

Luminaire

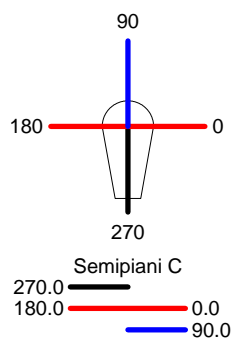
Code 503133.125
Name AVANTGARDE PLUS HPS-T 250W E40

Measurem.

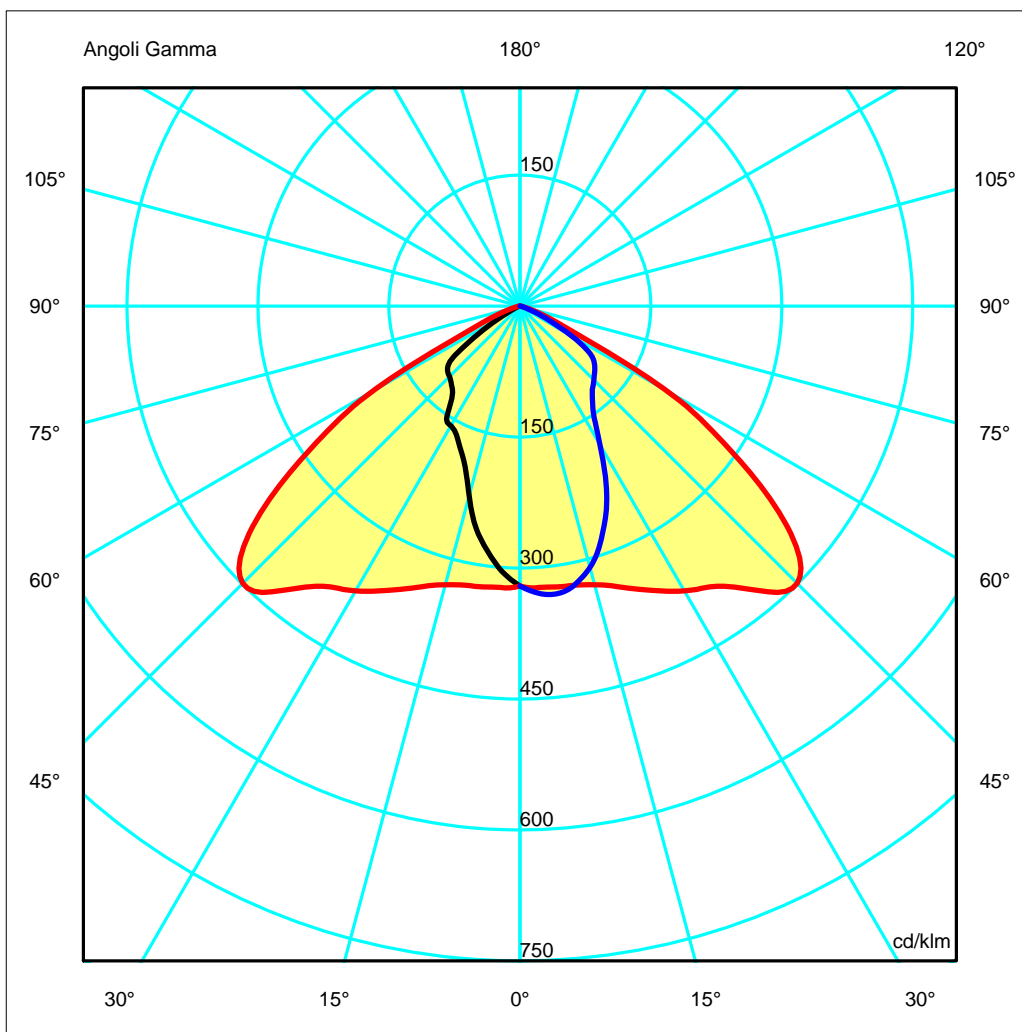
Code CL2303/08-37S
Name AVANTGARDE C ST250W P2 14_11_0

Luminaire Flux	23682.86 lm	Luminaire Power	250.00 W	Efficacy	94.73 lm/W	Efficiency	71.33%
Lamps Flux	33200.00 lm	Maximum value	448.95 cd/klm	Position	C=0.00 G=45.00	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		14-11-2008		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		27000.00 lm	
Operator		ABDEL		Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes		1 * NAV-T 250 = 27000 lm					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS STH,SD,ST,SE,LS		NAV-T 250 SUPER 4Y		Name		33200.00	250.00	1
				VIALOX® NAV-T 250 SUPER 4Y E40				
C.I.E.	56 92 100 100 71			D DIN 5040		A40		



ULOR 0.00 %
DLOR 71.33 %
RN 0.00 %



Luminaire

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Name AVANTGARDE C ST250W P2 14_11_0

Luminaire Flux		23682.86 lm		Luminaire Power		250.00 W		Efficacy		94.73 lm/W		Efficiency		71.33%	
Lamps Flux		33200.00 lm		Maximum value		448.95 cd/klm		Position		C=0.00 G=45.00		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	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58
G 2.5	310.74	309.26	309.28	309.68	310.19	310.63	311.31	311.86	312.67	313.58	314.76	315.87	316.66	315.87	316.66
G 5.0	298.50	296.97	299.01	298.22	302.29	299.95	302.80	302.92	305.44	305.88	308.42	309.68	312.44	309.68	312.44
G 7.5	283.04	282.08	284.71	285.26	287.65	287.90	291.64	291.43	295.69	297.32	302.20	303.43	307.67	303.43	307.67
G 10.0	267.68	268.12	269.92	269.38	273.51	273.69	278.66	278.30	283.74	287.98	293.43	296.86	302.28	296.86	302.28
G 12.5	248.30	248.37	249.68	250.14	255.11	257.83	261.48	266.80	272.52	277.19	284.71	289.90	296.70	289.90	296.70
G 15.0	224.80	222.55	229.43	229.53	235.16	237.36	244.95	249.54	258.24	265.99	274.49	282.78	291.77	282.78	291.77
G 17.5	203.35	204.15	206.21	207.59	210.11	215.11	222.55	229.59	241.41	251.39	264.00	275.52	287.14	275.52	287.14
G 20.0	188.14	189.02	189.08	189.55	194.06	197.46	203.65	211.50	223.29	234.95	251.08	266.30	281.65	266.30	281.65
G 22.5	177.56	177.06	177.75	176.61	178.84	180.84	186.60	193.80	206.74	220.09	237.82	256.02	275.83	256.02	275.83
G 25.0	168.37	168.69	167.87	168.32	169.01	169.71	174.59	179.79	190.84	202.71	223.43	245.33	267.85	245.33	267.85
G 27.5	161.45	160.86	160.56	159.77	161.11	161.73	165.99	169.10	175.91	188.39	208.98	232.18	259.54	232.18	259.54
G 30.0	158.40	157.27	155.38	154.44	155.10	155.57	157.66	159.81	165.10	174.54	193.57	218.41	248.53	218.41	248.53
G 32.5	156.63	155.14	153.90	152.67	151.88	151.04	152.20	152.99	156.99	164.22	177.93	200.18	235.23	200.18	235.23
G 35.0	140.33	142.67	145.83	147.60	149.89	148.87	148.22	148.87	151.28	155.61	166.38	185.57	219.30	185.57	219.30
G 37.5	126.96	128.07	133.47	138.83	144.29	144.72	145.55	144.84	147.63	150.67	158.20	172.60	206.02	172.60	206.02
G 40.0	121.08	122.04	124.51	128.09	134.90	136.38	140.08	140.44	142.76	145.87	152.18	164.41	193.84	164.41	193.84
G 42.5	117.10	115.98	116.22	118.07	124.05	127.06	131.56	132.58	136.90	140.26	146.86	157.63	184.68	157.63	184.68
G 45.0	114.09	111.08	110.25	110.01	114.51	118.00	122.89	126.05	131.12	133.61	141.88	150.79	175.85	150.79	175.85
G 47.5	112.01	107.58	104.78	102.97	106.80	109.53	115.44	118.05	123.75	127.57	135.24	143.90	164.88	143.90	164.88
G 50.0	107.96	103.40	97.74	95.69	98.29	99.63	105.79	109.60	114.97	120.64	127.63	135.23	153.81	135.23	153.81
G 52.5	96.62	93.59	86.88	83.79	86.03	86.98	94.56	98.99	106.26	111.77	118.83	126.01	140.63	126.01	140.63
G 55.0	70.34	70.22	67.10	67.06	70.87	70.08	79.32	84.50	95.94	101.69	109.50	114.95	126.85	114.95	126.85
G 57.5	46.30	46.55	49.48	50.60	53.60	49.57	59.81	70.82	84.56	90.71	98.76	104.94	114.60	104.94	114.60
G 60.0	26.45	26.93	33.29	34.03	32.67	33.58	44.38	58.07	76.01	81.95	90.47	95.38	103.06	95.38	103.06
G 62.5	14.45	14.03	16.69	16.08	17.15	20.04	32.61	48.40	66.57	73.50	81.49	85.59	90.95	85.59	90.95
G 65.0	8.91	8.98	9.94	9.28	10.27	11.87	25.67	37.79	51.93	57.49	58.63	40.72	28.45	58.63	40.72
G 67.5	6.03	5.97	6.64	6.53	7.27	8.15	14.64	20.60	27.65	14.15	11.57	11.68	13.11	11.57	11.68
G 70.0	4.41	4.29	4.63	4.75	5.22	5.56	6.22	6.47	6.97	7.52	8.03	8.40	9.14	8.03	8.40
G 72.5	3.16	3.12	3.32	3.38	3.82	4.03	4.44	4.35	4.77	5.02	5.55	5.96	6.51	5.02	5.55
G 75.0	2.26	2.24	2.41	2.47	2.70	2.89	3.07	3.08	3.33	3.43	3.84	3.88	4.15	3.43	3.88
G 77.5	1.64	1.60	1.73	1.74	1.90	1.95	2.13	2.12	2.27	2.26	2.52	2.44	2.69	2.26	2.52
G 80.0	1.10	1.09	1.14	1.19	1.29	1.29	1.41	1.40	1.46	1.45	1.51	1.54	1.74	1.45	1.54
G 82.5	0.70	0.68	0.71	0.73	0.77	0.78	0.89	0.88	0.94	0.90	0.95	0.94	0.99	0.90	0.95
G 85.0	0.29	0.27	0.33	0.35	0.43	0.50	0.55	0.57	0.57	0.54	0.54	0.50	0.54	0.54	0.50
G 87.5	0.04	0.04	0.05	0.05	0.14	0.34	0.42	0.39	0.37	0.33	0.32	0.28	0.28	0.33	0.32
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
G177.5	0.00														

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Luminaire Flux		23682.86 lm		Luminaire Power		250.00 W		Efficacy		94.73 lm/W		Efficiency		71.33%	
Lamps Flux		33200.00 lm		Maximum value		448.95 cd/klm		Position		C=0.00 G=45.00		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	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58
G 2.5	318.02	318.74	320.07	320.38	321.07	323.06	324.24	324.92	324.59	325.86	325.60	326.56	326.15	326.15	326.15
G 5.0	313.54	316.26	317.99	319.77	321.19	322.98	325.45	326.36	326.60	328.05	328.00	329.19	329.04	329.04	329.04
G 7.5	309.95	313.73	316.20	319.10	322.01	324.38	327.09	328.34	328.30	330.16	330.11	330.76	330.43	330.43	330.43
G 10.0	306.28	311.18	315.70	319.10	322.90	325.18	328.75	330.52	331.14	332.63	331.71	332.43	331.43	331.43	331.43
G 12.5	302.51	308.73	314.33	318.85	324.18	326.90	330.55	333.26	333.14	334.53	333.01	333.06	330.96	330.96	330.96
G 15.0	298.88	306.89	314.15	320.05	325.68	330.30	333.49	336.13	335.65	336.29	334.68	332.08	329.26	329.26	329.26
G 17.5	295.86	305.63	314.64	322.73	329.61	335.25	338.74	340.82	340.29	339.71	335.36	330.92	326.29	326.29	326.29
G 20.0	293.93	306.25	318.21	327.35	336.11	342.70	346.42	348.11	346.14	343.36	336.45	328.83	322.14	322.14	322.14
G 22.5	292.35	307.85	321.60	333.46	343.42	350.77	354.53	356.08	352.70	347.54	337.61	326.25	317.02	317.02	317.02
G 25.0	289.47	308.68	325.70	339.71	351.45	359.17	363.13	363.67	359.27	351.50	338.37	323.46	311.16	311.16	311.16
G 27.5	284.33	308.84	329.51	346.18	360.01	368.21	371.24	370.74	363.99	352.95	336.99	318.77	303.43	303.43	303.43
G 30.0	277.95	307.18	332.41	351.90	367.32	376.44	379.95	376.44	367.12	352.14	332.77	311.72	293.27	293.27	293.27
G 32.5	269.76	303.95	333.77	356.60	373.87	383.81	384.93	380.33	367.66	348.20	325.68	302.19	282.67	282.67	282.67
G 35.0	260.32	300.27	335.70	362.64	382.59	391.47	390.14	382.58	365.29	342.04	315.71	289.25	268.47	268.47	268.47
G 37.5	251.26	298.60	340.89	374.43	396.90	405.96	399.71	386.04	363.48	333.72	303.28	273.49	251.15	251.15	251.15
G 40.0	241.73	298.46	348.13	387.67	417.08	425.13	415.38	395.07	363.38	326.98	289.64	254.71	232.49	232.49	232.49
G 42.5	233.26	297.01	352.95	399.24	430.94	444.14	433.90	409.48	369.45	323.99	277.10	236.46	209.12	209.12	209.12
G 45.0	220.32	286.80	346.67	397.08	430.91	448.95	441.68	417.11	375.39	323.74	266.41	215.78	185.18	185.18	185.18
G 47.5	203.75	267.99	327.16	380.71	414.50	436.02	433.32	410.93	372.35	319.75	256.05	198.23	166.25	166.25	166.25
G 50.0	185.88	241.57	298.78	348.43	380.48	404.79	406.05	387.78	357.53	305.64	242.37	180.96	149.72	149.72	149.72
G 52.5	165.81	211.44	261.50	305.74	338.03	359.64	366.68	352.51	326.93	278.88	222.88	164.36	134.85	134.85	134.85
G 55.0	146.39	182.08	220.16	257.47	285.91	305.98	319.04	305.41	284.87	242.47	195.34	147.99	122.74	122.74	122.74
G 57.5	127.18	152.61	179.87	211.95	235.62	253.26	269.37	259.10	244.86	205.65	169.95	131.30	111.74	111.74	111.74
G 60.0	111.66	129.99	150.05	168.85	178.23	196.09	203.62	198.66	190.56	159.48	136.86	110.86	100.29	100.29	100.29
G 62.5	82.12	84.01	81.45	86.58	89.12	106.78	121.90	120.89	116.18	102.95	89.67	73.64	71.29	71.29	71.29
G 65.0	22.20	26.29	32.02	42.06	48.79	58.99	65.22	61.94	61.18	47.90	40.11	34.81	38.14	38.14	38.14
G 67.5	13.88	17.67	20.69	27.15	32.31	37.94	42.85	40.67	38.41	29.09	21.33	14.76	12.75	12.75	12.75
G 70.0	9.76	11.80	13.71	18.23	20.41	24.03	27.61	25.20	24.14	18.40	13.83	9.89	8.56	8.56	8.56
G 72.5	6.71	7.86	8.66	11.28	11.83	14.89	16.35	15.62	14.28	11.51	8.86	6.90	6.29	6.29	6.29
G 75.0	4.28	5.00	5.68	7.15	7.47	9.31	9.88	9.34	8.45	6.99	5.82	4.87	4.48	4.48	4.48
G 77.5	2.73	3.17	3.59	4.54	4.81	5.74	5.83	5.50	5.10	4.27	3.76	3.21	3.11	3.11	3.11
G 80.0	1.70	1.98	2.23	2.75	2.78	3.26	3.30	3.05	2.81	2.40	2.28	2.02	2.06	2.06	2.06
G 82.5	0.97	1.12	1.26	1.51	1.61	1.75	1.81	1.69	1.58	1.45	1.41	1.33	1.41	1.41	1.41
G 85.0	0.54	0.62	0.67	0.81	0.85	0.92	1.00	0.91	0.96	0.85	0.87	0.89	0.96	0.96	0.96
G 87.5	0.26	0.26	0.26	0.31	0.27	0.28	0.39	0.42	0.47	0.49	0.53	0.55	0.63	0.63	0.63
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.08	0.10	0.12	0.16	0.16	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	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												

Luminaire

Code 503133.125

Name AVANTGARDE PLUS HPS-T 250W E40

Measur.

Code CL2303/08-37S

Name AVANTGARDE C ST250W P2 14_11_0

Luminaire Flux	23682.86 lm	Luminaire Power	250.00 W	Efficacy	94.73 lm/W	Efficiency	71.33%
Lamps Flux	33200.00 lm	Maximum value	448.95 cd/klm	Position	C=0.00 G=45.00	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	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58	320.58
G 2.5	327.19	326.80	328.13	327.32	327.49	327.04	327.99	327.56	328.13	327.14	327.13
G 5.0	330.08	329.93	330.99	330.57	331.95	330.53	332.15	331.72	332.01	330.77	331.25
G 7.5	331.45	331.85	332.59	332.18	332.84	332.53	332.89	332.08	332.84	332.05	331.99
G 10.0	331.50	330.74	330.79	330.21	329.86	329.76	329.81	329.76	328.07	328.59	328.46
G 12.5	330.05	327.84	326.92	324.80	323.44	321.70	320.60	322.05	320.67	319.87	320.26
G 15.0	325.91	322.52	319.16	315.04	313.50	311.89	309.63	310.45	309.80	309.74	309.79
G 17.5	320.13	314.02	308.29	304.92	299.64	297.69	296.30	296.77	295.45	295.41	295.44
G 20.0	312.98	304.81	296.75	291.32	285.29	281.35	279.08	276.91	275.91	278.80	276.79
G 22.5	304.95	293.71	282.64	276.40	268.73	264.80	259.75	258.16	254.12	261.27	257.46
G 25.0	294.86	282.11	267.49	260.29	250.73	244.53	237.54	236.86	232.94	234.84	234.82
G 27.5	284.78	268.34	252.15	240.71	228.58	223.08	212.62	210.23	205.87	208.24	209.24
G 30.0	271.82	254.04	234.87	219.98	207.37	198.95	189.58	187.58	180.05	184.53	183.08
G 32.5	258.59	236.99	214.90	197.74	182.86	175.17	165.06	165.12	160.04	162.97	161.94
G 35.0	242.41	217.68	193.26	177.11	163.31	157.17	149.96	146.88	144.43	146.08	145.90
G 37.5	222.79	197.68	172.73	158.39	147.03	141.80	137.05	135.65	132.44	133.93	136.56
G 40.0	200.47	174.72	153.28	141.92	135.02	131.97	128.45	127.95	126.80	127.56	128.65
G 42.5	178.10	153.53	138.21	130.62	125.89	124.63	122.91	122.51	121.26	122.69	123.95
G 45.0	156.43	137.45	127.60	122.78	119.77	119.21	118.09	117.37	116.94	117.69	119.77
G 47.5	140.80	126.09	118.99	116.21	114.96	114.61	113.59	113.36	113.14	113.95	115.63
G 50.0	126.81	117.18	112.33	110.63	110.28	109.83	109.33	109.39	108.87	110.44	111.94
G 52.5	116.43	109.74	106.05	104.65	105.08	105.78	105.75	106.00	105.34	106.35	107.49
G 55.0	108.39	103.22	100.69	98.97	99.40	101.41	102.02	101.94	101.35	100.60	101.04
G 57.5	100.59	96.60	94.45	93.96	93.04	94.57	96.64	95.90	94.39	90.90	88.46
G 60.0	91.15	88.70	86.37	86.63	84.62	85.63	86.59	87.48	80.81	73.85	68.59
G 62.5	69.99	74.90	75.56	75.58	74.67	73.13	72.47	72.54	62.64	52.44	47.92
G 65.0	39.37	47.94	51.97	56.81	56.22	57.08	53.75	54.38	48.51	36.35	32.13
G 67.5	13.40	21.23	26.19	34.46	36.45	39.92	36.83	37.00	34.08	22.30	20.31
G 70.0	7.58	7.79	8.13	14.45	18.35	22.86	21.82	21.19	20.55	11.01	10.11
G 72.5	5.64	5.66	5.71	6.17	6.08	8.89	9.35	10.30	10.10	7.02	6.68
G 75.0	4.09	4.14	4.14	4.37	4.57	4.98	5.14	5.23	5.10	5.04	4.81
G 77.5	2.95	3.12	2.97	3.14	3.23	3.44	3.50	3.70	3.65	3.60	3.51
G 80.0	2.04	2.19	2.17	2.28	2.32	2.44	2.50	2.59	2.60	2.59	2.46
G 82.5	1.39	1.52	1.49	1.60	1.65	1.73	1.77	1.87	1.84	1.88	1.83
G 85.0	0.97	1.06	1.09	1.16	1.20	1.27	1.30	1.34	1.34	1.36	1.39
G 87.5	0.66	0.73	0.78	0.88	0.91	0.97	1.02	1.00	0.95	0.94	0.91
G 90.0	0.17	0.21	0.20	0.24	0.24	0.28	0.30	0.24	0.14	0.10	0.07
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