

**Luminaire**

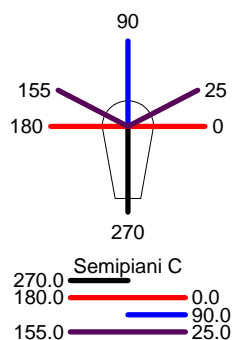
Code 504233.140  
Name AVANTGARDE XL MH-T 400W E40

**Measurerm.**

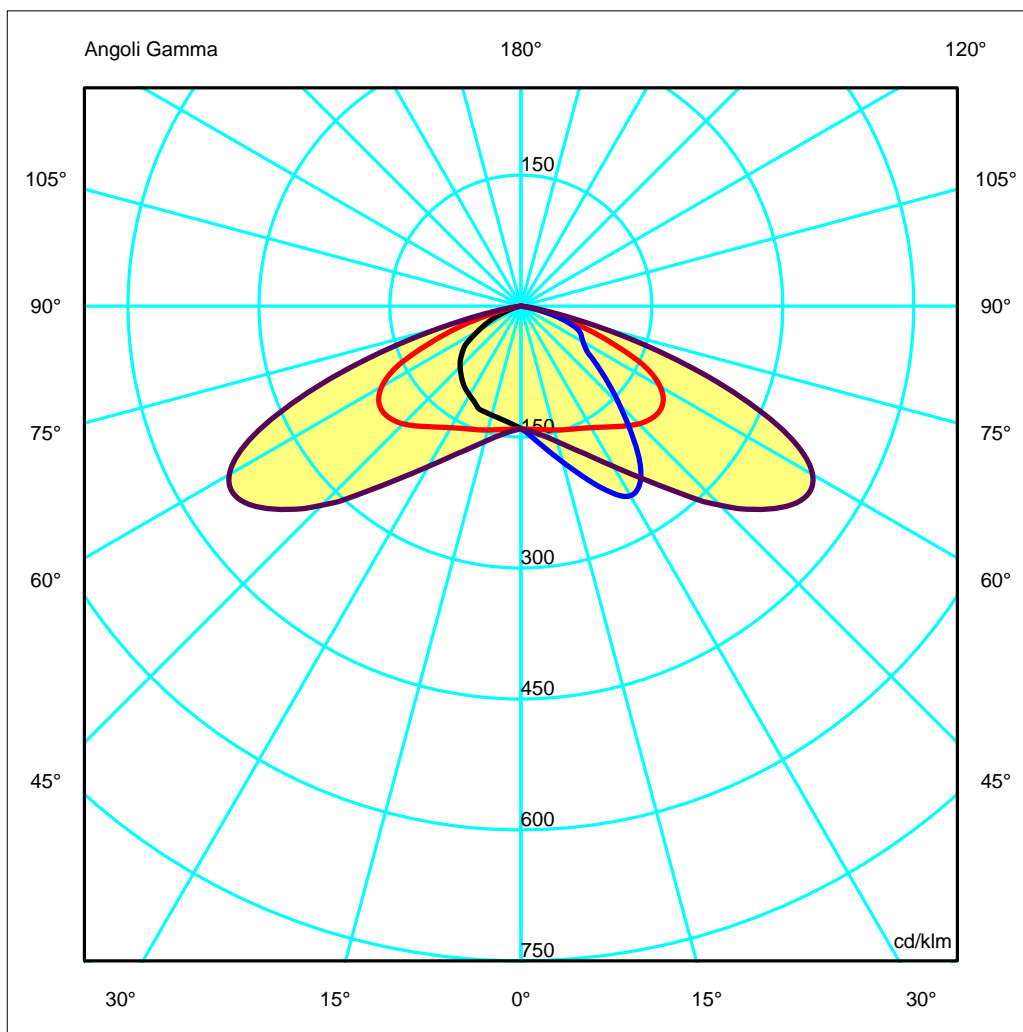
Code CL2303/09-04S-BF  
Name AVANTGARDE XL MH-E 150W-P1

Luminaire Flux	30583.84 lm	Luminaire Power	420.00 W	Efficacy	72.82 lm/W	Efficiency	72.82%
Lamps Flux	42000.00 lm	Maximum value	393.24 cd/klm	Position	C=25.00 G=57.50	CG Sym. on planes 270-90	
Rectangular Luminaire		Length	719 mm	Width	387 mm	Height	224 mm
Rectangular Luminous Area		Length	330 mm	Width	270 mm	Height	0 mm
Horizontal Luminous Area		0.089100 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°		0.021555 m2	
Coordinate system		CG Roads		Symmetry Type		Sym. on planes 270-90	
Date		16-01-2009		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		12000.00 lm	
Operator		AC		Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes		1 * HQI-E 150/WDL = 12000 lm					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS MD,MT,ME,MC		HQIT400N		Name POWERSTAR HQI - T		42000.00	420.00	1
C.I.E.	38 77 98 100 73			D DIN 5040		A20		



ULOR 0.03 %  
DLOR 72.78 %  
RN 0.05 %



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Luminaire Flux	30583.84 lm			Luminaire Power		420.00 W		Efficacy		72.82 lm/W		Efficiency		72.82%	
Lamps Flux	42000.00 lm			Maximum value		393.24 cd/klm		Position		C=25.00 G=57.50		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	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	
G 2.5	137.17	137.25	137.30	137.29	137.39	137.61	137.64	137.73	138.03	138.39	138.59	138.80	139.04	139.04	
G 5.0	134.78	134.80	135.07	135.28	135.46	135.76	135.75	135.76	136.17	136.55	137.10	137.72	138.05	138.05	
G 7.5	132.83	132.89	133.19	133.37	133.56	133.92	133.99	134.07	134.68	135.26	135.78	136.48	137.14	137.14	
G 10.0	131.44	131.43	131.72	131.75	131.55	132.19	132.61	132.68	133.35	133.95	134.58	135.48	136.33	136.33	
G 12.5	129.91	129.88	130.21	130.25	130.09	130.76	131.25	131.66	132.36	132.96	133.70	134.73	135.83	135.83	
G 15.0	128.96	128.90	129.20	129.23	129.06	129.68	130.18	130.55	131.34	132.14	132.92	134.15	135.54	135.54	
G 17.5	128.37	128.40	128.69	128.73	128.59	129.20	129.66	129.88	130.61	131.30	132.07	133.57	135.18	135.18	
G 20.0	127.85	127.91	128.36	128.58	128.55	129.19	129.66	129.76	130.39	130.99	131.75	133.28	135.06	135.06	
G 22.5	126.83	127.02	127.63	128.05	128.37	129.33	129.95	130.05	130.60	130.94	131.54	133.02	134.87	134.87	
G 25.0	123.41	124.27	125.64	126.74	127.68	129.19	130.30	130.60	131.12	131.34	131.86	133.08	134.91	134.91	
G 27.5	120.04	120.70	122.38	123.87	125.32	128.12	130.08	130.88	131.72	131.78	132.16	133.23	134.94	134.94	
G 30.0	117.60	118.18	119.76	121.33	123.12	125.95	128.48	130.70	132.20	132.60	133.15	133.84	135.34	135.34	
G 32.5	115.47	115.93	117.39	119.35	121.51	124.38	127.13	129.65	131.62	132.53	133.40	134.39	135.91	135.91	
G 35.0	112.70	113.28	114.96	117.40	120.04	123.15	125.92	128.03	130.46	132.59	133.89	135.06	136.76	136.76	
G 37.5	109.51	110.19	112.04	114.98	118.24	121.86	125.05	127.09	129.39	132.15	134.28	135.73	137.57	137.57	
G 40.0	105.90	106.41	108.36	111.97	115.77	120.09	123.94	126.09	128.23	130.91	133.60	135.84	138.28	138.28	
G 42.5	102.35	102.52	104.11	107.69	112.13	117.63	122.32	125.36	127.76	129.80	132.89	136.34	139.26	139.26	
G 45.0	98.45	98.64	100.15	103.29	107.84	114.15	119.45	123.60	126.69	128.61	132.15	136.90	140.41	140.41	
G 47.5	94.34	94.42	95.74	98.64	103.18	109.74	115.63	120.73	124.83	127.57	131.57	137.01	141.13	141.13	
G 50.0	89.50	89.56	90.47	92.91	97.46	104.22	110.52	116.67	122.05	126.10	130.61	136.27	141.18	141.18	
G 52.5	83.80	83.65	84.44	86.56	90.87	97.51	103.83	111.04	117.86	123.48	128.66	134.08	140.07	140.07	
G 55.0	77.76	77.31	77.53	79.44	83.11	88.80	95.17	102.91	111.05	118.81	125.35	130.85	137.19	137.19	
G 57.5	66.97	67.14	68.22	70.58	74.06	79.32	85.98	94.22	102.94	112.09	120.21	126.25	132.61	132.61	
G 60.0	56.78	57.15	58.74	61.23	64.40	69.53	75.99	83.97	93.33	103.80	113.06	119.81	126.31	126.31	
G 62.5	47.22	47.52	49.22	51.94	55.03	59.46	65.15	72.83	82.29	93.18	103.40	111.20	118.31	118.31	
G 65.0	38.34	38.68	40.12	42.63	45.63	49.50	54.42	61.12	70.02	80.26	89.98	98.43	105.53	105.53	
G 67.5	28.70	29.74	31.26	32.97	35.48	38.65	43.19	49.30	57.31	66.14	74.07	81.85	88.80	88.80	
G 70.0	20.51	21.59	22.99	23.87	25.49	28.21	31.69	36.40	43.24	50.79	57.54	63.80	69.03	69.03	
G 72.5	13.95	14.06	14.40	15.40	16.87	18.51	21.06	24.83	30.09	36.00	41.47	46.31	50.25	50.25	
G 75.0	8.91	8.91	9.01	9.42	10.17	11.12	12.57	14.82	18.20	22.41	26.63	29.89	30.52	30.52	
G 77.5	5.88	5.87	5.90	6.06	6.30	6.49	6.98	7.88	9.52	11.93	13.67	15.36	16.51	16.51	
G 80.0	3.63	3.62	3.56	3.62	3.81	3.90	4.03	4.22	4.85	5.72	6.01	6.11	6.56	6.56	
G 82.5	1.95	1.95	1.90	1.86	1.83	1.89	2.00	2.11	2.29	2.45	2.58	2.64	2.85	2.85	
G 85.0	0.79	0.79	0.77	0.75	0.75	0.78	0.81	0.83	0.90	0.94	0.96	0.99	1.02	1.02	
G 87.5	0.20	0.21	0.22	0.24	0.25	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.51	0.51	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
G177.5	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	
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	0.00	

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Lamps Flux		42000.00 lm		Maximum value		393.24 cd/klm		Position		C=25.00 G=57.50		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	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24
G 2.5	139.29	139.57	139.87	140.29	140.69	140.87	140.50	140.60	141.22	141.71	142.04	142.36	142.72	143.08	143.43
G 5.0	138.55	139.10	139.89	140.80	141.42	141.57	140.97	141.33	142.48	143.43	144.21	145.21	146.31	147.42	148.53
G 7.5	137.84	138.63	139.62	140.74	141.85	142.43	141.87	142.38	144.01	145.84	147.42	148.83	150.57	152.34	154.12
G 10.0	137.27	138.41	139.60	140.93	142.48	143.51	143.18	144.09	146.36	148.76	150.98	153.01	155.13	157.27	159.45
G 12.5	137.10	138.38	139.72	141.33	143.34	145.12	144.93	146.37	149.34	152.34	155.07	157.60	160.13	162.66	165.19
G 15.0	136.94	138.48	140.17	141.90	144.33	146.91	147.25	149.50	153.03	156.69	160.48	163.93	166.99	170.05	173.11
G 17.5	136.85	138.68	140.49	142.45	145.40	148.65	149.76	152.74	157.21	161.82	166.66	171.38	174.67	177.97	181.27
G 20.0	136.98	139.04	140.99	143.14	146.61	150.47	152.61	156.37	162.55	168.41	173.78	179.27	183.43	187.58	191.74
G 22.5	137.10	139.43	141.54	143.99	148.02	152.44	155.22	159.98	167.61	174.85	181.22	188.06	193.45	198.84	204.23
G 25.0	137.36	139.79	142.18	145.05	149.54	154.72	158.12	163.76	172.79	181.79	189.96	197.82	204.78	211.74	218.69
G 27.5	137.54	140.42	143.14	146.30	151.34	157.34	161.26	168.19	179.51	190.71	200.60	209.16	217.02	224.88	232.74
G 30.0	137.86	140.89	144.28	147.86	153.65	160.78	165.10	173.50	187.32	200.31	211.95	222.05	230.68	238.31	245.94
G 32.5	138.37	141.77	145.75	149.76	156.28	164.60	169.68	179.62	196.22	211.43	225.09	236.52	245.85	254.18	262.51
G 35.0	139.25	142.90	147.27	151.87	159.18	168.90	176.20	187.57	207.04	224.94	240.47	253.16	263.56	272.95	282.34
G 37.5	140.27	144.24	148.94	154.20	162.77	174.01	182.74	196.34	219.69	240.79	258.29	271.61	282.71	292.81	302.91
G 40.0	141.31	145.75	151.39	157.19	166.36	179.73	191.14	207.22	234.19	258.28	277.60	291.52	301.40	311.28	321.16
G 42.5	142.61	147.28	152.85	159.44	170.16	185.28	199.13	220.37	250.58	278.39	301.47	313.39	319.84	326.29	332.74
G 45.0	143.88	148.89	154.76	161.93	173.68	190.64	207.01	231.87	267.10	298.57	322.49	333.24	336.96	340.68	344.40
G 47.5	144.56	149.91	156.19	163.99	176.77	195.14	214.67	244.18	283.80	318.43	343.97	351.81	349.70	347.58	345.46
G 50.0	144.77	150.15	156.81	165.01	178.68	198.06	220.65	255.31	299.45	336.63	362.06	368.54	361.96	359.84	357.72
G 52.5	144.33	149.44	156.41	164.98	179.00	199.08	225.69	266.03	313.90	353.22	377.86	379.83	364.54	362.42	360.30
G 55.0	142.33	147.45	154.10	162.80	177.04	197.67	226.98	272.00	324.03	365.49	389.49	384.60	359.29	357.17	355.05
G 57.5	138.04	143.51	149.78	158.12	172.56	193.11	224.90	273.62	328.64	372.01	393.24	380.09	344.46	342.34	340.22
G 60.0	132.17	138.04	143.31	149.87	163.89	184.33	218.48	270.10	326.61	369.89	385.81	364.99	320.49	318.37	316.25
G 62.5	123.89	129.09	133.18	137.53	150.36	169.57	204.68	259.12	315.38	354.84	364.02	337.99	287.66	285.54	283.42
G 65.0	110.60	115.43	118.08	120.52	132.03	147.86	182.04	236.77	290.25	324.95	325.61	295.90	246.13	244.01	241.89
G 67.5	93.03	96.56	97.96	99.66	108.12	117.63	150.75	204.90	252.85	281.05	273.65	243.10	198.85	196.73	194.61
G 70.0	72.56	75.45	76.01	76.38	83.03	89.50	118.89	165.25	198.70	219.35	213.47	186.75	149.63	147.51	145.39
G 72.5	52.16	53.51	52.72	51.98	56.83	62.22	82.86	121.65	145.62	158.68	151.32	130.74	104.04	101.92	99.80
G 75.0	30.71	30.76	30.30	31.83	35.15	37.16	52.12	81.00	95.68	101.79	94.66	81.00	63.11	61.00	58.88
G 77.5	16.85	16.59	15.97	16.59	18.22	20.32	28.57	46.28	54.55	57.08	49.69	40.04	31.42	29.30	27.18
G 80.0	7.24	7.13	7.12	7.83	8.60	9.01	12.51	22.22	25.77	27.32	23.44	17.20	13.14	12.93	12.72
G 82.5	3.17	3.09	3.09	3.43	3.68	3.61	4.87	8.41	9.52	10.11	8.58	6.29	4.76	4.65	4.53
G 85.0	1.04	1.05	1.10	1.19	1.23	0.93	1.43	2.40	2.64	2.74	2.23	1.84	1.58	1.56	1.54
G 87.5	0.50	0.47	0.44	0.43	0.42	0.33	0.41	0.57	0.58	0.59	0.51	0.45	0.44	0.43	0.42
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	0.13	0.15	0.12	0.14	0.06	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.17	0.18	0.16	0.16	0.07	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.00
G 97.5	0.00	0.00	0.21	0.21	0.18	0.19	0.09	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.23	0.22	0.21	0.20	0.12	0.09	0.12	0.00	0.00	0.00	0.00	0.00	0.00
G102.5	0.00	0.00	0.20	0.21	0.20	0.20	0.13	0.11	0.14	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.22	0.23	0.21	0.22	0.15	0.13	0.16	0.00	0.00	0.00	0.00	0.00	0.00
G107.5	0.00	0.00	0.24	0.25	0.23	0.24	0.17	0.15	0.18	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.27	0.27	0.25	0.26	0.19	0.18	0.20	0.00	0.00	0.00	0.00	0.00	0.00
G112.5	0.00	0.00	0.29	0.29	0.27	0.28	0.22	0.20	0.23	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.30	0.30	0.29	0.29	0.24	0.22	0.24	0.00	0.00	0.00	0.00	0.00	0.00
G117.5	0.00	0.00	0.31	0.32	0.30	0.31	0.26	0.24	0.26	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.32	0.33	0.31	0.32	0.27	0.26	0.28	0.00	0.00	0.00	0.00	0.00	0.00
G122.5	0.00	0.00	0.33	0.34	0.32	0.33	0.29	0.28	0.30	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.34	0.35	0.33	0.34	0.30	0.29	0.31	0.00	0.00	0.00	0.00	0.00	0.00
G127.5	0.00	0.00	0.35	0.36	0.34	0.35	0.32	0.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.37	0.37	0.36	0.37	0.33	0.33	0.35	0.00	0.00	0.00	0.00	0.00	0.00
G132.5	0.00	0.00	0.37	0.37	0.37	0.37	0.35	0.34	0.36	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.38	0.38	0.37	0.38	0.36	0.35	0.37	0.00	0.00	0.00	0.00	0.00	0.00
G137.5	0.00	0.00	0.38	0.38	0.38	0.38	0.36	0.36	0.38	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.38	0.38	0.38	0.38	0.37	0.37	0.38	0.00	0.00	0.00	0.00	0.00	0.00
G142.5	0.00	0.00	0.38	0.38	0.37	0.38	0.37	0.38	0.39	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.38	0.37	0.37	0.38	0.37	0.38	0.40	0.00	0.00	0.00	0.00	0.00	0.00
G147.5	0.00	0.00	0.37	0.37	0.37	0.38	0.38	0.38	0.40	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.37	0.37	0.37	0.38	0.38	0.39	0.41	0.00	0.00	0.00	0.00	0.00	0.00
G152.5	0.00	0.00	0.37	0.37	0.37	0.38	0.39	0.40	0.42	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.38	0.38	0.37	0.38	0.40	0.41	0.43	0.00	0.00	0.00	0.00	0.00	0.00
G157.5	0.00	0.00	0.39	0.39	0.37	0.39	0.41	0.42	0.44	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.40	0.40	0.39	0.40	0.42	0.43	0.45	0.00	0.00	0.00	0.00	0.00	0.00
G162.5	0.00	0.00	0.41	0.41	0.40	0.41	0.43	0.43	0.46	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.43	0.42	0.41	0.42	0.44	0.44	0.46	0.00	0.00	0.00	0.00	0.00	0.00
G167.5	0.00	0.00	0.44	0.44	0.42	0.43	0.45	0.45	0.47	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.45	0.45	0.43	0.44	0.45	0.46	0.47	0.00					

**Luminaire**

Code 504233.140

Name AVANTGARDE XL MH-T 400W E40

**Measur.**

Code CL2303/09-04S-BF

Name AVANTGARDE XL MH-E 150W-P1

Luminaire Flux	30583.84 lm		Luminaire Power		420.00 W		Efficacy		72.82 lm/W		Efficiency		72.82%	
Lamps Flux	42000.00 lm		Maximum value		393.24 cd/klm		Position		C=25.00 G=57.50		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	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24	140.24
G 2.5	143.08	143.42	143.54	143.64	143.88	144.17	144.09	143.94	144.35	144.71	144.70	144.70	144.70	144.70
G 5.0	146.91	147.70	148.56	148.78	149.08	149.53	149.75	150.12	150.51	150.78	150.95	150.95	150.95	150.95
G 7.5	151.61	152.73	153.95	154.48	155.21	156.14	156.61	157.09	157.60	157.87	157.85	157.85	157.85	157.85
G 10.0	156.73	158.47	160.01	161.35	162.68	163.78	164.89	165.44	165.68	166.16	166.12	166.12	166.12	166.12
G 12.5	162.49	164.72	166.84	168.68	170.61	172.07	173.75	174.76	174.69	174.79	175.07	175.07	175.07	175.07
G 15.0	169.31	172.12	174.91	177.13	179.32	181.16	183.18	184.45	184.55	184.67	184.91	184.91	184.91	184.91
G 17.5	176.98	180.60	183.84	186.33	189.09	191.39	193.60	194.94	195.18	195.45	195.82	195.82	195.82	195.82
G 20.0	186.20	190.22	193.79	196.68	199.81	202.54	205.03	207.30	208.39	207.88	207.27	207.27	207.27	207.27
G 22.5	196.79	201.04	204.90	208.22	212.40	216.42	218.44	220.98	222.82	221.39	220.45	220.45	220.45	220.45
G 25.0	209.57	213.56	217.84	222.30	226.07	229.37	231.13	233.55	235.54	234.10	232.92	232.92	232.92	232.92
G 27.5	222.83	228.08	232.95	236.81	240.08	243.42	244.92	245.94	246.39	245.01	244.46	244.46	244.46	244.46
G 30.0	238.06	244.83	248.34	251.11	253.41	254.76	254.21	253.25	252.30	250.63	250.68	250.68	250.68	250.68
G 32.5	253.55	260.39	263.33	264.67	264.19	262.18	258.71	254.90	252.18	249.17	248.61	248.61	248.61	248.61
G 35.0	270.70	276.18	277.33	275.61	270.87	264.24	256.56	249.37	244.66	240.41	239.49	239.49	239.49	239.49
G 37.5	289.09	291.49	288.65	282.05	271.82	259.97	247.95	236.87	229.88	224.59	223.08	223.08	223.08	223.08
G 40.0	305.00	303.95	295.53	282.62	267.05	249.53	233.28	219.07	209.97	203.91	202.07	202.07	202.07	202.07
G 42.5	319.69	312.49	296.91	276.44	255.35	233.76	214.49	198.50	188.41	181.99	179.92	179.92	179.92	179.92
G 45.0	330.64	315.39	292.40	265.14	239.35	214.95	194.15	177.62	167.59	161.47	159.41	159.41	159.41	159.41
G 47.5	336.46	312.34	281.62	248.84	220.41	194.84	174.28	158.66	148.86	143.24	141.37	141.37	141.37	141.37
G 50.0	337.32	302.79	266.53	229.34	198.87	174.59	156.16	142.13	132.10	125.69	123.83	123.83	123.83	123.83
G 52.5	330.94	288.41	246.43	208.62	179.54	155.99	137.95	125.14	115.99	110.04	108.68	108.68	108.68	108.68
G 55.0	315.20	266.16	222.64	184.44	156.60	134.26	119.09	108.44	100.34	95.70	94.28	94.28	94.28	94.28
G 57.5	293.63	239.93	196.06	160.66	136.31	117.06	104.04	95.95	90.44	87.91	87.21	87.21	87.21	87.21
G 60.0	265.71	211.52	170.81	139.21	118.00	104.10	94.57	88.31	84.17	82.44	82.07	82.07	82.07	82.07
G 62.5	232.20	182.57	148.00	122.25	105.08	94.25	86.61	82.31	79.70	78.79	78.66	78.66	78.66	78.66
G 65.0	196.63	154.79	126.66	107.91	95.17	86.85	80.45	76.90	75.46	75.50	75.78	75.78	75.78	75.78
G 67.5	159.39	127.66	108.33	95.98	86.28	79.84	73.74	70.92	70.61	70.74	70.96	70.96	70.96	70.96
G 70.0	120.36	99.74	88.52	81.90	76.29	71.72	65.80	63.41	61.99	61.28	61.86	61.86	61.86	61.86
G 72.5	84.94	72.54	66.48	63.91	62.05	59.77	55.28	52.21	50.06	49.10	49.47	49.47	49.47	49.47
G 75.0	52.72	46.12	43.64	44.34	43.66	42.22	40.52	38.22	36.21	35.67	35.73	35.73	35.73	35.73
G 77.5	25.81	24.23	24.28	25.14	26.27	26.26	25.99	25.19	24.05	23.53	23.20	23.20	23.20	23.20
G 80.0	10.54	9.84	10.58	11.24	12.22	12.75	13.04	12.96	12.78	12.82	12.56	12.56	12.56	12.56
G 82.5	3.77	3.45	3.22	3.45	4.01	4.26	4.69	4.89	5.07	5.37	5.29	5.29	5.29	5.29
G 85.0	1.36	1.19	1.03	1.08	1.13	1.12	1.26	1.42	1.55	1.65	1.65	1.65	1.65	1.65
G 87.5	0.40	0.37	0.35	0.35	0.35	0.37	0.38	0.40	0.44	0.45	0.46	0.46	0.46	0.46
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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		