

**Luminaire**

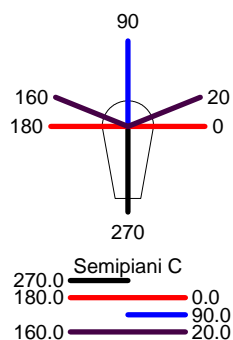
Code 503233.115  
Name AVANTGARDE PLUS MH-E 150W E27

**Measurem.**

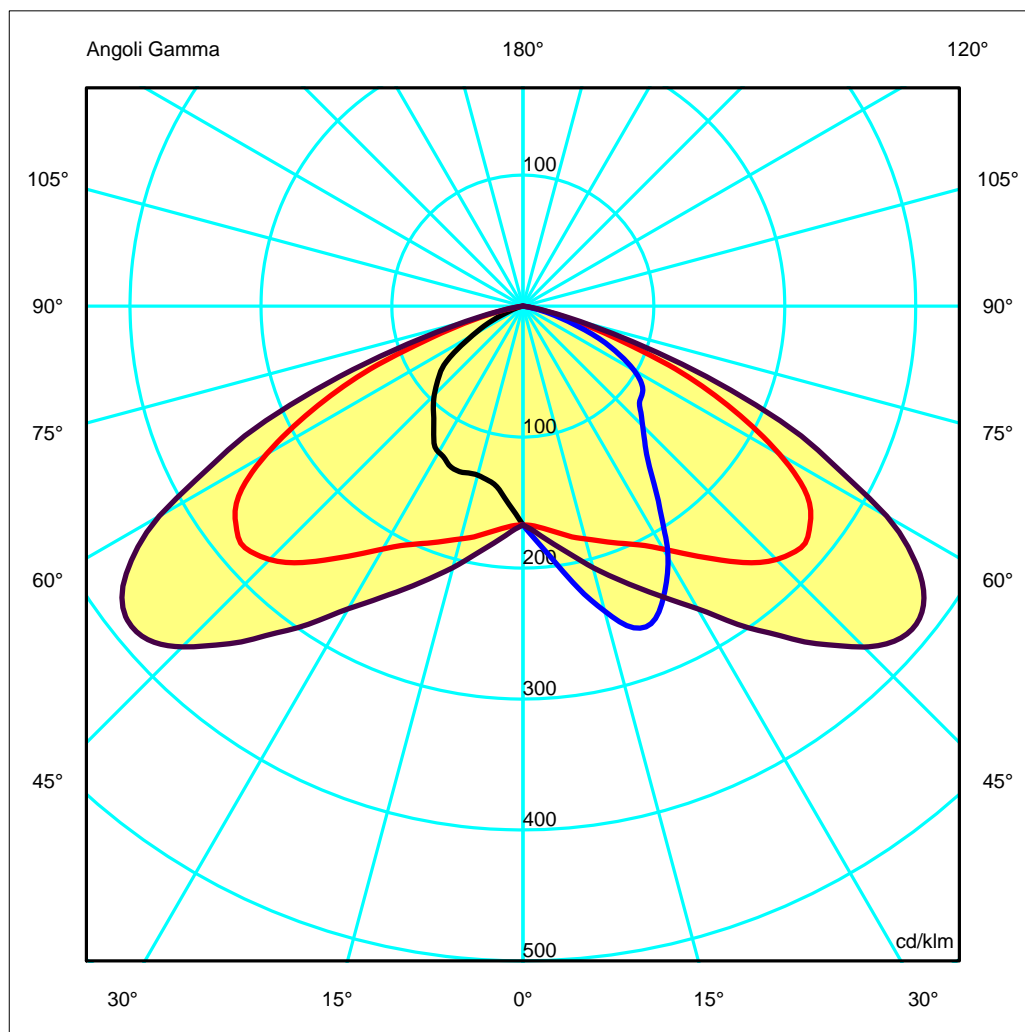
Code CL2303/08-38S  
Name AVANTGARDE C ME150W P6 14\_11\_

Luminaire Flux	8741.06 lm	Luminaire Power	150.00 W	Efficacy	58.27 lm/W	Efficiency	72.24%
Lamps Flux	12100.00 lm	Maximum value	385.94 cd/klm	Position	C=20.00 G=50.00	CG Sym. on planes 270-90	
Rectangular Luminaire		Length	589 mm	Width	546 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		14-11-2008		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		11500.00 lm	
Operator		ABDEL		Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes		1 * HQI-E 150/NDL = 11500 lm					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS MD,MT,ME,MC		HQIE150NDL		Name POWERSTAR HQI - E		12100.00	150.00	1
C.I.E.	43 82 98 100 72			D DIN 5040		A30		



ULOR 0.00 %  
DLOR 72.24 %  
RN 0.00 %



**Luminaire**

Code 503233.115

Name AVANTGARDE PLUS MH-E 150W E27

**Measurum.**

Code CL2303/08-38S

Name AVANTGARDE C ME150W P6 14\_11\_

Luminaire Flux		8741.06 lm		Luminaire Power		150.00 W		Efficacy		58.27 lm/W		Efficiency		72.24%												
Lamps Flux		12100.00 lm		Maximum value		385.94 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	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00
G 2.5	156.78	155.66	156.37	156.42	157.66	156.41	157.90	158.00	159.10	158.18	160.96	160.49	161.64	159.88	160.96	160.49	161.64	159.88	160.96	160.49	161.64	159.88	160.96	160.49	161.64	159.88
G 5.0	148.58	147.70	148.82	147.50	151.23	149.05	151.29	151.23	153.70	153.20	155.90	156.12	158.70	155.90	156.12	158.70	155.90	156.12	158.70	155.90	156.12	158.70	155.90	156.12	158.70	155.90
G 7.5	140.88	141.46	142.81	141.78	144.36	143.61	145.67	145.91	148.61	149.03	152.27	153.29	156.38	152.27	153.29	156.38	152.27	153.29	156.38	152.27	153.29	156.38	152.27	153.29	156.38	152.27
G 10.0	136.74	137.71	138.12	137.62	139.62	139.12	140.90	141.86	144.18	144.86	148.73	149.88	154.10	144.86	148.73	149.88	154.10	144.86	148.73	149.88	154.10	144.86	148.73	149.88	154.10	144.86
G 12.5	134.87	135.84	136.79	136.07	137.76	137.53	139.24	139.89	142.01	142.84	146.56	147.45	152.96	142.84	146.56	147.45	152.96	142.84	146.56	147.45	152.96	142.84	146.56	147.45	152.96	142.84
G 15.0	133.60	134.67	135.17	134.82	136.40	136.26	137.72	138.60	140.74	141.90	145.23	146.70	150.97	141.90	145.23	146.70	150.97	141.90	145.23	146.70	150.97	141.90	145.23	146.70	150.97	141.90
G 17.5	133.67	135.06	135.19	134.42	135.90	135.59	136.50	137.23	138.98	140.48	144.56	146.37	150.98	140.48	144.56	146.37	150.98	140.48	144.56	146.37	150.98	140.48	144.56	146.37	150.98	140.48
G 20.0	135.11	136.05	136.74	135.85	136.78	135.85	136.66	137.22	139.02	139.45	142.94	145.03	150.50	139.45	142.94	145.03	150.50	139.45	142.94	145.03	150.50	139.45	142.94	145.03	150.50	139.45
G 22.5	135.16	136.07	136.24	135.74	137.44	137.30	137.98	137.68	139.15	139.74	142.47	143.91	149.09	139.74	142.47	143.91	149.09	139.74	142.47	143.91	149.09	139.74	142.47	143.91	149.09	139.74
G 25.0	133.88	134.57	135.58	134.89	137.33	137.69	138.88	138.81	140.12	140.16	142.46	143.60	148.40	140.16	142.46	143.60	148.40	140.16	142.46	143.60	148.40	140.16	142.46	143.60	148.40	140.16
G 27.5	130.35	130.64	132.35	132.52	136.00	136.43	138.72	139.58	140.81	140.66	142.39	142.98	147.64	140.66	142.39	142.98	147.64	140.66	142.39	142.98	147.64	140.66	142.39	142.98	147.64	140.66
G 30.0	128.76	129.14	129.90	130.78	134.93	136.91	138.95	139.28	141.47	140.57	142.12	142.42	147.12	140.57	142.12	142.42	147.12	140.57	142.12	142.42	147.12	140.57	142.12	142.42	147.12	140.57
G 32.5	125.82	126.36	128.18	129.95	134.72	136.60	140.34	141.19	141.48	140.71	142.40	142.11	146.68	140.71	142.40	142.11	146.68	140.71	142.40	142.11	146.68	140.71	142.40	142.11	146.68	140.71
G 35.0	118.96	120.05	122.74	125.96	132.38	136.28	139.92	141.85	143.18	141.22	143.25	142.30	145.90	141.22	143.25	142.30	145.90	141.22	143.25	142.30	145.90	141.22	143.25	142.30	145.90	141.22
G 37.5	111.68	112.82	116.71	121.53	130.51	134.39	138.50	140.50	143.84	142.56	143.05	142.68	146.18	142.56	143.05	142.68	146.18	142.56	143.05	142.68	146.18	142.56	143.05	142.68	146.18	142.56
G 40.0	106.38	107.77	111.95	116.53	125.98	131.55	136.48	138.17	141.85	142.56	143.05	142.38	146.88	142.56	143.05	142.38	146.88	142.56	143.05	142.38	146.88	142.56	143.05	142.38	146.88	142.56
G 42.5	101.15	102.61	105.59	110.64	118.53	125.37	132.73	135.29	138.92	139.73	142.61	141.89	147.03	139.73	142.61	141.89	147.03	139.73	142.61	141.89	147.03	139.73	142.61	141.89	147.03	139.73
G 45.0	95.66	97.26	100.21	104.14	111.69	116.89	125.36	130.15	134.68	135.92	140.22	140.73	146.73	134.68	135.92	140.22	140.73	146.73	134.68	135.92	140.22	140.73	146.73	134.68	135.92	140.22
G 47.5	89.60	91.21	92.90	95.35	103.07	107.71	116.91	121.07	127.56	130.67	136.00	138.58	145.22	127.56	130.67	136.00	138.58	145.22	127.56	130.67	136.00	138.58	145.22	127.56	130.67	136.00
G 50.0	83.97	85.66	86.21	87.39	92.11	96.07	105.98	111.40	119.90	123.97	130.92	134.87	142.42	119.90	123.97	130.92	134.87	142.42	119.90	123.97	130.92	134.87	142.42	119.90	123.97	130.92
G 52.5	77.83	78.97	78.85	79.45	82.85	85.69	92.21	100.01	110.25	116.05	124.40	129.86	138.04	110.25	116.05	124.40	129.86	138.04	110.25	116.05	124.40	129.86	138.04	110.25	116.05	124.40
G 55.0	68.17	68.31	68.86	69.51	72.49	74.84	80.78	88.92	99.21	107.23	118.08	124.02	133.25	99.21	107.23	118.08	124.02	133.25	99.21	107.23	118.08	124.02	133.25	99.21	107.23	118.08
G 57.5	55.79	56.33	58.90	59.22	63.09	62.48	70.50	78.20	89.38	97.97	109.74	116.83	126.84	89.38	97.97	109.74	116.83	126.84	89.38	97.97	109.74	116.83	126.84	89.38	97.97	109.74
G 60.0	44.09	45.36	47.80	47.96	49.41	51.09	59.62	67.30	80.22	88.19	100.38	107.28	116.14	67.30	80.22	88.19	100.38	107.28	67.30	80.22	88.19	100.38	107.28	67.30	80.22	88.19
G 62.5	34.92	34.69	36.80	36.68	39.05	40.82	48.59	57.05	69.04	76.79	87.89	93.86	103.67	57.05	69.04	76.79	87.89	93.86	57.05	69.04	76.79	87.89	93.86	57.05	69.04	76.79
G 65.0	25.38	23.96	27.57	25.86	29.17	31.10	38.30	44.36	57.62	63.82	73.96	77.70	86.76	44.36	57.62	63.82	73.96	77.70	44.36	57.62	63.82	73.96	77.70	44.36	57.62	63.82
G 67.5	16.73	16.03	17.80	18.12	19.83	21.32	27.91	33.69	43.41	50.19	58.44	62.61	68.69	33.69	43.41	50.19	58.44	62.61	33.69	43.41	50.19	58.44	62.61	33.69	43.41	50.19
G 70.0	10.52	10.00	11.49	11.09	12.18	12.84	17.78	22.52	32.13	36.32	44.46	46.68	52.43	22.52	32.13	36.32	44.46	46.68	22.52	32.13	36.32	44.46	46.68	22.52	32.13	36.32
G 72.5	6.91	6.57	7.08	7.11	7.68	7.94	11.18	13.28	21.17	24.25	30.50	30.60	34.10	13.28	21.17	24.25	30.50	30.60	13.28	21.17	24.25	30.50	30.60	13.28	21.17	24.25
G 75.0	4.93	4.94	5.12	5.00	5.50	5.54	6.29	7.27	11.99	14.32	18.68	18.68	21.51	7.27	11.99	14.32	18.68	18.68	7.27	11.99	14.32	18.68	18.68	7.27	11.99	14.32
G 77.5	3.31	3.25	3.52	3.42	3.85	3.63	4.26	4.16	5.81	7.12	9.73	9.91	11.51	4.16	5.81	7.12	9.73	9.91	4.16	5.81	7.12	9.73	9.91	4.16	5.81	7.12
G 80.0	2.09	2.03	2.14	2.05	2.34	2.23	2.60	2.54	3.08	3.21	4.49	4.28	4.99	2.54	3.08	3.21	4.49	4.28	2.54	3.08	3.21	4.49	4.28	2.54	3.08	3.21
G 82.5	1.00	1.00	1.14	1.02	1.19	1.16	1.48	1.41	1.70	1.70	1.95	1.88	2.27	1.41	1.70	1.70	1.95	1.88	1.41	1.70	1.70	1.95	1.88	1.41	1.70	1.70
G 85.0	0.38	0.33	0.43	0.44	0.60	0.66	0.75	0.75	0.86	0.85	1.00	0.91	1.05	0.75	0.75	0.86	0.85	1.00	0.91	0.75	0.75	0.86	0.85	1.00	0.91	1.05
G 87.5	0.08	0.08	0.08	0.09	0.19	0.39	0.52	0.48	0.50	0.45	0.46	0.40	0.43	0.48	0.45	0.46	0.40	0.43	0.48	0.45	0.46	0.40	0.43	0.48	0.45	0.46
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.03	0.05	0.04	0.06	0.05	0.06	0.03	0.05	0.04	0.06	0.05	0.06	0.03	0.05	0.04	0.06	0.05	0.06	0.03
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	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	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		

**Luminaire**

Code 503233.115

Name AVANTGARDE PLUS MH-E 150W E27

**Measur.**

Code CL2303/08-38S

Name AVANTGARDE C ME150W P6 14\_11\_

Luminaire Flux		8741.06 lm		Luminaire Power		150.00 W		Efficacy		58.27 lm/W		Efficiency		72.24%	
Lamps Flux		12100.00 lm		Maximum value		385.94 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	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00
G 2.5	162.53	163.90	165.09	166.17	167.43	167.77	169.38	169.85	171.29	171.33	172.11	173.88	173.86	180.13	173.86
G 5.0	160.24	162.48	164.56	166.34	169.13	170.06	172.12	173.81	175.89	177.37	177.93	180.46	180.43	187.47	180.46
G 7.5	158.71	162.32	164.94	167.27	171.02	173.21	175.56	178.14	181.01	183.42	184.01	187.62	187.47	195.54	187.47
G 10.0	157.67	161.94	166.08	169.69	174.01	176.86	179.98	183.59	187.27	190.46	191.31	195.54	195.54	204.18	195.54
G 12.5	156.54	162.23	166.89	171.89	176.78	180.81	184.91	189.31	194.19	198.19	199.56	204.18	205.38	214.10	205.38
G 15.0	155.68	161.52	167.63	173.19	179.59	183.99	189.39	195.14	201.14	206.63	208.77	214.10	216.10	224.32	216.10
G 17.5	155.21	161.57	168.10	175.21	182.34	187.57	193.92	201.38	208.86	215.05	218.50	224.32	227.07	236.23	227.07
G 20.0	154.84	161.52	168.78	177.07	185.48	191.74	198.73	206.98	216.38	223.68	228.16	236.23	237.93	247.08	237.93
G 22.5	154.55	161.75	169.63	178.98	189.01	195.98	203.69	213.61	225.54	233.45	238.22	247.08	250.02	260.28	247.08
G 25.0	154.15	162.18	170.66	180.62	192.16	200.69	208.22	221.38	233.77	243.17	249.09	260.28	263.23	273.61	260.28
G 27.5	152.99	162.22	172.08	183.65	196.25	206.40	216.28	230.05	244.21	254.55	261.65	272.30	278.62	291.55	278.62
G 30.0	152.35	161.96	173.16	187.07	201.26	214.10	225.15	240.80	255.90	266.75	274.07	286.75	291.55	304.73	291.55
G 32.5	152.27	161.59	175.56	191.14	208.80	223.15	236.16	253.50	269.51	282.48	290.11	302.53	304.73	316.82	304.73
G 35.0	152.37	163.00	179.05	197.61	217.32	233.10	248.95	267.66	284.49	299.68	305.64	316.82	316.07	328.92	316.07
G 37.5	153.48	165.25	182.53	204.49	227.22	243.77	262.05	281.96	301.48	315.61	322.68	330.00	324.31	339.32	324.31
G 40.0	153.22	167.51	186.28	211.50	236.05	255.10	275.25	298.78	319.89	334.61	338.49	339.32	328.92	346.79	328.92
G 42.5	153.87	169.22	189.54	217.31	244.25	265.53	287.89	313.19	337.28	351.12	354.18	346.79	329.87	351.58	329.87
G 45.0	154.13	169.47	191.80	221.88	252.14	273.57	298.87	326.62	352.70	368.06	366.99	351.58	328.73	366.99	351.58
G 47.5	152.98	168.01	192.31	223.76	255.73	279.07	306.12	335.34	365.13	380.27	374.78	352.92	323.64	380.27	352.92
G 50.0	150.86	165.93	190.98	222.35	255.54	281.43	309.43	340.39	372.60	385.94	376.64	347.17	313.74	385.94	376.64
G 52.5	147.09	162.46	186.74	218.38	251.10	275.99	307.20	339.46	373.37	383.95	371.86	335.46	296.28	383.95	371.86
G 55.0	141.79	156.52	178.66	209.57	241.28	267.88	299.37	331.41	364.77	372.86	356.96	313.92	273.61	364.77	356.96
G 57.5	134.64	148.72	168.54	197.98	225.94	251.70	283.59	314.11	348.20	351.72	335.17	288.61	246.96	348.20	351.72
G 60.0	122.68	134.53	151.96	177.73	201.52	226.32	257.93	285.57	319.29	320.69	302.88	258.99	217.46	319.29	320.69
G 62.5	107.35	118.04	130.45	151.98	173.31	195.73	225.97	249.73	281.16	273.87	259.78	219.78	183.32	249.73	281.16
G 65.0	89.49	98.57	107.83	125.62	142.50	162.37	190.89	208.78	235.74	234.50	214.49	174.30	149.47	208.78	235.74
G 67.5	70.57	78.64	84.36	100.82	112.02	128.37	149.15	167.96	186.98	182.06	166.97	129.98	116.37	149.15	167.96
G 70.0	51.97	57.21	58.18	66.75	73.71	87.12	101.94	116.12	129.21	129.14	118.00	96.78	83.86	101.94	116.12
G 72.5	32.99	36.95	37.55	44.03	47.99	57.96	67.70	75.31	83.04	80.21	71.19	54.38	52.13	67.70	75.31
G 75.0	20.63	22.02	21.17	26.91	28.83	35.37	42.28	46.67	49.28	45.37	41.72	32.43	28.86	42.28	46.67
G 77.5	10.35	12.42	11.42	14.41	15.38	19.07	22.98	23.47	26.43	24.02	21.26	15.38	15.28	22.98	23.47
G 80.0	4.64	5.71	5.02	6.47	7.18	9.40	11.01	11.17	11.65	10.55	8.77	7.40	6.44	9.40	11.01
G 82.5	2.14	2.53	2.57	3.14	3.31	4.02	5.13	4.90	5.01	4.37	3.72	3.12	2.93	5.13	4.90
G 85.0	1.01	1.10	1.08	1.30	1.27	1.63	2.10	2.03	2.33	1.88	1.83	1.62	1.69	2.10	2.03
G 87.5	0.37	0.39	0.37	0.38	0.35	0.38	0.56	0.58	0.68	0.75	0.87	0.84	0.93	0.56	0.58
G 90.0	0.04	0.05	0.04	0.04	0.03	0.01	0.08	0.12	0.18	0.19	0.29	0.27	0.32	0.08	0.12
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.													

**Luminaire**

Code 503233.115

Name AVANTGARDE PLUS MH-E 150W E27

**Measur.**

Code CL2303/08-38S

Name AVANTGARDE C ME150W P6 14\_11\_

Luminaire Flux	8741.06 lm	Luminaire Power	150.00 W	Efficacy	58.27 lm/W	Efficiency	72.24%
Lamps Flux	12100.00 lm	Maximum value	385.94 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	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00	167.00
G 2.5	174.80	175.10	176.31	176.75	177.85	177.40	178.99	177.20	178.92	178.51	176.37
G 5.0	182.84	182.47	185.94	184.39	187.28	186.73	188.60	187.27	189.82	185.96	186.68
G 7.5	190.59	190.43	194.89	193.86	196.45	196.41	199.91	197.81	200.81	197.66	198.89
G 10.0	199.84	201.00	204.25	204.58	208.10	207.66	211.43	209.81	213.78	209.16	212.89
G 12.5	209.97	210.45	215.84	217.37	220.40	220.99	223.58	223.36	226.54	224.66	227.52
G 15.0	220.30	222.51	228.24	229.43	233.64	234.80	238.22	237.57	240.38	239.69	240.94
G 17.5	233.17	235.43	241.32	242.85	248.05	248.57	252.89	252.00	254.62	253.89	254.31
G 20.0	246.22	248.73	255.66	257.57	262.51	261.56	263.91	262.93	262.33	258.21	261.66
G 22.5	259.79	262.54	269.65	270.19	272.08	269.74	269.45	265.82	263.33	259.98	260.44
G 25.0	273.67	276.33	281.24	278.69	276.44	270.29	265.43	259.70	254.70	251.99	250.84
G 27.5	287.42	287.62	288.55	281.68	273.03	262.93	255.53	247.26	242.16	239.19	237.06
G 30.0	298.89	295.64	289.51	276.55	264.33	252.65	243.71	234.91	228.37	220.88	221.76
G 32.5	307.78	297.33	285.16	269.04	255.02	241.90	230.30	219.23	209.65	203.90	199.70
G 35.0	310.73	294.24	277.65	259.89	243.25	226.79	211.49	199.32	189.94	181.95	179.37
G 37.5	310.23	288.56	268.50	246.42	226.74	207.69	193.36	179.89	170.85	165.75	160.99
G 40.0	307.58	281.05	254.63	230.44	208.18	189.16	174.54	162.77	156.54	151.11	146.68
G 42.5	302.69	270.78	240.22	213.04	188.97	172.71	159.83	150.33	143.60	138.48	137.23
G 45.0	293.33	255.70	221.50	193.09	172.75	157.64	148.62	140.53	135.98	130.05	129.21
G 47.5	281.17	237.58	202.74	176.73	157.91	146.83	139.67	134.19	129.59	125.28	122.54
G 50.0	263.89	218.37	183.65	159.38	145.34	137.15	132.14	127.15	122.16	117.78	116.12
G 52.5	242.61	197.95	165.69	144.98	134.69	128.94	124.21	120.37	117.76	115.15	113.82
G 55.0	221.07	177.59	150.23	134.15	125.31	120.34	118.11	115.83	115.32	113.12	111.76
G 57.5	196.22	159.09	136.69	123.33	115.49	111.66	112.10	112.10	111.22	108.32	106.52
G 60.0	169.98	141.08	122.94	113.16	107.20	103.40	104.18	104.02	103.94	101.36	97.89
G 62.5	148.87	125.40	110.77	102.99	98.73	95.61	92.94	93.10	91.74	89.59	86.41
G 65.0	118.78	104.53	94.08	92.94	89.32	86.04	82.70	81.00	79.32	77.24	74.11
G 67.5	94.34	83.09	79.67	78.09	75.79	75.58	70.99	68.18	64.18	62.84	60.08
G 70.0	70.69	65.20	61.84	62.27	60.73	59.39	57.14	54.24	49.71	48.10	44.30
G 72.5	43.59	47.06	43.22	45.45	43.02	44.74	42.56	40.35	36.07	34.49	30.80
G 75.0	22.82	25.27	26.22	28.51	28.70	30.48	28.51	28.56	24.00	23.59	20.35
G 77.5	12.83	13.96	13.78	15.13	16.18	17.70	16.65	16.87	14.48	13.10	11.20
G 80.0	5.39	6.20	6.38	7.20	8.06	8.91	8.12	8.81	7.48	6.70	5.58
G 82.5	2.36	2.67	2.65	2.93	3.16	3.71	3.75	4.14	3.78	3.50	3.30
G 85.0	1.51	1.60	1.67	1.73	1.85	2.01	1.91	2.03	2.02	2.17	2.09
G 87.5	0.96	1.05	1.09	1.23	1.30	1.40	1.42	1.44	1.29	1.34	1.25
G 90.0	0.32	0.37	0.34	0.43	0.40	0.44	0.42	0.44	0.27	0.30	0.16
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