

**Luminaire**

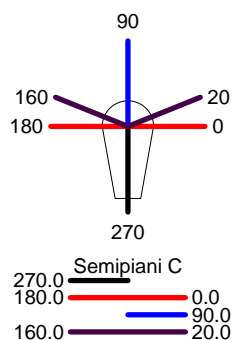
Code 503233.170  
Name AVANTGARDE PLUS MH-E 70W E27

**Measurem.**

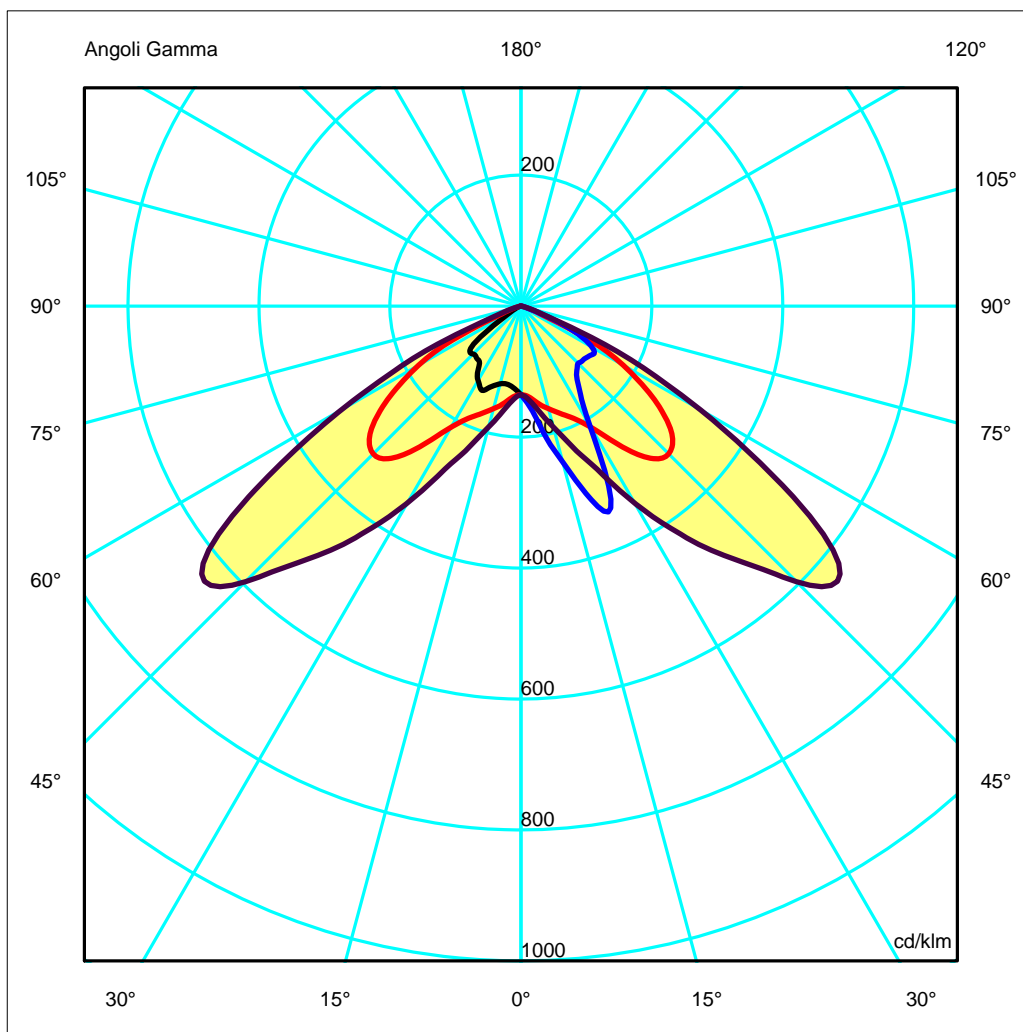
Code CL2303/08-12S  
Name AVANTGARDE C MT 70W E27

Luminaire Flux	3614.14 lm	Luminaire Power	73.00 W	Efficacy	49.51 lm/W	Efficiency	73.76%
Lamps Flux	4900.00 lm	Maximum value	636.33 cd/klm	Position	C=20.00 G=50.00	CG Sym. on planes 270-90	
Rectangular Luminaire		Length	589 mm	Width	246 mm	Height	200 mm
Rectangular Luminous Area		Length	286 mm	Width	240 mm	Height	0 mm
Horizontal Luminous Area		0.068640 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°		0.016606 m2	
Coordinate system		CG Roads		Symmetry Type		Sym. on planes 270-90	
Date		29-03-2008		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4900.00 lm	
Operator		C Luce Srl		Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes		1 * HQIE70WDL = 4900 lm					

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS MD,MT,ME,MC	HQIE70NDL	Name POWERSTAR HQI - E	4900.00	73.00	1
C.I.E.	48 89 99 100 74	D DIN 5040	A30		



ULOR 0.00 %  
DLOR 73.76 %  
RN 0.00 %



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Luminaire Flux		3614.14 lm		Luminaire Power		73.00 W		Efficacy		49.51 lm/W		Efficiency		73.76%	
Lamps Flux		4900.00 lm		Maximum value		636.33 cd/klm		Position		C=20.00 G=50.00		CG Sym. on planes		270-90	
Luminous Intensity Table cd/klm														Table 1/3	
	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	C 325.00	C 330.00		
G 0.0	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11
G 2.5	129.56	129.54	129.29	129.16	130.20	130.26	130.46	131.29	131.58	132.10	132.85	133.10	133.54	133.54	133.54
G 5.0	125.74	125.80	125.43	125.74	126.36	126.85	127.60	128.61	129.60	130.19	131.22	131.96	133.19	133.19	133.19
G 7.5	122.32	122.49	122.66	123.11	123.94	124.99	125.83	126.84	128.61	129.78	131.58	133.00	134.58	134.58	134.58
G 10.0	121.05	121.09	121.05	121.91	123.45	124.86	126.12	126.78	128.88	130.90	132.59	134.55	136.53	136.53	136.53
G 12.5	121.28	121.46	121.51	122.24	123.51	125.27	126.48	128.08	129.97	132.31	134.36	136.49	138.76	138.76	138.76
G 15.0	122.47	122.68	122.86	123.79	125.46	126.59	126.75	128.98	131.82	134.00	136.56	138.10	140.47	140.47	140.47
G 17.5	126.15	126.02	126.51	126.71	127.74	127.93	128.48	130.35	130.84	134.27	138.28	139.50	141.61	141.61	141.61
G 20.0	130.43	131.01	131.80	132.18	131.73	131.50	132.22	132.25	133.18	133.33	135.85	140.19	142.45	142.45	142.45
G 22.5	136.96	137.35	138.44	139.07	138.41	137.63	136.16	134.62	134.41	135.24	136.56	138.47	143.11	143.11	143.11
G 25.0	141.78	142.25	143.59	145.49	145.64	144.14	140.72	137.31	135.54	135.50	137.58	140.35	142.81	142.81	142.81
G 27.5	136.73	138.53	142.32	146.39	148.97	148.55	145.08	140.96	137.56	136.91	137.87	139.32	142.42	142.42	142.42
G 30.0	130.96	133.45	138.28	143.16	147.67	150.37	148.41	144.95	140.32	137.28	137.91	138.97	141.46	141.46	141.46
G 32.5	124.12	128.22	136.40	143.57	148.76	150.47	150.63	147.25	143.33	139.17	137.02	136.90	140.35	140.35	140.35
G 35.0	111.45	117.59	131.13	142.96	150.37	152.67	150.84	148.40	144.91	140.91	138.32	137.24	139.90	139.90	139.90
G 37.5	105.11	109.20	120.86	137.81	148.93	152.63	151.38	147.40	145.39	142.68	140.36	138.82	139.31	139.31	139.31
G 40.0	104.54	106.80	115.10	129.55	142.51	149.96	149.89	146.36	143.47	143.01	141.50	139.99	140.90	140.90	140.90
G 42.5	102.60	104.08	108.79	119.85	133.11	143.03	145.80	144.23	141.28	141.66	143.01	141.54	142.15	142.15	142.15
G 45.0	103.38	103.16	104.58	110.13	120.26	131.80	137.25	139.69	139.01	139.85	142.18	142.09	142.48	142.48	142.48
G 47.5	105.02	102.59	99.14	101.22	108.46	117.79	125.03	129.20	133.20	136.29	139.81	140.52	140.35	140.35	140.35
G 50.0	100.33	98.63	92.67	91.65	95.99	104.28	111.29	117.01	123.77	131.25	135.61	136.63	136.22	136.22	136.22
G 52.5	80.84	77.27	73.08	73.94	78.33	88.99	97.70	105.55	112.16	121.46	128.22	129.92	130.44	130.44	130.44
G 55.0	45.63	45.35	41.03	42.15	46.23	58.41	75.53	90.91	102.25	110.99	119.56	122.16	123.19	123.19	123.19
G 57.5	29.06	28.81	27.92	26.05	24.94	28.71	37.61	67.99	90.32	100.76	109.71	113.06	114.22	114.22	114.22
G 60.0	20.67	21.36	21.38	20.13	18.35	19.72	22.14	40.69	75.27	90.51	99.47	103.47	104.26	104.26	104.26
G 62.5	14.65	15.71	15.29	14.55	14.65	15.77	16.98	29.94	61.05	77.99	87.50	92.71	94.03	94.03	94.03
G 65.0	10.58	11.09	11.04	11.04	11.64	12.49	13.21	17.35	41.33	64.99	69.83	68.92	59.74	59.74	59.74
G 67.5	7.98	8.05	8.14	8.58	9.09	9.90	10.32	11.29	13.55	30.43	33.03	31.39	23.84	23.84	23.84
G 70.0	6.00	6.03	6.18	6.54	6.99	7.60	7.90	8.54	9.18	10.33	10.43	10.87	10.64	10.64	10.64
G 72.5	4.35	4.47	4.46	4.88	5.15	5.55	5.84	6.22	6.58	7.16	7.42	7.49	7.34	7.34	7.34
G 75.0	3.06	3.21	3.24	3.46	3.63	3.90	4.18	4.42	4.58	4.84	5.05	5.15	5.02	5.02	5.02
G 77.5	2.18	2.24	2.26	2.42	2.45	2.63	2.79	3.00	3.05	3.23	3.34	3.43	3.28	3.28	3.28
G 80.0	1.50	1.47	1.52	1.60	1.66	1.75	1.82	1.97	1.98	2.07	2.12	2.14	2.07	2.07	2.07
G 82.5	0.89	0.93	0.91	0.96	0.98	1.06	1.14	1.21	1.21	1.26	1.26	1.29	1.24	1.24	1.24
G 85.0	0.37	0.39	0.38	0.47	0.58	0.68	0.70	0.75	0.73	0.76	0.72	0.73	0.71	0.71	0.71
G 87.5	0.07	0.07	0.07	0.09	0.26	0.52	0.53	0.52	0.48	0.47	0.44	0.44	0.40	0.40	0.40
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	0.00	0.00
G 92.5	0.00	0.00	0.00	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	0.00	0.00
G 97.5	0.00	0.00	0.00	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	0.00	0.00
G102.5	0.00	0.00	0.00	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	0.00	0.00
G107.5	0.00	0.00	0.00	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	0.00	0.00
G112.5	0.00	0.00	0.00	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	0.00	0.00
G117.5	0.00	0.00	0.00	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	0.00	0.00
G122.5	0.00	0.00	0.00	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	0.00	0.00
G127.5	0.00	0.00	0.00	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	0.00	0.00
G132.5	0.00	0.00	0.00	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	0.00	0.00
G137.5	0.00	0.00	0.00	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	0.00	0.00
G142.5	0.00	0.00	0.00	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	0.00	0.00
G147.5	0.00	0.00	0.00	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	0.00	0.00
G152.5	0.00	0.00	0.00	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	0.00	0.00
G157.5	0.00	0.00	0.00	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	0.00	0.00
G162.5	0.00	0.00	0.00	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	0.00	0.00
G167.5	0.00	0.00	0.00	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	0.00	0.00
G172.5	0.00	0.00	0.00	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	0.00	0.00

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Luminaire Flux		3614.14 lm		Luminaire Power		73.00 W		Efficacy		49.51 lm/W		Efficiency		73.76%											
Lamps Flux		4900.00 lm		Maximum value		636.33 cd/klm		Position		C=20.00 G=50.00		CG Sym. on planes		270-90											
Luminous Intensity Table cd/klm														Table 2/3											
C 335.00		C 340.00		C 345.00		C 350.00		C 355.00		C 0.00		C 5.00		C 10.00		C 15.00		C 20.00		C 25.00		C 30.00		C 35.00	
G 0.0	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11
G 2.5	133.31	134.05	134.59	134.53	135.22	136.20	136.79	137.17	137.65	137.94	138.94	139.66	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92
G 5.0	133.73	134.59	136.34	136.90	137.51	139.13	140.17	141.69	142.75	143.98	144.36	146.43	147.89	147.89	147.89	147.89	147.89	147.89	147.89	147.89	147.89	147.89	147.89	147.89	147.89
G 7.5	135.35	137.21	139.18	141.02	142.80	144.42	146.37	148.32	151.07	152.60	155.03	157.52	159.27	159.27	159.27	159.27	159.27	159.27	159.27	159.27	159.27	159.27	159.27	159.27	159.27
G 10.0	138.32	140.58	142.81	145.12	147.71	150.62	153.51	156.42	159.40	163.89	166.82	171.45	174.66	174.66	174.66	174.66	174.66	174.66	174.66	174.66	174.66	174.66	174.66	174.66	174.66
G 12.5	141.36	143.97	146.51	149.43	152.68	156.71	159.99	165.26	170.89	177.19	182.93	188.29	196.39	196.39	196.39	196.39	196.39	196.39	196.39	196.39	196.39	196.39	196.39	196.39	196.39
G 15.0	141.88	145.86	148.99	152.19	156.97	162.01	166.88	173.63	182.80	191.19	199.89	212.08	222.12	222.12	222.12	222.12	222.12	222.12	222.12	222.12	222.12	222.12	222.12	222.12	222.12
G 17.5	143.60	146.48	150.88	155.23	161.03	167.79	174.43	184.24	195.95	207.02	224.04	235.96	251.83	251.83	251.83	251.83	251.83	251.83	251.83	251.83	251.83	251.83	251.83	251.83	251.83
G 20.0	144.88	148.55	153.21	158.36	165.39	174.20	183.13	196.08	211.12	228.28	245.64	264.79	283.04	283.04	283.04	283.04	283.04	283.04	283.04	283.04	283.04	283.04	283.04	283.04	283.04
G 22.5	145.33	149.78	154.11	160.84	169.40	180.81	192.04	209.66	229.20	249.63	273.46	293.38	313.03	313.03	313.03	313.03	313.03	313.03	313.03	313.03	313.03	313.03	313.03	313.03	313.03
G 25.0	146.27	150.30	155.36	163.17	173.87	188.60	203.53	226.17	249.55	274.54	301.14	323.39	344.11	344.11	344.11	344.11	344.11	344.11	344.11	344.11	344.11	344.11	344.11	344.11	344.11
G 27.5	145.97	150.59	157.42	166.84	180.17	199.21	218.63	248.27	279.49	309.25	331.71	355.66	378.84	378.84	378.84	378.84	378.84	378.84	378.84	378.84	378.84	378.84	378.84	378.84	378.84
G 30.0	143.39	150.36	158.40	170.33	187.94	213.48	239.55	275.47	314.66	346.78	369.37	390.51	421.56	421.56	421.56	421.56	421.56	421.56	421.56	421.56	421.56	421.56	421.56	421.56	421.56
G 32.5	143.28	150.68	160.59	175.33	198.68	232.91	265.07	309.22	354.98	386.33	407.32	431.76	460.32	460.32	460.32	460.32	460.32	460.32	460.32	460.32	460.32	460.32	460.32	460.32	460.32
G 35.0	144.34	151.54	165.20	183.34	212.71	256.98	299.48	354.04	400.08	424.74	447.85	469.24	492.05	492.05	492.05	492.05	492.05	492.05	492.05	492.05	492.05	492.05	492.05	492.05	492.05
G 37.5	145.78	154.09	170.54	192.39	228.84	281.55	334.43	398.16	443.12	466.20	484.71	505.57	507.02	507.02	507.02	507.02	507.02	507.02	507.02	507.02	507.02	507.02	507.02	507.02	507.02
G 40.0	146.77	156.62	174.05	200.54	241.88	302.26	362.76	433.42	480.58	503.11	525.15	531.73	502.30	502.30	502.30	502.30	502.30	502.30	502.30	502.30	502.30	502.30	502.30	502.30	502.30
G 42.5	144.79	157.50	174.19	205.51	250.12	315.59	381.63	455.72	509.62	544.62	567.63	550.03	478.80	478.80	478.80	478.80	478.80	478.80	478.80	478.80	478.80	478.80	478.80	478.80	478.80
G 45.0	144.03	155.89	172.26	205.57	252.06	318.99	387.81	467.72	537.35	595.10	610.05	554.19	443.20	443.20	443.20	443.20	443.20	443.20	443.20	443.20	443.20	443.20	443.20	443.20	443.20
G 47.5	141.44	150.85	167.64	200.64	247.54	313.71	386.18	473.75	560.77	633.43	633.57	537.94	392.47	392.47	392.47	392.47	392.47	392.47	392.47	392.47	392.47	392.47	392.47	392.47	392.47
G 50.0	136.46	143.00	159.53	189.85	236.27	300.27	376.57	469.96	564.77	636.33	615.15	488.43	335.61	335.61	335.61	335.61	335.61	335.61	335.61	335.61	335.61	335.61	335.61	335.61	335.61
G 52.5	130.28	135.27	149.18	175.89	218.08	277.51	355.22	450.01	539.64	592.37	550.65	420.17	279.84	279.84	279.84	279.84	279.84	279.84	279.84	279.84	279.84	279.84	279.84	279.84	279.84
G 55.0	122.74	126.67	137.77	159.23	196.06	248.88	323.59	412.29	483.88	507.45	450.04	342.84	229.41	229.41	229.41	229.41	229.41	229.41	229.41	229.41	229.41	229.41	229.41	229.41	229.41
G 57.5	114.61	117.18	125.09	141.36	172.42	215.21	280.42	353.75	405.01	408.21	346.45	260.91	185.65	185.65	185.65	185.65	185.65	185.65	185.65	185.65	185.65	185.65	185.65	185.65	185.65
G 60.0	105.33	106.59	112.68	124.26	148.72	180.62	231.56	291.63	325.08	317.07	257.72	192.67	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26
G 62.5	94.45	91.75	96.24	104.23	120.54	141.97	187.47	227.53	249.32	229.45	186.07	145.46	116.98	116.98	116.98	116.98	116.98	116.98	116.98	116.98	116.98	116.98	116.98	116.98	116.98
G 65.0	57.78	54.21	56.16	60.03	70.91	84.06	118.97	147.23	163.92	158.18	132.90	109.77	95.46	95.46	95.46	95.46	95.46	95.46	95.46	95.46	95.46	95.46	95.46	95.46	95.46
G 67.5	21.11	17.75	17.66	19.77	27.75	36.56	56.05	70.86	76.87	70.28	62.83	59.57	61.57	61.57	61.57	61.57	61.57	61.57	61.57	61.57	61.57	61.57	61.57	61.57	61.57
G 70.0	10.55	10.37	10.99	12.38	16.98	22.79	33.46	40.72	41.55	34.49	25.35	18.00	17.31	17.31	17.31	17.31	17.31	17.31	17.31	17.31	17.31	17.31	17.31	17.31	17.31
G 72.5	7.52	7.23	7.50	8.45	11.07	14.42	20.39	24.03	23.39	19.02	14.56	11.12	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37	9.37
G 75.0	4.91	4.91	5.04	5.53	7.04	8.72	12.28	13.31	12.66	10.58	8.45	7.20	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47
G 77.5	3.22	3.25	3.34	3.69	4.36	5.40	7.15	7.65	7.25	6.15	5.31	4.81	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53
G 80.0	2.10	2.03	2.20	2.25	2.70	3.23	4.21	4.34	4.12	3.65	3.45	3.21	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22
G 82.5	1.24	1.22	1.27	1.33	1.59	1.88	2.47	2.58	2.45	2.23	2.16	2.12	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17
G 85.0	0.70	0.68	0.69	0.70	0.82	1.01	1.40	1.51	1.40	1.38	1.36	1.38	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
G 87.5	0.40	0.37	0.38	0.36	0.41	0.45	0.65	0.75	0.77	0.82	0.85	0.92	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
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	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 92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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 97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.5	0.00	0.00	0.00	0																					

**Luminaire**

Code 503233.170

Name AVANTGARDE PLUS MH-E 70W E27

**Measur.**

Code CL2303/08-12S

Name AVANTGARDE C MT 70W E27

Luminaire Flux	3614.14 lm	Luminaire Power	73.00 W	Efficacy	49.51 lm/W	Efficiency	73.76%
Lamps Flux	4900.00 lm	Maximum value	636.33 cd/klm	Position	C=20.00 G=50.00	CG Sym. on planes	270-90

**Luminous Intensity Table cd/klm Table 3/3**

	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00
G 0.0	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11	135.11
G 2.5	140.95	140.90	140.90	141.13	141.62	141.64	142.22	142.33	142.54	143.20	143.38
G 5.0	149.58	149.75	150.58	151.26	151.90	152.14	152.55	152.89	153.24	153.81	153.88
G 7.5	161.16	162.42	164.13	165.23	165.58	166.50	167.39	168.69	168.86	169.97	170.02
G 10.0	177.42	181.76	184.99	187.38	188.16	191.61	191.78	193.47	194.72	194.70	194.90
G 12.5	203.47	208.29	215.14	216.84	218.11	220.14	222.37	221.72	223.42	222.63	221.39
G 15.0	233.87	241.04	246.71	256.58	256.76	255.47	253.77	251.68	248.26	247.41	246.19
G 17.5	267.13	279.17	286.92	290.04	289.54	289.71	290.04	286.49	282.17	281.07	279.52
G 20.0	299.78	311.81	320.70	328.54	338.25	339.80	335.02	330.62	321.82	317.89	314.54
G 22.5	331.04	345.60	363.53	378.33	388.17	391.18	386.12	372.47	356.47	344.34	340.37
G 25.0	364.93	388.08	409.77	429.02	435.99	431.83	411.00	381.86	353.31	330.83	325.26
G 27.5	406.25	432.60	454.49	463.00	450.53	419.39	380.77	337.08	300.80	276.81	268.60
G 30.0	449.18	470.97	477.31	454.21	409.33	358.60	313.86	266.01	240.75	220.15	210.30
G 32.5	482.59	485.95	458.79	398.45	339.43	278.92	239.11	209.35	190.04	178.61	174.88
G 35.0	494.84	459.58	402.29	330.66	266.85	219.83	193.29	173.34	163.24	156.84	155.74
G 37.5	476.18	408.19	332.78	259.25	214.31	184.27	167.46	154.38	146.58	141.80	140.79
G 40.0	437.83	343.70	268.85	212.17	183.35	164.33	151.26	141.75	136.40	133.40	132.18
G 42.5	382.24	287.10	221.80	182.84	163.55	150.19	141.53	133.90	130.48	127.88	127.23
G 45.0	326.85	239.26	190.74	164.34	150.74	141.94	135.33	129.91	126.10	123.68	123.46
G 47.5	275.25	200.30	167.33	150.88	143.00	136.03	131.91	128.31	125.86	125.00	125.46
G 50.0	232.36	172.70	150.05	140.91	136.95	132.86	130.48	127.92	127.40	126.13	125.68
G 52.5	195.22	153.04	138.51	133.06	132.15	131.08	128.51	126.96	127.25	127.63	127.86
G 55.0	164.91	138.91	130.77	127.14	127.76	129.20	128.02	127.76	128.71	129.71	130.36
G 57.5	142.63	126.06	123.57	122.78	122.64	124.33	128.24	127.58	129.20	132.43	133.05
G 60.0	123.42	113.67	113.07	114.70	114.37	115.01	120.11	123.87	127.76	127.09	125.58
G 62.5	104.46	99.71	100.97	102.74	102.10	101.64	104.64	112.57	112.66	110.64	109.93
G 65.0	89.56	85.35	86.39	87.61	87.33	84.97	87.87	93.33	92.48	86.31	84.37
G 67.5	67.78	71.55	71.05	70.20	68.81	69.33	71.75	72.78	67.30	60.94	59.81
G 70.0	22.66	31.85	42.86	52.36	52.57	54.83	56.92	54.58	38.81	25.74	22.87
G 72.5	8.50	8.22	9.75	17.23	26.99	37.79	39.15	35.18	19.50	11.35	10.93
G 75.0	6.00	5.91	5.94	6.42	6.90	8.22	8.91	9.92	8.50	7.55	7.29
G 77.5	4.36	4.33	4.33	4.56	4.77	4.97	5.16	5.46	5.26	5.17	5.05
G 80.0	3.16	3.17	3.19	3.36	3.41	3.55	3.53	3.70	3.66	3.65	3.60
G 82.5	2.22	2.33	2.38	2.47	2.55	2.65	2.62	2.68	2.64	2.68	2.63
G 85.0	1.55	1.63	1.75	1.82	1.95	1.97	2.00	1.99	1.99	1.99	2.00
G 87.5	1.09	1.13	1.25	1.33	1.44	1.53	1.60	1.56	1.49	1.39	1.37
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
G 92.5	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
G 97.5	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
G102.5	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
G107.5	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
G112.5	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
G117.5	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
G122.5	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
G127.5	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
G132.5	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
G137.5	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
G142.5	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
G147.5	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
G152.5	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
G157.5	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
G162.5	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
G167.5	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
G172.5	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
G177.5	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