	248.80
G 15.0	212.68	158.31	136.80	126.60	122.39	120.63	123.96	129.60	142.99	171.39	241.18
G 16.0	203.88	150.66	131.72	122.05	117.72	115.74	119.25	125.00	136.96	164.03	233.51
G 17.0	195.51	144.01	127.23	117.67	113.05	111.11	114.83	120.70	132.24	156.90	225.85
G 18.0	187.47	138.20	122.88	113.29	108.53	106.31	110.29	116.40	127.89	150.14	218.13
G 19.0	178.68	133.01	118.82	109.09	103.88	101.86	105.57	112.23	123.79	143.37	209.93
G 20.0	169.41	128.31	114.77	104.88	100.21	98.86	101.24	108.16	119.81	137.64	201.28
G 21.0	161.45	123.83	110.94	100.76	97.72	95.55	98.24	103.90	115.81	132.53	192.91
G 22.0	154.00	119.53	107.29	97.86	94.09	91.08	94.88	99.72	112.06	127.82	184.69
G 23.0	146.63	115.42	103.67	95.66	90.12	87.41	90.43	96.69	108.35	123.32	176.52
G 24.0	139.71	111.48	99.87	92.58	86.60	84.19	86.86	94.41	104.66	119.07	168.20
G 25.0	133.00	107.60	96.33	89.00	83.40	81.27	83.59	89.80	100.99	114.88	159.99
G 26.0	126.73	103.88	93.72	85.62	80.69	78.75	80.75	86.16	97.23	110.67	151.34
G 27.0	120.84	100.18	91.46	82.54	78.23	76.35	78.15	83.00	93.58	106.60	142.50
G 28.0	115.40	96.57	89.23	79.90	75.94	73.84	75.84	80.10	90.73	102.46	134.24
G 29.0	109.96	93.08	86.46	77.56	73.58	70.97	73.50	77.55	88.26	98.47	126.86
G 30.0	104.69	89.61	83.43	75.38	70.89	67.50	70.84	75.28	84.91	94.61	119.86
G 31.0	99.70	86.32	80.40	73.30	67.66	63.29	67.67	73.09	81.37	90.86	113.54
G 32.0	94.96	83.34	77.57	71.11	63.73	58.07	63.78	70.90	78.15	87.26	107.50
G 33.0	90.50	80.69	75.06	68.67	59.06	52.44	59.01	68.57	75.28	83.86	101.70
G 34.0	86.30	78.17	72.75	65.87	53.73	47.09	53.58	65.79	72.64	80.48	96.25
G 35.0	82.49	75.77	70.71	62.66	48.60	42.58	48.28	62.67	70.27	77.22	91.11
G 36.0	78.92	73.32	68.71	58.83	44.01	39.13	43.49	58.90	68.02	74.21	86.33
G 37.0	75.59	70.79	66.79	54.88	40.22	36.76	39.73	54.57	65.96	71.35	81.70
G 38.0	72.51	68.40	64.85	50.35	37.26	33.83	36.92	50.01	63.87	68.72	77.54
G 39.0	69.62	65.87	62.81	46.11	34.54	32.24	34.80	45.58	61.76	66.18	73.84
G 40.0	66.97	63.38	60.66	42.13	32.64	31.18	32.16	41.52	59.60	63.52	70.57
G 41.0	64.54	61.02	58.35	38.60	31.24	30.19	30.73	38.11	57.25	60.78	67.49
G 42.0	62.23	58.80	55.87	35.57	30.05	29.16	29.71	35.36	54.80	58.08	64.55
G 43.0	60.09	56.71	53.12	33.05	28.97	28.18	28.80	33.01	52.15	55.50	61.86
G 44.0	58.13	54.72	50.29	31.08	27.99	27.21	27.92	31.03	49.38	53.17	59.29
G 45.0	56.46	52.82	47.21	29.42	26.97	26.19	27.02	29.35	46.37	51.09	56.71
G 46.0	54.74	51.05	44.10	28.09	25.93	25.17	26.12	28.04	43.34	49.12	54.28
G 47.0	52.98	49.32	40.96	26.86	24.90	24.10	25.14	26.91	40.19	47.26	51.99
G 48.0	51.18	47.59	37.84	25.71	23.81	23.04	24.11	25.89	37.15	45.47	49.78
G 49.0	49.53	45.84	34.90	24.61	22.73	21.92	23.07	24.91	34.29	43.63	47.67
G 50.0	47.76	44.04	32.14	23.56	21.59	20.71	21.97	23.93	31.62	41.84	45.59
G 51.0	45.97	42.18	29.67	22.53	20.35	19.34	20.84	23.01	29.20	40.05	43.55
G 52.0	44.03	40.27	27.51	21.49	19.05	17.88	19.62	21.98	27.05	38.13	41.16
G 53.0	41.98	38.23	25.65	20.42	17.74	16.42	18.31	20.98	25.21	36.18	38.89
G 54.0	39.92	36.15	23.96	19.29	16.36	14.93	16.93	19.93	23.54	34.24	36.63
G 55.0	37.94	34.11	22.47	18.13	15.02	13.50	15.54	18.85	22.06	32.20	34.41
G 56.0	36.02	32.06	21.13	16.96	13.67	12.16	14.15	17.72	20.75	30.18	32.21
G 57.0	34.14	30.02	19.91	15.74	12.28	10.75	12.76	16.52	19.60	28.11	29.84
G 58.0	32.28	28.00	18.76	14.52	10.90	9.23	11.42	15.28	18.49	26.03	27.44
G 59.0	30.46	26.02	17.68	13.24	9.54	7.85	10.07	14.06	17.42	23.94	24.98
G 60.0	28.65	24.09	16.63	11.97	8.25	7.31	8.84	12.81	16.40	21.87	22.53
G 61.0	26.92	22.23	15.60	10.74	7.27	6.88	7.72	11.53	15.40	19.83	20.16
G 62.0	25.27	20.46	14.57	9.62	6.68	6.45	6.92	10.35	14.40	17.89	17.95
G 63.0	23.62	18.87	13.53	8.59	6.25	6.01	6.41	9.22	13.41	15.96	16.06
G 64.0	22.05	17.28	12.52	7.66	5.82	5.58	5.96	8.23	12.43	14.10	14.49
G 65.0	20.48	15.87	11.50	6.80	5.39	5.14	5.53	7.31	11.45	12.42	12.93
G 66.0	18.96	14.61	10.51	6.01	4.95	4.68	5.09	6.47	10.48	10.89	11.53
G 67.0	17.47	13.48	9.56	5.35	4.50	4.22	4.65	5.73	9.53	9.54	10.13
G 68.0	16.09	12.42	8.63	4.78	4.05	3.75	4.19	5.09	8.58	8.48	8.79
G 69.0	14.87	11.43	7.77	4.32	3.60	3.28	3.74	4.54	7.68	7.59	7.74
G 70.0	13.64	10.51	6.93	3.90	3.15	2.80	3.28	4.04	6.78	6.73	7.09
G 71.0	12.64	9.65	6.16	3.50	2.71	2.34	2.84	3.63	5.94	5.95	6.44
G 72.0	11.63	8.84	5.46	3.10	2.28	1.89	2.40	3.23	5.17	5.21	5.84

LEDS C4[®]

Luminaire

Code AH22-12W8AZBBWRV1

Name SIA LENS

Measurement

Code AH22-12W8AZBBWRV1

Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 3/4

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 73.0	10.15	22.82	39.20	83.08	214.07	272.86	300.76	288.38	179.09	60.29	31.01	12.92	8.27
G 74.0	9.29	21.33	37.03	80.04	210.47	267.11	293.12	284.55	175.64	58.00	29.28	11.70	7.62
G 75.0	8.38	19.79	34.91	77.38	207.44	261.53	285.60	280.69	172.82	55.67	27.49	10.45	7.06
G 76.0	7.43	18.28	32.93	75.10	204.66	255.16	277.38	276.80	170.45	53.56	25.74	9.23	6.49
G 77.0	6.40	16.78	31.11	72.91	201.79	247.81	268.17	271.98	168.09	51.83	24.09	7.96	5.89
G 78.0	5.49	15.54	29.50	70.95	198.63	240.39	260.03	266.33	165.74	50.19	22.64	6.71	5.33
G 79.0	4.66	14.40	28.08	69.10	195.63	234.34	253.18	260.77	163.28	48.69	21.31	5.62	4.78
G 80.0	3.87	13.31	26.78	67.22	192.35	228.90	247.69	255.31	160.74	47.29	20.11	4.66	4.22
G 81.0	3.16	12.22	25.47	65.32	188.47	223.81	242.65	249.67	158.08	45.90	19.00	3.85	3.61
G 82.0	2.50	11.11	24.14	63.47	184.46	218.78	237.15	243.92	155.04	44.54	17.83	3.16	3.00
G 83.0	1.88	9.97	22.71	61.36	179.86	213.09	230.70	237.70	151.52	43.19	16.59	2.51	2.47
G 84.0	1.35	8.85	21.23	58.22	174.71	206.56	223.73	230.47	147.70	41.81	15.38	1.87	1.93
G 85.0	1.02	7.78	19.65	54.93	166.75	197.75	216.04	221.87	142.70	40.05	14.23	1.42	1.50
G 86.0	0.75	6.73	17.62	48.46	156.38	186.05	204.56	209.67	135.91	38.31	12.98	1.07	1.12
G 87.0	0.50	5.82	15.55	39.42	128.81	151.57	188.89	194.21	126.75	34.65	11.57	0.77	0.80
G 88.0	0.29	4.83	13.44	31.20	98.98	117.09	150.68	146.81	100.41	28.75	10.15	0.51	0.52
G 89.0	0.18	3.77	11.05	25.06	69.15	80.43	110.28	99.41	74.06	23.34	8.72	0.33	0.33
G 90.0	0.07	2.95	8.13	13.27	41.19	45.56	69.87	79.47	59.57	17.93	7.10	0.14	0.15

LEDS C4²

Luminaire

Code AH22-12W8AZBBWRV1

Name SIA LENS

Measurement

Code AH22-12W8AZBBWRV1

Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 4/4

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 73.0	10.58	8.08	4.84	2.73	1.85	1.45	1.97	2.86	4.49	4.52	5.27
G 74.0	9.57	7.32	4.28	2.42	1.43	1.04	1.64	2.53	3.87	3.92	4.75
G 75.0	8.63	6.61	3.77	2.12	1.13	0.69	1.32	2.24	3.31	3.43	4.26
G 76.0	7.78	5.94	3.32	1.86	0.93	0.50	1.11	1.98	2.82	3.03	3.83
G 77.0	7.01	5.32	2.91	1.63	0.76	0.39	0.93	1.74	2.39	2.64	3.43
G 78.0	6.31	4.71	2.55	1.43	0.64	0.33	0.79	1.53	2.00	2.30	3.07
G 79.0	5.65	4.11	2.22	1.26	0.54	0.30	0.68	1.33	1.68	1.95	2.70
G 80.0	5.01	3.54	1.92	1.10	0.47	0.29	0.59	1.16	1.35	1.64	2.33
G 81.0	4.41	2.93	1.66	0.96	0.42	0.30	0.52	1.01	1.09	1.35	1.96
G 82.0	3.84	2.31	1.43	0.84	0.38	0.31	0.47	0.87	0.88	1.06	1.64
G 83.0	3.26	1.70	1.23	0.73	0.36	0.32	0.43	0.75	0.72	0.79	1.32
G 84.0	2.63	1.23	1.05	0.64	0.35	0.34	0.41	0.64	0.60	0.60	1.11
G 85.0	2.09	1.00	0.88	0.56	0.35	0.36	0.39	0.55	0.49	0.48	0.95
G 86.0	1.69	0.81	0.71	0.49	0.36	0.38	0.39	0.47	0.39	0.38	0.78
G 87.0	1.28	0.62	0.57	0.43	0.37	0.40	0.39	0.40	0.31	0.29	0.60
G 88.0	0.88	0.46	0.44	0.39	0.39	0.41	0.39	0.35	0.25	0.20	0.41
G 89.0	0.54	0.31	0.32	0.34	0.41	0.43	0.40	0.31	0.21	0.13	0.22
G 90.0	0.28	0.15	0.21	0.34	0.43	0.44	0.41	0.31	0.18	0.10	0.08

LEDS C4[®]

Luminaire

Code AH22-12W8AZBBWRV1
Name SIA LENS

Measur.

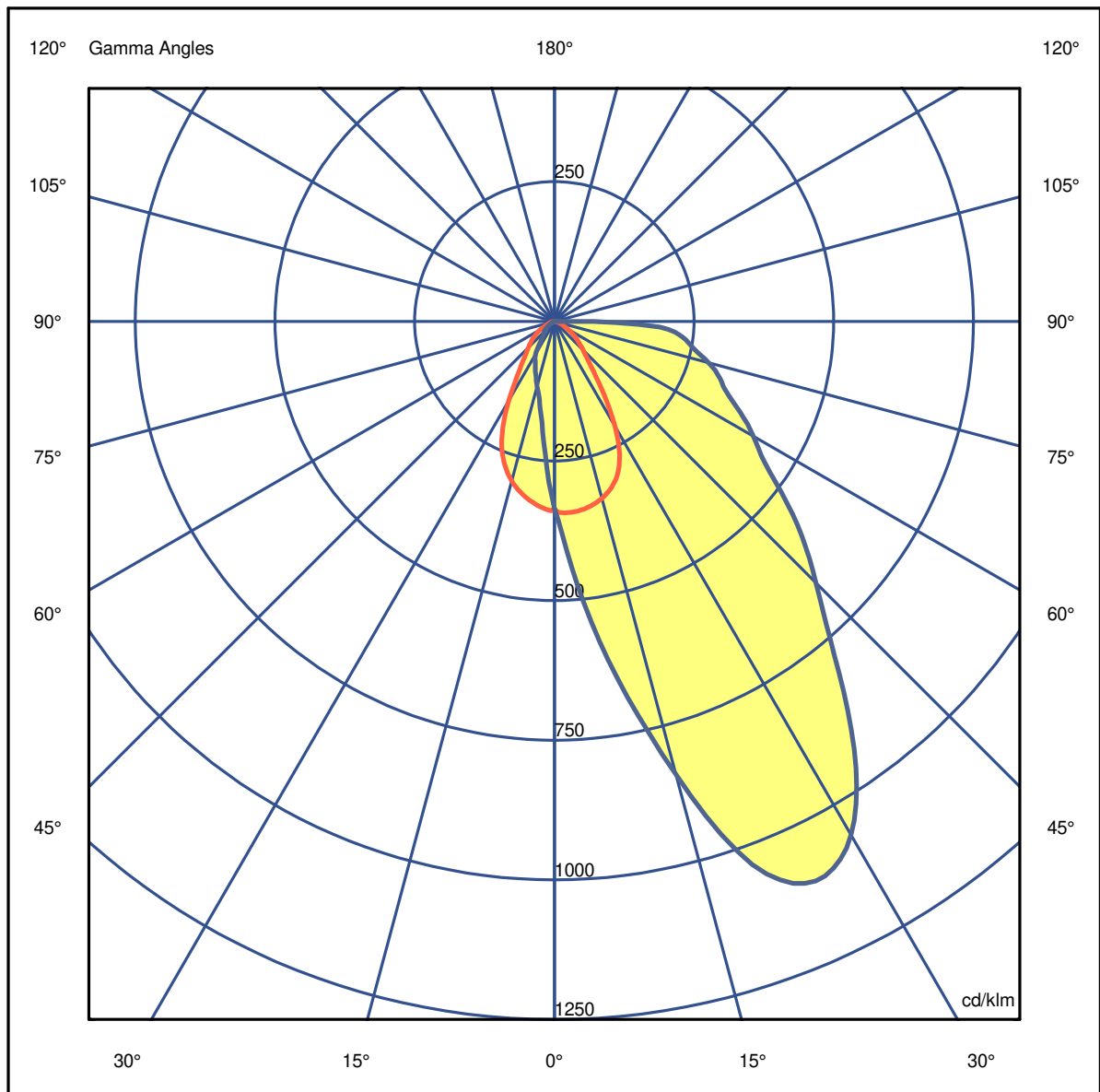
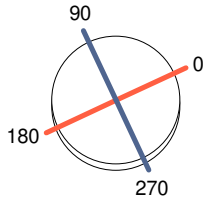
Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Diam=92mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



LEDS C4[®]

Luminaire

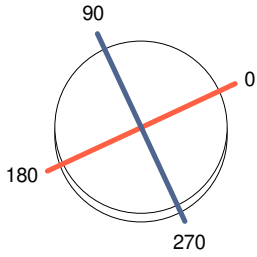
Code AH22-12W8AZBBWRV1
Name SIA LENS

Measurement

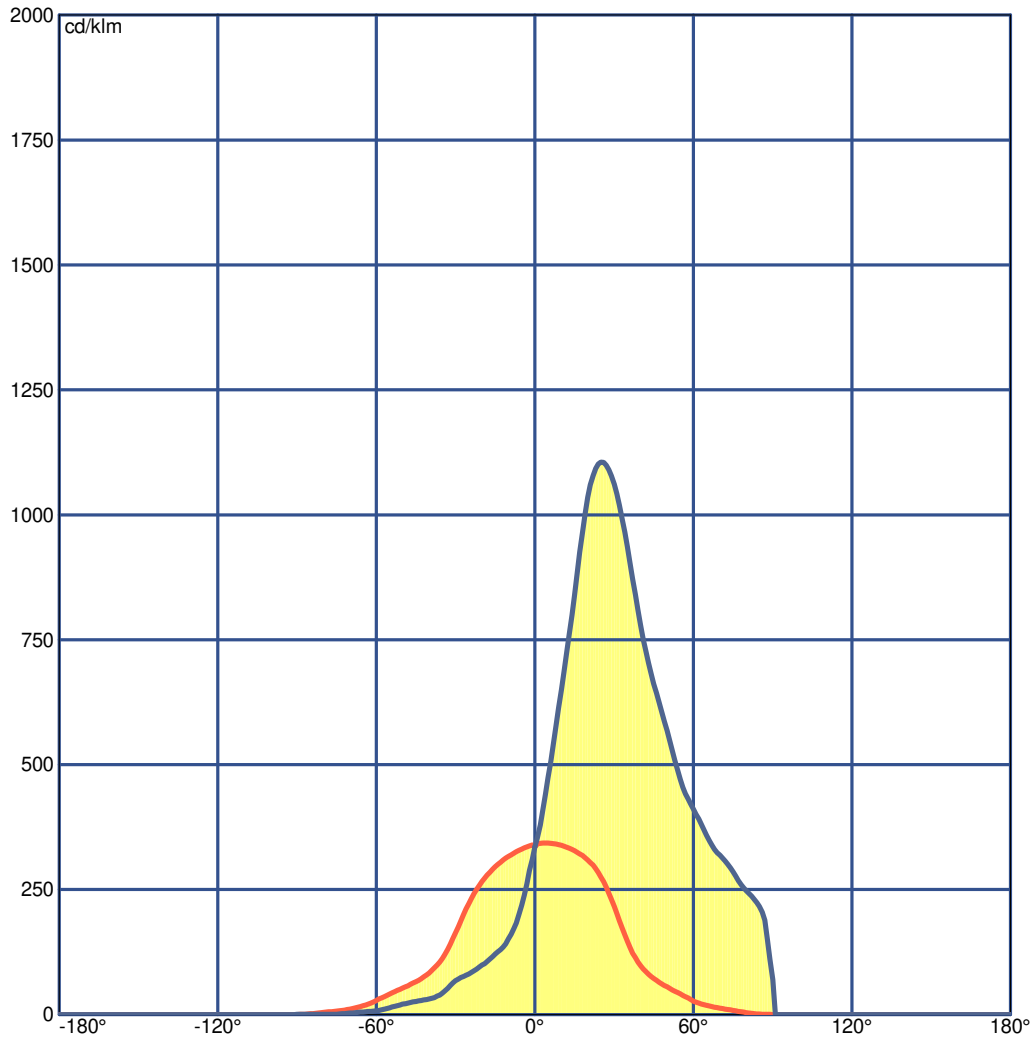
Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Diam=92mm



C Halfplanes



LEDS C4[®]

Luminaire

Code AH22-12W8AZBBWRV1

Name SIA LENS

Measurment

Code AH22-12W8AZBBWRV1

Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	23.9	25.1	24.2	25.3	25.6	15.0	16.2	15.3	16.4	16.7
x=2H y=3H	24.2	25.3	24.5	25.5	25.8	15.2	16.3	15.5	16.5	16.8
x=2H y=4H	24.2	25.3	24.6	25.5	25.8	15.1	16.1	15.4	16.4	16.7
x=2H y=6H	24.3	25.2	24.6	25.5	25.8	15.0	16.0	15.4	16.3	16.6
x=2H y=8H	24.3	25.2	24.6	25.5	25.8	15.0	15.9	15.4	16.2	16.6
x=2H y=12H	24.2	25.1	24.6	25.5	25.8	15.0	15.9	15.3	16.2	16.5
x=4H y=2H	26.3	27.3	26.6	27.6	27.9	15.9	16.9	16.2	17.2	17.5
x=4H y=3H	26.6	27.6	27.0	27.9	28.2	16.1	17.0	16.4	17.3	17.6
x=4H y=4H	26.8	27.6	27.2	27.9	28.3	16.1	16.9	16.5	17.2	17.6
x=4H y=6H	26.8	27.5	27.2	27.9	28.3	16.0	16.7	16.4	17.1	17.5
x=4H y=8H	26.8	27.5	27.3	27.9	28.3	16.0	16.6	16.4	17.0	17.4
x=4H y=12H	26.8	27.4	27.3	27.8	28.2	16.0	16.6	16.4	17.0	17.4
x=8H y=4H	29.6	30.2	30.0	30.6	31.0	16.3	16.9	16.7	17.3	17.7
x=8H y=6H	29.7	30.2	30.1	30.7	31.1	16.3	16.8	16.7	17.3	17.7
x=8H y=8H	29.7	30.2	30.2	30.6	31.1	16.3	16.7	16.7	17.2	17.7
x=8H y=12H	29.7	30.1	30.2	30.6	31.1	16.3	16.7	16.7	17.1	17.6
x=12H y=4H	31.1	31.7	31.5	32.1	32.5	16.3	16.9	16.8	17.3	17.8
x=12H y=6H	31.4	31.9	31.9	32.3	32.8	16.3	16.8	16.8	17.3	17.7
x=12H y=8H	31.5	31.9	31.9	32.3	32.8	16.3	16.7	16.8	17.2	17.7

LEDS C4⁺

Luminaire

Code AH22-12W8AZBBWRV1

Name SIA LENS

Measurment.

Code AH22-12W8AZBBWRV1

Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Total Flux=1296.66 Luminaire Flux=1296.66

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.39	0.46	0.53	0.59	0.64	0.71	0.76	0.79	0.84	0.86	0.92	0.96
RC	4	4	4	4	4	4	4	4	4	5	5	5

Zonal Flux per 1000 Lumen

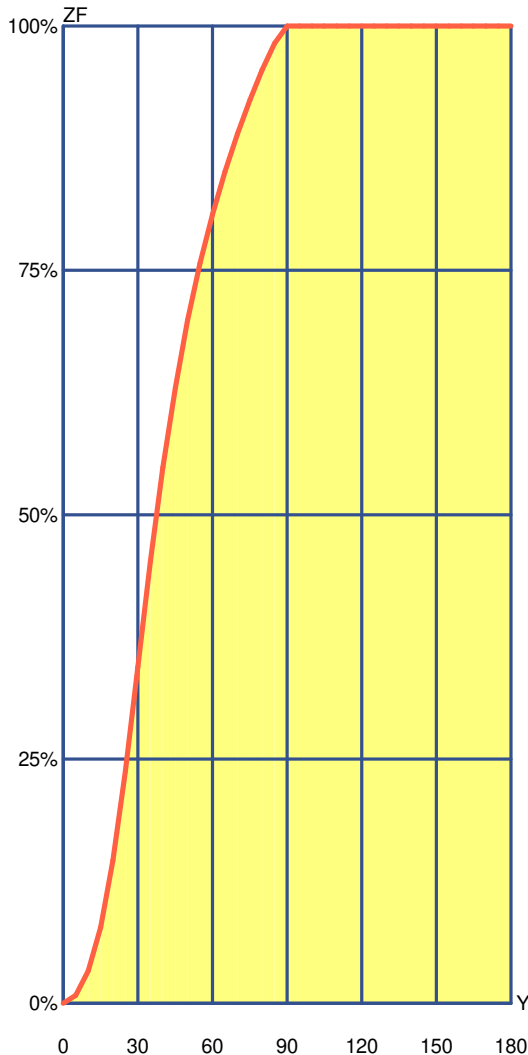
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	33	146	344	548	699	807	890	955	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

57 81 93 100 100

C.I.E. 4/4/4/4/4/4/4/4/5/5/5
 D DIN 5040 A40
 F UTE 1.00 D
 B NBN BZ 3 / 1 / BZ 4
 RN 0.00000 %
 BLF 1.0

LOR 100.00000 %
 ULOR 0.00000 %
 DLOR 100.00000 %
 UFF 0.00000 %
 DFF 100.00000 %
 FFR 0.00000 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	8.08	8.08	0.81%	0.81%
10°	25.12	33.20	2.51%	3.32%
15°	44.79	77.99	4.48%	7.80%
20°	68.03	146.02	6.80%	14.60%
25°	91.59	237.61	9.16%	23.76%
30°	106.55	344.16	10.66%	34.42%
35°	107.76	451.91	10.78%	45.19%
40°	96.48	548.39	9.65%	54.84%
45°	81.31	629.71	8.13%	62.97%
50°	68.97	698.68	6.90%	69.87%
55°	58.62	757.30	5.86%	75.73%
60°	49.94	807.24	4.99%	80.72%
65°	43.78	851.02	4.38%	85.10%
70°	38.57	889.59	3.86%	88.96%
75°	34.68	924.27	3.47%	92.43%
80°	30.89	955.16	3.09%	95.52%
85°	27.18	982.34	2.72%	98.23%
90°	17.66	1000.00	1.77%	100.00%
95°	0.00	1000.00	0.00%	100.00%
100°	0.00	1000.00	0.00%	100.00%
105°	0.00	1000.00	0.00%	100.00%
110°	0.00	1000.00	0.00%	100.00%
115°	0.00	1000.00	0.00%	100.00%
120°	0.00	1000.00	0.00%	100.00%
125°	0.00	1000.00	0.00%	100.00%
130°	0.00	1000.00	0.00%	100.00%
135°	0.00	1000.00	0.00%	100.00%
140°	0.00	1000.00	0.00%	100.00%
145°	0.00	1000.00	0.00%	100.00%
150°	0.00	1000.00	0.00%	100.00%
155°	0.00	1000.00	0.00%	100.00%
160°	0.00	1000.00	0.00%	100.00%
165°	0.00	1000.00	0.00%	100.00%
170°	0.00	1000.00	0.00%	100.00%
175°	0.00	1000.00	0.00%	100.00%
180°	0.00	1000.00	0.00%	100.00%

LEDS C4[®]

Luminaire

Code AH22-12W8AZBBWRV1

Name SIA LENS

Measurement

Code AH22-12W8AZBBWRV1

Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Utilizations CIE

Mounting	Direct	Normalization										Normalised										Suspension Ratid/3										Standard CIE Settings																																																																																																																																																																																																																																																																																							
Ceiling																																																																																																																																																																																																																																																																																																																							
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	0.60	206	185	155	140	176	133	108	92	80	68	43	33	17	12	64	35	31	14	11	29	12	10	0	0.80	241	221	167	154	210	147	137	120	92	81	53	42	24	17	76	44	40	20	17	38	17	15	0	1.00	264	246	169	158	234	152	160	143	99	89	60	50	30	23	83	51	47	26	22	45	22	20	0	1.25	285	269	168	160	256	153	184	167	105	96	67	57	36	29	90	58	54	32	28	51	29	26	0	1.50	301	286	166	159	272	153	204	187	108	100	72	62	42	35	94	63	59	38	33	57	34	31	0	2.00	320	308	158	153	294	148	233	218	110	104	79	70	52	45	98	71	67	47	43	65	43	40	0	2.50	333	323	152	148	308	143	254	240	111	106	83	76	59	52	101	76	73	54	50	70	50	47	0	3.00	342	333	147	143	318	139	269	257	111	107	86	80	65	58	102	80	77	60	56	74	56	53	0	4.00	355	348	140	138	333	135	292	281	112	108	91	86	73	67	104	85	83	68	65	80	65	61	0	5.00	363	357	136	134	342	131	307	298	112	109	94	90	78	73	105	89	87	74	71	84	70	67	0	10.00	379	376	125	124	361	122	340	335	111	110	101	99	91	88	107	97	96	88	86	93	84	82	0	20.00	387	386	118	117	370	116	359	356	110	109	104	103	99	97	106	101	100	96	95	98	93	90	0

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	0.60	430	419	365	358	413	354	325	318	285	280	239	235	206	204	278	236	234	205	204	233	204	203	183	0.80	485	473	400	393	464	388	378	369	323	318	277	273	243	240	314	273	271	241	240	269	240	239	214	1.00	522	510	419	413	499	406	416	406	347	342	303	298	269	266	337	297	295	266	265	293	265	263	236	1.25	556	545	435	430	531	423	453	442	369	364	328	322	295	291	358	321	319	292	289	316	289	287	256	1.50	582	571	447	442	555	435	482	471	386	381	347	342	315	311	374	340	338	311	309	334	308	306	273	2.00	610	601	453	449	582	442	518	508	401	397	368	363	339	335	389	359	357	334	332	353	330	326	290	2.50	629	620	456	453	599	446	543	533	411	407	382	377	356	351	398	373	371	350	347	365	345	340	301	3.00	641	633	457	454	611	447	560	551	417	414	390	386	367	363	404	381	379	361	358	373	355	350	308	4.00	666	660	467	465	635	458	593	585	433	431	411	407	391	387	420	401	400	384	381	392	377	371	326	5.00	686	680	477	476	655	468	618	611	447	445	428	425	411	407	434	418	416	402	400	408	395	388	342	10.00	737	734	506	506	705	499	683	678	486	485	474	472	463	460	473	463	462	453	451	452	444	435	385	20.00	767	765	523	523	734	516	722	719	509	509	502	501	496	494	497	490	490	485	484	479	474	464	411
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Working Pl.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	0.60	658	646	613	605	638	600	532	524	512	506	452	448	410	408	503	448	447	408	407	446	407	407	391	0.80	754	740	694	685	728	678	621	611	593	586	532	526	486	483	580	526	524	484	482	521	482	480	464	1.00	830	816	757	748	801	739	697	685	659	652	599	593	553	549	645	592	589	550	548	586	547	545	529	1.25	900	886	812	804	867	794	769	756	720	713	663	656	617	612	703	653	651	613	610	646	609	606	590	1.50	953	939	851	844	917	833	824	810	765	758	711	704	667	661	747	700	697	661	658	691	656	652	636	2.00	1000	1000	907	902	990	890	909	895	833	827	786	778	746	739	813	772	770	738	734	762	731	725	710	2.50	1000	1000	942	938	1000	925	966	953	877	871	835	828	799	792	856	820	817	789	785	808	780	773	759	3.00	1000	1000	966	962	1000	950	1000	995	907	903	870	863	838	831	886	854	852	826	822	841	816	808	795	4.00	1000	1000	994	991	1000	979	1000	1000	944	940	913	907	885	879	922	896	893	872	868	881	860	849	837	5.00	1000	1000	1000	1000	1000	996	1000	1000	967	964	940	935	916	909	944	922	920	901	898	905	888	876	863	10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	985	981	993	980	979	967	965	961	20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994	988	970	959
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LM53 SHR C0-C180: 1.052 SHR C90-C270: 2.281 SHR Square: 1.571

LEDS C4[®]

Luminaire

Code AH22-12W8AZBBWRV1
Name SIA LENS

Measurem.

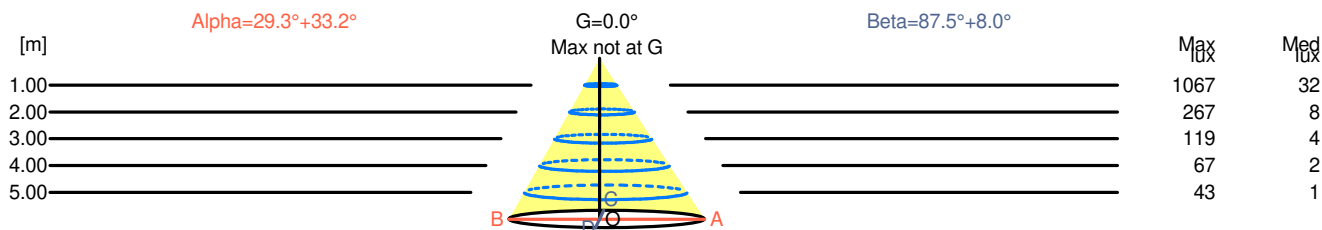
Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.65	1.31	1.96	2.61	3.27	OC	22.47	44.94	67.41	89.88	112.35
OB	0.56	1.12	1.69	2.25	2.81	OD	0.14	0.28	0.42	0.56	0.70

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	434.92	444.55	425.39	357.15	189.75	93.46	53.62	23.70	10.87	1.33
OB	434.92	429.43	383.22	287.58	145.49	85.31	52.75	22.75	9.16	1.95
OC	434.92	614.30	1089.02	1433.28	1213.01	858.08	610.45	464.87	370.33	280.14
OD	434.92	284.08	156.41	105.38	55.22	33.96	17.51	6.66	0.89	0.46



H[m]	D[m]	Max lux	Med lux	Alpha=29.3°+33.2°	G=0.0 Max not at G
1.00	1.21	1067	32		
2.00	2.43	267	8		
3.00	3.64	119	4		
4.00	4.86	67	2		
5.00	6.07	43	1		

H[m]	D[m]	Max lux	Med lux	Beta=8.0°+87.5°	G=0.0 Max not at G
1.00	22.61	1067	32		
2.00	45.22	267	8		
3.00	67.83	119	4		
4.00	90.44	67	2		
5.00	113.05	43	1		

LEDS C4²

Luminaire

Code AH22-12W8AZBBWRV1
 Name SIA LENS

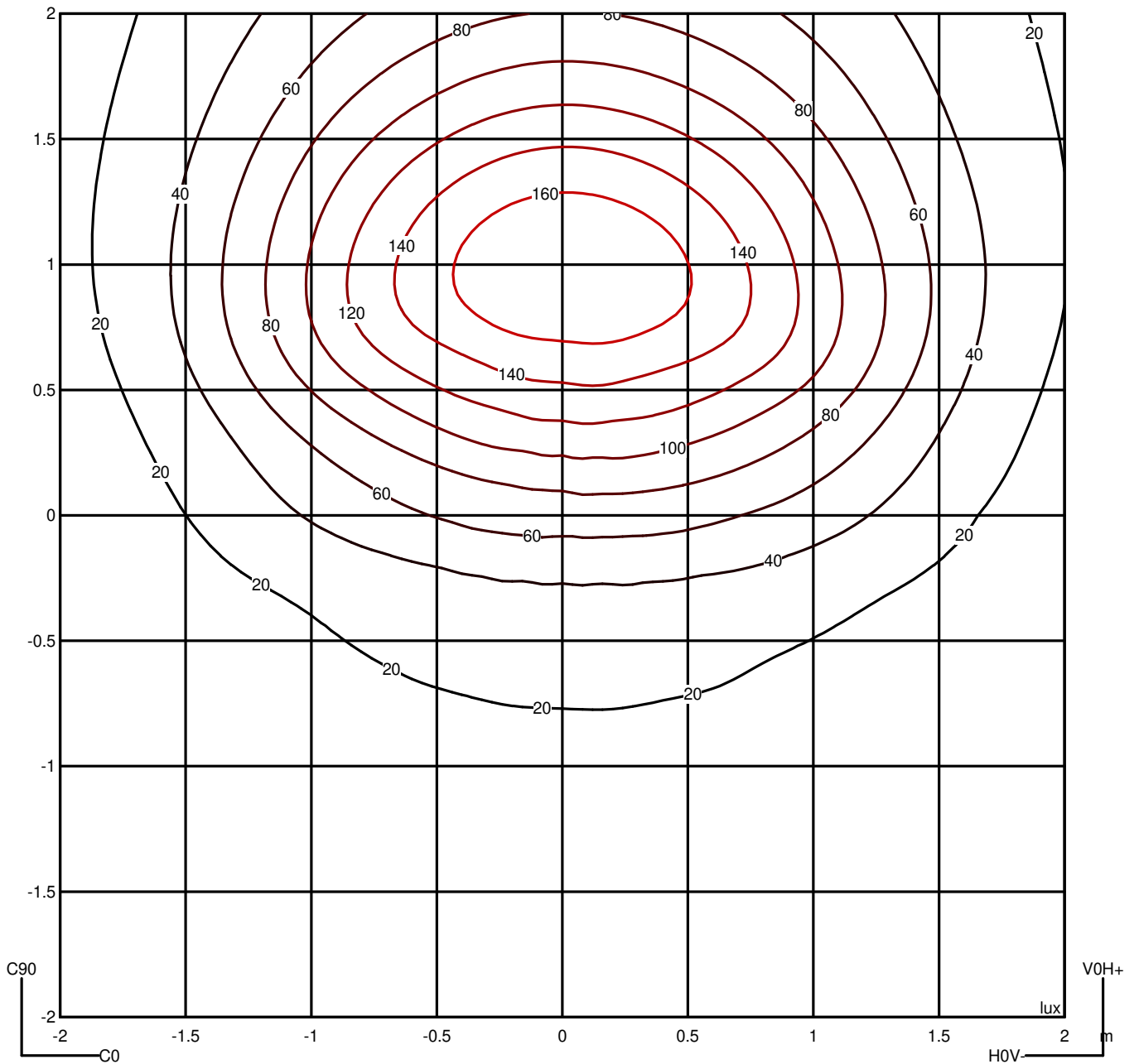
Measurum.

Code AH22-12W8AZBBWRV1
 Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



LEDS C4²

Luminaire

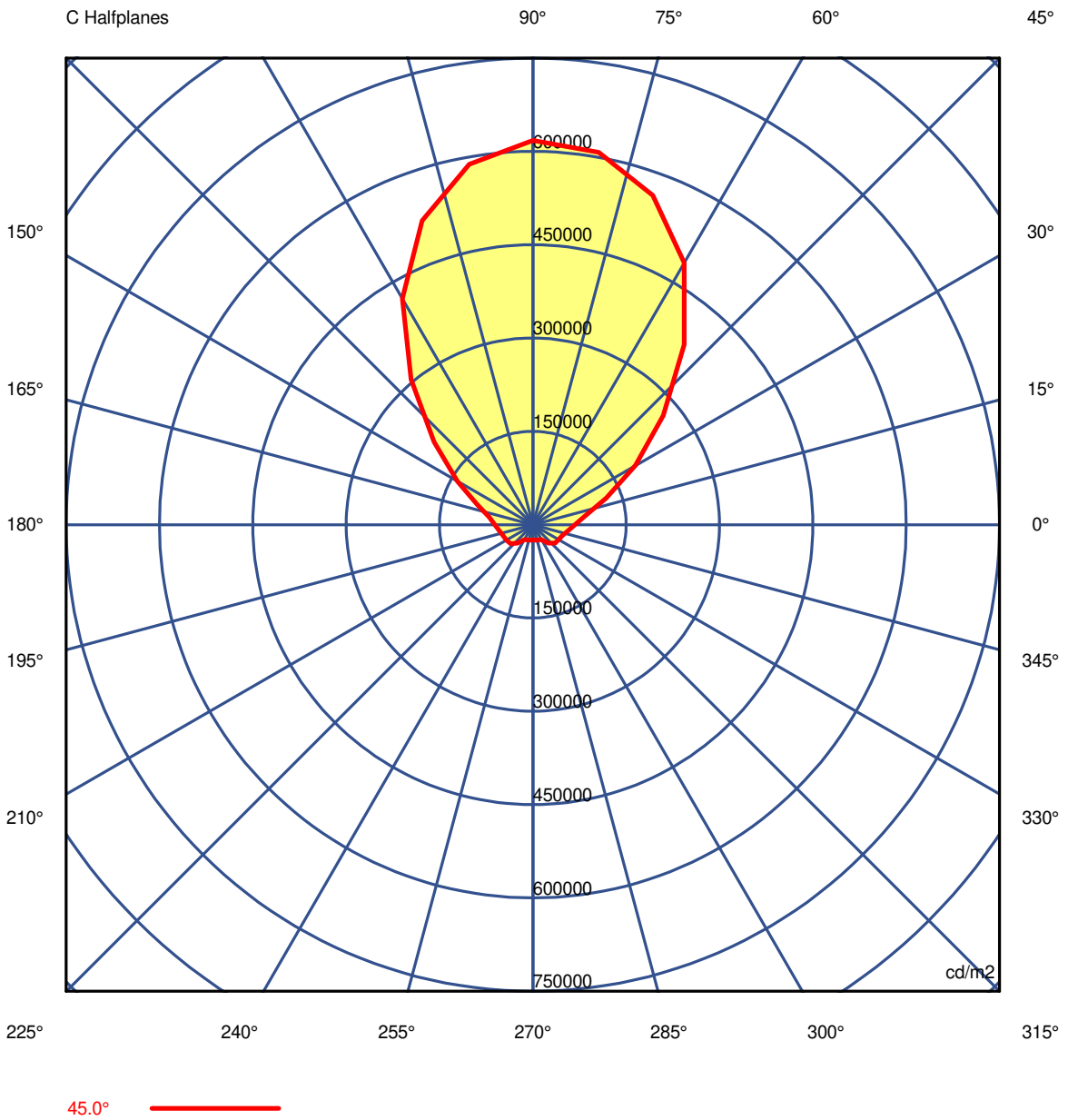
Code AH22-12W8AZBBWRV1
Name SIA LENS

Measurem.

Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Luminance



LEDS C4⁺

Luminaire

Code AH22-12W8AZBBWRV1
Name SIA LENS

Measurment.

Code AH22-12W8AZBBWRV1
Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Luminance cd/m2 Table 1/3

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85
G 5.0	227270.31	240714.16	254093.52	268591.11	284779.04	296245.96	303767.55	313359.55	316743.26	314053.43	313419.99	307127.44	295094.55
G 10.0	227005.59	256897.97	288879.79	323248.69	357522.12	385515.15	407622.77	428128.10	437495.61	435687.70	431382.86	416541.89	391486.63
G 15.0	224289.71	270918.39	321768.16	377203.99	432809.81	480669.18	520381.38	555681.57	574116.73	574196.29	565123.56	539081.70	497690.40
G 20.0	217454.65	278727.69	350215.75	432466.63	515955.67	589458.41	649201.01	696609.36	723224.30	727078.57	712901.18	676407.97	619964.04
G 25.0	200696.75	272112.70	366601.52	478633.03	579575.48	661657.96	724872.13	770795.08	798379.07	805423.58	789763.04	751405.22	694220.50
G 30.0	164967.36	238028.97	342127.80	466317.89	569419.28	654855.35	724730.97	771464.59	800016.42	809178.71	791522.54	752213.95	692803.11
G 35.0	117973.03	178666.30	272531.25	390544.28	493187.55	585086.33	663557.42	713363.14	743582.21	754173.80	734287.95	690964.76	624629.44
G 40.0	84246.50	119441.93	186411.25	282436.40	378741.59	477841.62	568914.08	627663.04	661421.93	671667.12	649173.44	597646.51	518098.42
G 45.0	67316.78	86003.04	125302.01	190236.15	273380.75	378133.97	486387.94	563735.73	607813.03	618031.29	588729.81	520216.54	419958.64
G 50.0	56845.71	69181.29	93084.29	136247.97	204432.01	309467.11	430098.69	520135.51	572007.21	583329.30	548480.32	468697.44	356234.84
G 55.0	47610.45	58893.41	76449.11	108083.25	165367.59	266922.78	388743.65	475975.50	527274.34	542034.96	509487.11	431055.01	319285.93
G 60.0	35653.22	50723.79	67811.74	94033.49	144830.38	246435.20	374627.26	467445.39	523688.48	542871.68	512186.74	430264.80	310227.53
G 65.0	28562.19	45413.61	63873.10	88121.08	133540.98	246364.14	394361.00	486136.14	536920.80	560217.54	539877.02	459513.74	326748.31
G 70.0	24507.17	42331.22	63033.38	87486.53	129977.10	260820.65	437897.26	533726.03	583136.20	615055.75	606511.27	520416.22	362602.74
G 75.0	21392.33	39782.04	62771.75	89084.07	134787.16	300692.55	529297.00	641681.18	689153.40	728727.09	744618.93	649627.40	440951.98
G 80.0	14725.17	36973.71	66883.61	101848.01	164593.96	407356.13	731524.52	854643.26	887748.12	941952.64	993470.59	891448.44	611287.15
G 85.0	7757.01	37517.74	87082.10	148910.22	255755.25	686873.07	1263504.22	1472385.25	1532546.39	1636974.19	1720107.14	1551213.40	1081276.78
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

LEDS C4⁺

Luminaire

Code AH22-12W8AZBBWRV1

Name SIA LENS

Measurement

Code AH22-12W8AZBBWRV1

Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Luminance cd/m2 Table 2/3

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85
G 5.0	285425.43	272430.75	255463.45	241033.83	229754.40	219542.60	207765.79	194170.65	180836.10	170349.78	160623.16	152678.40	149788.30
G 10.0	365772.04	335430.19	299325.37	263235.22	234752.89	212100.58	186645.69	161275.06	140007.90	124464.88	114089.30	107759.53	104238.46
G 15.0	452575.89	400277.87	340638.86	281970.22	236819.58	202055.72	163613.61	130004.29	108229.99	96920.87	90705.60	86552.00	84388.13
G 20.0	552251.77	471575.82	381765.42	296240.77	232876.66	186968.16	139143.79	104953.27	90170.81	83197.21	78131.97	73704.66	71164.70
G 25.0	622030.16	525924.40	410192.87	297239.41	214904.63	161602.94	114407.03	86478.39	78400.32	72794.57	68092.56	64850.60	61957.45
G 30.0	609658.38	505914.44	386926.41	264773.72	175090.33	124609.01	90856.98	73287.93	68330.90	65404.78	61521.15	57484.41	55074.04
G 35.0	529634.17	420650.96	308118.72	199315.15	125200.34	90458.32	71848.29	63493.76	61080.92	58552.89	55336.82	50513.68	42822.30
G 40.0	411631.44	303371.06	209551.20	133945.41	89476.28	71807.65	61276.38	56703.11	54640.85	53072.87	47728.86	36321.60	29663.89
G 45.0	304999.09	207314.55	140087.48	95519.23	71484.23	61444.59	55066.63	51088.40	49329.85	47283.31	38639.95	27479.28	25953.32
G 50.0	236702.96	150522.83	104899.11	75647.25	60004.30	54344.91	50468.90	48184.67	45244.69	37453.02	29214.51	24200.66	22510.48
G 55.0	200276.81	120578.65	85724.21	62994.14	50499.58	46840.87	44590.47	42949.39	39267.50	30149.68	23237.05	20870.37	18491.46
G 60.0	183150.58	103569.15	74986.37	54589.29	41074.45	37078.98	37760.09	36786.14	31815.09	25040.92	19543.40	15813.38	12270.62
G 65.0	181553.37	95004.11	69820.04	47967.03	31414.45	27421.96	30989.63	30739.72	24803.37	20158.22	15384.09	10618.23	8698.92
G 70.0	192271.21	94406.52	68831.75	43737.28	24491.67	20735.35	24952.21	25544.57	20286.33	15528.68	11163.82	7534.38	6303.51
G 75.0	220690.57	98784.92	70135.95	40244.75	19357.40	18023.60	21315.94	21243.72	16861.38	11798.97	7891.57	5400.13	3617.84
G 80.0	295157.21	116786.28	76493.50	35032.53	17168.58	16034.05	18047.00	17680.97	13453.90	9075.52	6018.56	4180.22	2464.50
G 85.0	516283.44	184865.83	107801.83	38408.49	10970.31	11374.97	17106.83	13135.16	7599.18	6956.29	6142.57	4264.37	2955.23
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

LEDS C4[®]

Luminaire

Code AH22-12W8AZBBWRV1

Name SIA LENS

Measurem.

Code AH22-12W8AZBBWRV1

Name SIA LENS

Luminaire Flux	1296.66 lm	Luminaire Power	1.00 W	Efficacy	1296.66 lm/W	Efficiency	100.00%
Sources Flux	1296.66 lm	Maximum value	1105.36 cd/klm	Position	C=90.00 G=25.00	CG	Asymmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85	221500.85
G 5.0	147323.21	145231.33	147842.09	150895.49	154474.45	163299.38	174510.04	186029.26	198492.37	212351.83
G 10.0	102060.95	101293.87	103038.03	106242.06	110810.45	118232.40	130282.13	148598.90	173441.33	200434.07
G 15.0	83015.96	82471.10	83768.76	85727.16	88605.41	94121.94	102047.03	117177.82	146557.10	184216.58
G 20.0	69878.21	69476.95	70284.40	72332.80	76012.67	81498.69	86688.06	96730.02	122280.68	164512.68
G 25.0	59891.10	59217.07	60044.19	62018.34	65431.82	70754.67	76303.54	83705.91	100310.78	140127.83
G 30.0	52900.89	51471.60	52893.19	54974.47	57402.85	62020.40	67395.71	72143.49	80035.49	110853.92
G 35.0	36511.96	34329.62	36260.59	42682.70	50519.97	54976.63	58563.38	62253.86	66813.99	85124.49
G 40.0	27339.66	26879.61	27017.63	29228.54	35797.23	46849.23	53749.87	54759.94	57086.90	67088.75
G 45.0	25068.18	24456.84	25102.86	25959.91	27407.49	38167.68	46123.32	47710.94	50217.29	56975.37
G 50.0	21768.67	21280.38	22057.81	22972.76	24584.65	29118.91	36365.03	42987.66	45482.06	49381.70
G 55.0	16326.77	15548.53	16719.03	19286.97	21705.54	23280.32	29210.16	37074.18	39003.65	41439.34
G 60.0	10045.68	9651.39	10558.97	13298.52	16916.55	19766.61	24263.63	28889.98	29494.80	31036.97
G 65.0	8218.06	8026.83	8304.21	9129.63	11429.22	15913.67	18394.75	19405.58	19935.66	22259.02
G 70.0	5792.14	5407.55	6002.77	6533.81	7809.43	11523.08	13057.26	12998.11	12516.99	16348.67
G 75.0	2272.60	1760.40	2654.07	4082.82	5712.54	7720.80	8556.24	8753.32	10168.41	13615.17
G 80.0	1330.07	1114.89	1674.46	3001.93	4423.23	4983.82	5410.24	6249.77	7646.94	10510.57
G 85.0	2590.26	2715.84	2793.60	3382.09	4161.24	3844.37	3332.09	3605.31	6038.18	7386.04
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

AH22-12W8AZBBWR V1

Projets

SIA LENS WALL WASHER

