

Luminaire

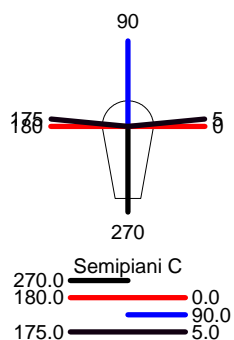
Code 502133.170
Name AVANTGARDE PRO HPS-T 70W E27

Measurem.

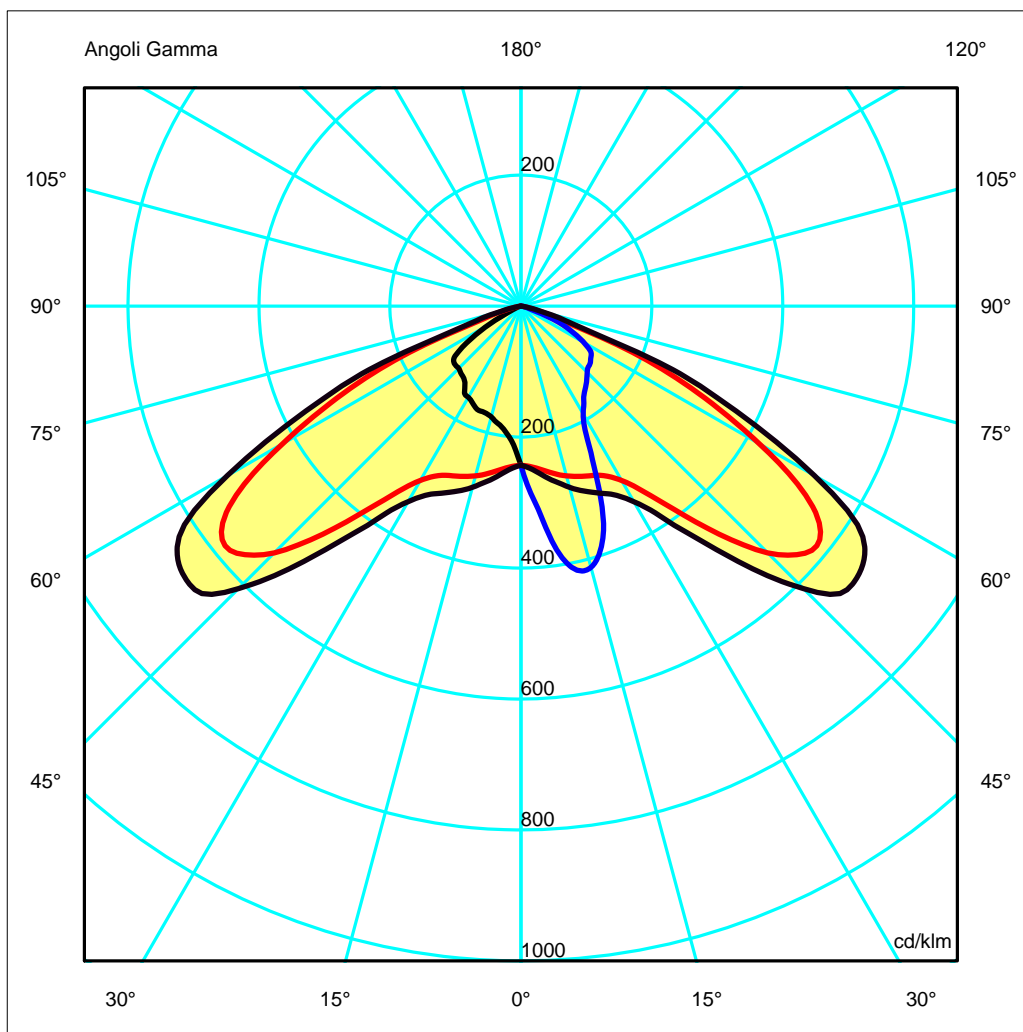
Code CL2303/08-40S
Name AVANTGARDE C ST 50W P6

Luminaire Flux	6000.86 lm	Luminaire Power	70.00 W	Efficacy	85.73 lm/W	Efficiency	92.32%
Lamps Flux	6500.00 lm	Maximum value	660.71 cd/klm	Position	C=5.00 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		09-12-2008		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4800.00 lm	
Operator		AC		Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes		1 * HCI-TT 50/WDL E27 = 5350 lm					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS STH,SD,ST,SE,LS		NAV-T 70 SUPER 4Y		Name		6500.00	70.00	1
				VIALOX® NAV-T 70 SUPER 4Y E27				
C.I.E.	45 85 99 100 92			D DIN 5040		A30		



ULOR 0.00 %
DLOR 92.32 %
RN 0.00 %



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Measurum.

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Name AVANTGARDE C ST 50W P6

Luminaire Flux		6000.86 lm		Luminaire Power		70.00 W		Efficacy		85.73 lm/W		Efficiency		92.32%	
Lamps Flux		6500.00 lm		Maximum value		660.71 cd/klm		Position		C=5.00 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	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86
G 2.5	216.11	216.71	217.87	216.57	217.46	218.99	219.22	219.95	221.91	224.03	223.82	226.38	228.76	228.76	228.76
G 5.0	201.02	200.61	202.33	201.80	202.91	203.94	204.59	205.71	209.36	211.07	212.88	215.60	219.59	219.59	219.59
G 7.5	191.47	190.89	192.61	192.48	192.12	195.31	195.73	195.99	199.97	202.78	205.18	208.75	213.36	213.36	213.36
G 10.0	184.38	184.13	185.68	185.48	185.58	186.85	188.19	189.77	194.26	196.46	199.56	203.81	209.51	209.51	209.51
G 12.5	180.20	178.89	180.48	180.60	180.80	181.61	182.96	184.83	189.09	192.65	195.56	199.33	205.95	205.95	205.95
G 15.0	174.96	174.74	176.63	175.93	175.62	177.17	179.18	180.87	185.55	189.13	192.62	197.20	203.25	203.25	203.25
G 17.5	172.39	171.76	173.50	172.39	172.02	173.53	174.49	175.91	179.88	185.17	189.87	195.39	201.26	201.26	201.26
G 20.0	171.35	171.14	171.65	170.15	169.56	170.49	171.31	173.20	177.00	180.60	184.69	191.52	198.01	198.01	198.01
G 22.5	171.53	170.83	171.78	170.18	169.53	169.34	169.97	170.87	174.71	178.11	180.96	185.97	193.84	193.84	193.84
G 25.0	168.01	168.56	169.66	169.01	169.26	169.47	169.31	169.55	171.69	175.37	178.56	183.23	189.97	189.97	189.97
G 27.5	163.59	164.13	166.15	167.13	167.15	168.25	168.38	167.71	169.98	173.21	176.25	180.40	186.58	186.58	186.58
G 30.0	160.70	161.01	163.47	164.93	166.28	167.26	167.97	166.85	168.19	169.98	173.45	176.75	182.00	182.00	182.00
G 32.5	159.94	160.30	163.77	165.84	168.06	168.51	167.74	165.53	167.06	168.03	169.61	173.26	179.43	179.43	179.43
G 35.0	149.01	152.54	159.91	164.61	169.26	170.61	168.79	166.11	166.15	166.38	168.70	171.91	178.44	178.44	178.44
G 37.5	141.92	142.90	150.36	161.41	170.17	171.75	169.61	166.01	165.42	166.20	167.74	171.14	176.98	176.98	176.98
G 40.0	138.92	139.69	144.75	153.15	165.51	172.98	171.05	166.13	165.20	166.06	167.41	170.99	177.64	177.64	177.64
G 42.5	136.86	136.70	140.59	147.99	158.94	168.85	170.39	166.55	165.09	165.77	167.20	171.05	178.23	178.23	178.23
G 45.0	134.43	135.07	137.68	144.10	152.77	161.51	166.38	164.77	163.96	164.50	167.49	171.57	177.98	177.98	177.98
G 47.5	134.59	132.75	134.70	139.46	146.12	153.97	159.45	160.82	161.35	163.11	166.55	171.25	177.50	177.50	177.50
G 50.0	133.60	130.03	129.43	132.57	138.04	145.30	151.59	154.21	157.21	159.74	163.36	168.15	174.49	174.49	174.49
G 52.5	127.80	124.40	121.34	122.58	126.49	134.90	140.97	145.96	150.44	154.49	157.95	163.41	169.02	169.02	169.02
G 55.0	109.04	106.97	107.04	109.37	113.59	120.43	128.31	134.79	141.49	145.90	150.59	155.54	161.25	161.25	161.25
G 57.5	84.47	83.73	87.14	89.79	93.39	102.99	113.79	121.60	129.38	136.18	140.03	145.51	150.54	150.54	150.54
G 60.0	58.08	58.66	60.96	61.77	63.11	72.67	87.46	104.92	115.97	123.60	127.87	133.32	138.27	138.27	138.27
G 62.5	31.48	34.87	34.64	33.33	34.93	44.89	59.61	79.96	101.56	111.01	115.90	121.32	125.02	125.02	125.02
G 65.0	16.70	17.28	17.04	16.05	16.92	22.37	34.61	59.40	87.39	97.46	102.64	107.63	111.99	111.99	111.99
G 67.5	11.47	11.44	11.47	11.78	12.56	14.12	18.27	48.94	70.74	83.32	89.53	94.29	97.61	97.61	97.61
G 70.0	8.12	8.15	8.26	8.65	9.26	10.21	12.29	24.89	40.60	62.14	56.98	53.69	41.67	41.67	41.67
G 72.5	5.52	5.62	5.78	6.12	6.59	7.27	7.87	8.50	13.66	12.60	11.40	12.92	13.31	13.31	13.31
G 75.0	3.80	3.85	3.91	4.16	4.42	5.00	5.24	5.68	6.11	6.98	7.33	8.36	8.85	8.85	8.85
G 77.5	2.44	2.50	2.52	2.75	2.79	3.14	3.29	3.68	3.89	4.46	4.65	5.37	5.48	5.48	5.48
G 80.0	1.48	1.60	1.56	1.70	1.67	1.92	1.95	2.19	2.32	2.66	2.77	3.23	3.42	3.42	3.42
G 82.5	0.75	0.85	0.81	0.92	0.87	1.02	1.06	1.26	1.31	1.52	1.55	1.86	1.80	1.80	1.80
G 85.0	0.33	0.35	0.36	0.44	0.47	0.56	0.57	0.68	0.69	0.83	0.80	0.90	0.89	0.89	0.89
G 87.5	0.08	0.09	0.09	0.10	0.23	0.39	0.40	0.39	0.38	0.39	0.38	0.40	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.											

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Luminaire Flux		6000.86 lm		Luminaire Power		70.00 W		Efficacy		85.73 lm/W		Efficiency		92.32%	
Lamps Flux		6500.00 lm		Maximum value		660.71 cd/klm		Position		C=5.00 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	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86
G 2.5	231.05	233.69	236.02	237.93	241.22	244.48	246.66	249.20	252.69	255.48	258.51	260.74	263.00	263.00	263.00
G 5.0	222.09	227.10	231.34	235.21	242.10	247.48	252.69	257.94	264.58	270.39	275.60	280.58	285.88	285.88	285.88
G 7.5	216.80	223.43	228.86	236.00	243.87	252.77	260.88	268.09	278.63	286.57	297.32	304.91	312.88	312.88	312.88
G 10.0	213.94	220.23	227.75	236.04	246.05	257.66	269.46	280.85	293.89	305.89	318.29	330.60	343.07	343.07	343.07
G 12.5	211.07	218.90	226.63	235.61	248.67	263.40	277.48	292.52	310.46	326.11	341.44	358.93	374.67	374.67	374.67
G 15.0	208.58	216.65	225.20	235.46	250.57	268.29	286.26	304.97	326.10	347.29	367.90	390.43	405.18	405.18	405.18
G 17.5	205.68	213.88	223.06	234.16	251.71	272.48	294.63	317.27	342.74	368.52	395.83	417.08	431.76	431.76	431.76
G 20.0	202.89	211.02	219.95	232.12	251.28	276.38	301.43	327.57	358.23	389.45	418.81	440.10	450.24	450.24	450.24
G 22.5	199.69	207.80	217.35	231.03	252.36	280.05	308.82	338.33	372.67	408.34	438.00	457.10	460.35	460.35	460.35
G 25.0	196.33	204.69	214.55	229.96	253.21	284.92	316.34	350.98	390.43	428.02	453.28	467.73	461.70	461.70	461.70
G 27.5	191.76	201.60	212.56	230.14	257.12	293.52	327.04	366.77	409.13	445.31	466.69	472.52	456.62	456.62	456.62
G 30.0	188.09	198.44	211.38	232.44	265.02	307.23	344.97	389.02	432.29	465.50	476.08	471.08	446.70	446.70	446.70
G 32.5	185.74	197.27	213.26	238.03	277.90	328.15	369.22	418.08	460.61	483.06	482.99	466.04	429.29	429.29	429.29
G 35.0	185.40	197.72	216.52	247.00	297.29	358.82	408.62	454.52	493.09	502.78	486.12	456.50	400.07	400.07	400.07
G 37.5	186.17	199.87	222.23	260.88	324.38	396.81	451.44	502.34	532.35	521.42	486.42	438.52	368.20	368.20	368.20
G 40.0	187.39	203.30	229.63	279.51	354.48	442.52	502.70	553.14	569.88	540.00	485.32	417.13	334.21	334.21	334.21
G 42.5	187.12	207.58	238.05	298.36	387.84	489.33	559.05	605.09	606.29	557.45	480.85	391.65	291.24	291.24	291.24
G 45.0	187.71	209.98	245.72	315.26	415.56	532.87	610.05	624.86	624.69	573.07	471.64	360.39	256.06	256.06	256.06
G 47.5	186.42	209.30	251.24	328.18	434.30	562.39	651.52	629.47	635.07	587.15	460.13	326.74	224.29	224.29	224.29
G 50.0	183.61	206.22	252.84	332.45	446.24	580.12	660.71	634.09	641.22	593.70	438.46	290.35	199.42	199.42	199.42
G 52.5	178.25	199.99	247.48	325.05	440.63	576.42	656.10	638.70	638.65	585.98	404.47	251.20	177.69	177.69	177.69
G 55.0	169.08	189.98	235.59	307.62	420.23	549.25	640.81	643.31	620.03	552.22	363.70	217.81	161.33	161.33	161.33
G 57.5	158.73	176.13	215.60	279.00	383.11	495.54	601.49	640.88	583.15	486.87	311.59	189.88	145.82	145.82	145.82
G 60.0	145.57	159.50	193.36	243.26	332.46	421.15	517.74	558.02	518.57	408.17	258.80	165.69	131.96	131.96	131.96
G 62.5	131.62	141.91	167.34	206.93	277.74	343.33	422.77	451.44	413.88	325.32	212.23	144.65	119.25	119.25	119.25
G 65.0	118.28	126.35	144.44	172.28	221.84	266.86	330.98	348.37	318.22	250.00	170.57	124.35	106.48	106.48	106.48
G 67.5	101.39	105.43	110.16	128.69	164.88	183.59	241.52	263.50	234.27	186.24	133.99	107.60	94.77	94.77	94.77
G 70.0	28.68	31.87	33.05	44.65	63.84	80.89	108.88	113.22	100.10	82.86	58.76	55.80	67.41	67.41	67.41
G 72.5	14.42	15.70	20.16	27.00	39.65	50.16	66.47	67.02	58.09	40.48	24.33	15.73	12.82	12.82	12.82
G 75.0	9.42	10.28	13.01	16.88	23.90	28.36	37.20	36.95	32.29	21.85	14.54	10.07	8.75	8.75	8.75
G 77.5	6.03	6.35	7.85	9.98	13.27	15.37	20.24	19.03	16.04	11.50	8.29	6.56	5.87	5.87	5.87
G 80.0	3.63	3.76	4.50	5.45	7.18	7.96	9.61	9.48	7.71	6.33	4.99	4.29	3.97	3.97	3.97
G 82.5	2.04	1.99	2.48	2.80	3.89	4.01	4.81	4.49	3.61	3.33	2.86	2.73	2.63	2.63	2.63
G 85.0	1.02	0.99	1.18	1.33	1.87	1.94	2.40	2.31	1.90	1.85	1.64	1.67	1.68	1.68	1.68
G 87.5	0.40	0.41	0.46	0.47	0.58	0.65	0.93	0.90	0.89	0.91	0.95	1.00	1.08	1.08	1.08
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	0.0									

Luminaire

Code 502133.170
Name AVANTGARDE PRO HPS-T 70W E27

Measur.

Code CL2303/08-40S
Name AVANTGARDE C ST 50W P6

Luminaire Flux	6000.86 lm		Luminaire Power		70.00 W		Efficacy		85.73 lm/W		Efficiency		92.32%	
Lamps Flux	6500.00 lm		Maximum value		660.71 cd/klm		Position		C=5.00 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	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86	242.86
G 2.5	264.90	268.18	269.06	270.91	273.07	274.60	271.33	277.24	278.82	277.83	279.44	278.82	277.83	279.44
G 5.0	289.42	296.62	299.47	302.40	305.63	311.70	310.45	315.35	315.88	317.90	313.78	315.88	317.90	313.78
G 7.5	318.67	330.20	332.13	340.64	344.03	352.96	352.16	360.06	356.95	361.04	361.29	360.06	361.04	361.29
G 10.0	353.95	366.61	371.69	378.13	384.37	392.19	389.88	396.47	397.11	396.28	397.33	396.47	397.11	397.33
G 12.5	387.46	401.88	405.44	410.52	415.34	415.99	415.06	416.39	416.72	413.17	413.97	416.39	416.72	413.97
G 15.0	417.79	428.38	430.22	430.31	428.93	427.02	422.27	418.83	417.73	411.94	413.23	418.83	417.73	413.23
G 17.5	440.58	445.31	442.97	434.25	431.03	422.67	415.37	408.87	404.43	395.88	397.01	408.87	404.43	395.88
G 20.0	453.62	451.87	444.09	428.55	420.26	409.82	399.57	387.08	380.38	369.29	368.28	387.08	380.38	369.29
G 22.5	456.83	445.83	434.33	414.51	399.82	377.11	362.84	341.54	337.38	317.22	319.29	362.84	341.54	337.38
G 25.0	450.11	435.11	414.14	383.32	356.95	325.14	298.65	277.41	270.05	250.73	257.97	277.41	270.05	250.73
G 27.5	437.85	412.30	376.67	333.33	300.38	265.29	243.08	227.04	219.36	212.26	212.13	243.08	227.04	219.36
G 30.0	417.50	373.30	326.37	275.25	244.49	219.32	208.04	198.88	194.33	188.09	189.75	208.04	198.88	194.33
G 32.5	384.31	325.37	274.12	229.21	209.44	196.05	190.04	185.25	182.72	178.89	178.79	190.04	185.25	182.72
G 35.0	342.42	277.99	231.38	204.37	192.93	184.44	178.23	172.22	169.56	166.36	167.15	178.23	172.22	169.56
G 37.5	296.56	236.84	205.10	189.01	180.72	172.88	167.78	163.60	162.18	159.95	161.11	167.78	163.60	162.18
G 40.0	255.16	208.60	189.41	175.75	169.99	165.58	162.02	157.81	155.59	153.62	154.89	162.02	157.81	155.59
G 42.5	222.79	191.18	174.97	165.36	163.17	159.80	156.07	152.33	149.71	148.20	149.01	156.07	152.33	149.71
G 45.0	200.48	175.62	164.68	158.14	156.30	153.72	151.35	148.38	144.91	142.13	143.10	148.38	144.91	142.13
G 47.5	183.18	163.50	155.53	150.50	149.29	147.73	146.33	144.14	141.29	137.43	138.72	146.33	144.14	141.29
G 50.0	167.89	153.03	146.90	142.88	142.57	141.46	141.29	140.21	138.88	135.85	137.69	141.29	140.21	138.88
G 52.5	154.57	144.86	139.72	134.97	135.88	135.76	136.35	137.27	137.10	133.34	134.32	136.35	137.27	137.10
G 55.0	142.29	135.97	132.58	129.63	129.01	131.13	132.01	132.85	132.37	128.88	130.87	132.01	132.85	132.37
G 57.5	131.26	126.38	125.29	123.69	122.83	123.96	125.84	125.99	126.73	124.97	125.17	125.84	125.99	126.73
G 60.0	120.76	117.56	116.44	116.49	116.39	115.47	115.56	117.07	117.35	113.46	110.68	117.07	117.35	117.35
G 62.5	109.89	108.14	107.54	106.71	107.02	104.48	100.81	101.29	101.98	96.35	94.62	101.29	101.98	101.98
G 65.0	100.33	97.41	95.04	95.43	94.40	91.89	86.15	84.27	83.67	77.41	77.12	84.27	83.67	83.67
G 67.5	88.50	87.94	82.89	82.98	79.51	75.29	69.81	65.08	61.91	59.48	57.56	69.81	65.08	61.91
G 70.0	71.47	75.22	70.41	66.73	61.30	57.40	52.67	48.00	41.81	32.63	30.82	52.67	48.00	41.81
G 72.5	12.85	19.98	42.59	49.81	46.28	42.54	38.33	34.70	24.10	16.87	15.70	38.33	34.70	34.70
G 75.0	8.05	8.16	8.68	9.55	14.83	17.76	17.87	16.84	12.61	10.78	10.42	17.87	17.87	17.87
G 77.5	5.63	5.70	5.74	6.19	6.41	6.83	6.62	7.22	7.12	7.04	7.01	6.62	6.62	6.62
G 80.0	3.83	3.85	4.00	4.15	4.34	4.52	4.69	4.72	4.76	4.71	4.68	4.69	4.69	4.69
G 82.5	2.66	2.65	2.81	2.81	3.03	3.09	3.20	3.22	3.35	3.30	3.39	3.20	3.20	3.20
G 85.0	1.82	1.91	2.02	2.07	2.23	2.25	2.31	2.32	2.40	2.36	2.44	2.31	2.31	2.31
G 87.5	1.17	1.27	1.38	1.50	1.60	1.70	1.77	1.75	1.67	1.61	1.58	1.77	1.77	1.77
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