

Luminaire

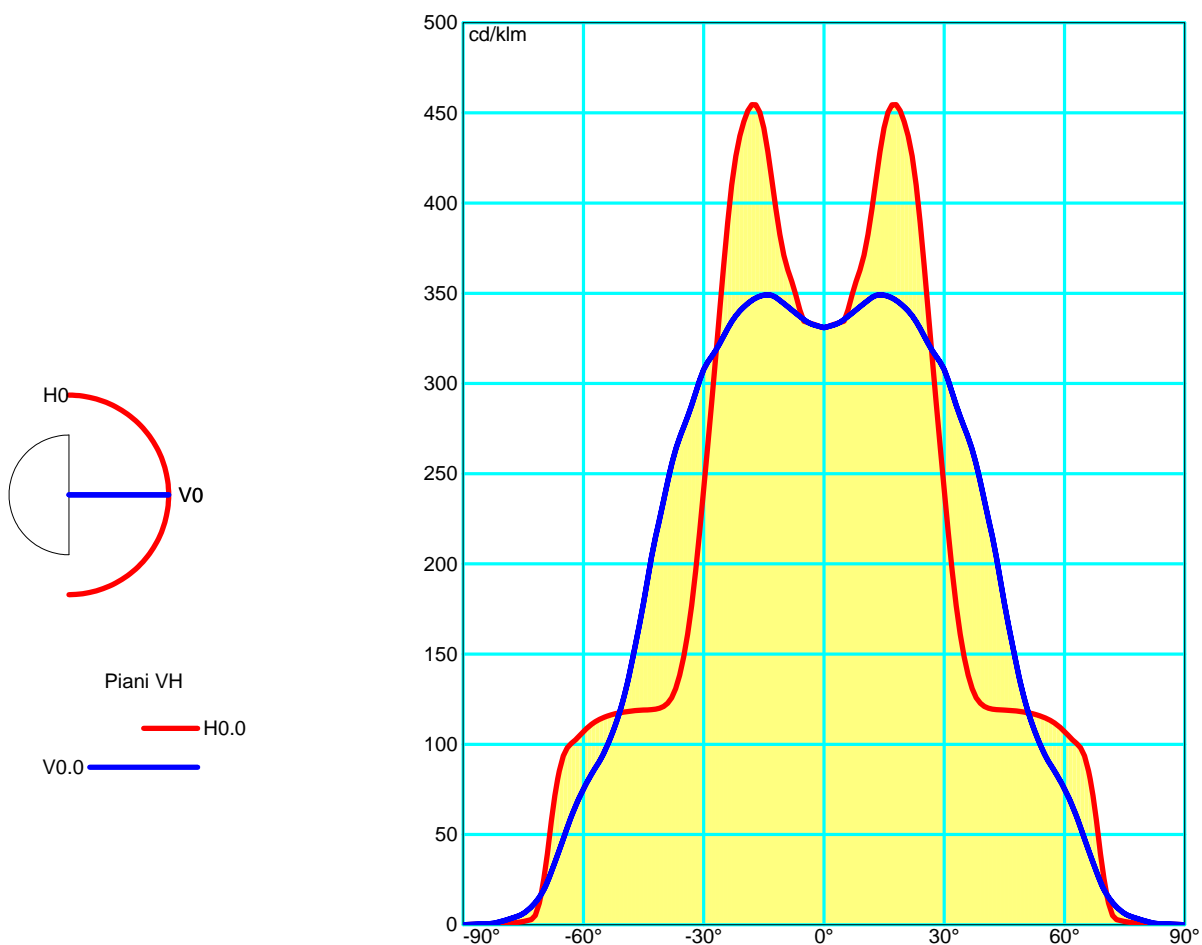
Code 216131.125
Name START SM HPS-T 250W

Measurement

Code CL2303/06-20A SIM
Name START SM ST250W

Luminaire Flux	25852.44 lm	Luminaire Power	250.00 W	Efficacy	103.41 lm/W	Efficiency	77.87%
Lamps Flux	33200.00 lm	Maximum value	468.93 cd/klm	Position	H=12.50 V=-17.50	VH	VH symm in H0
Rectangular Luminaire		Length	569 mm	Width	330 mm	Height	178 mm
Rectangular Luminous Area		Length	569 mm	Width	330 mm	Height	178 mm
Horizontal Luminous Area		0.187770 m2		Emitting area on Plane 180°		0.101282 m2	
Emitting area on Plane 0°		0.101282 m2		Emitting area on Plane 270°		0.058740 m2	
Emitting area on Plane 90°		0.058740 m2		Glare area at 76°		0.143699 m2	
Coordinate system		VH		Symmetry Type		VH symm in H0	
Date		01-01-1998		Beam Type		Diffuse	
Measurement Distance		0.00		Measurement Flux		27000.00 lm	
Operator				Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes							

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS STH,SD,ST,SE,LS	NAV-T 250 SUPER 4Y	Name VIALOX® NAV-T 250 SUPER 4Y E40	33200.00	250.00	1



Luminaire

Code 216131.125
Name START SM HPS-T 250W

Measur.

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Name START SM ST250W

Luminaire Flux		25852.44 lm		Luminaire Power		250.00 W		Efficacy		103.41 lm/W		Efficiency		77.87%	
Lamps Flux		33200.00 lm		Maximum value		468.93 cd/klm		Position		H=12.50 V=-17.50		VH		VH symm in H0	
Luminous Intensity Table cd/klm														Table 1/3	
	H 0.00	H 2.50	H 5.00	H 7.50	H 10.00	H 12.50	H 15.00	H 17.50	H 20.00	H 22.50	H 25.00	H 27.50	H 30.00		
V-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
V-87.5	0.27	0.29	0.31	0.30	0.32	0.34	0.34	0.34	0.34	0.34	0.32	0.29	0.26	0.26	0.26
V-85.0	0.37	0.38	0.40	0.40	0.42	0.44	0.43	0.43	0.43	0.43	0.42	0.40	0.37	0.37	0.37
V-82.5	0.52	0.54	0.56	0.56	0.57	0.59	0.59	0.58	0.59	0.59	0.58	0.56	0.54	0.54	0.54
V-80.0	0.71	0.72	0.74	0.74	0.75	0.76	0.77	0.77	0.78	0.79	0.80	0.80	0.81	0.81	0.81
V-77.5	1.00	1.01	1.03	1.03	1.05	1.07	1.07	1.06	1.08	1.10	1.11	1.13	1.17	1.17	1.17
V-75.0	1.70	1.71	1.74	1.75	1.76	1.77	1.77	1.76	1.74	1.74	1.74	1.74	1.78	1.78	1.78
V-72.5	3.15	3.19	3.21	3.24	3.27	3.28	3.25	3.17	3.09	3.01	2.91	2.80	2.75	2.75	2.75
V-70.0	23.38	23.38	23.38	23.30	23.18	22.98	22.64	22.22	21.63	20.89	20.05	19.30	18.43	18.43	18.43
V-67.5	65.47	65.47	65.38	65.19	64.84	64.38	63.66	62.66	61.66	60.18	58.43	56.48	54.50	54.50	54.50
V-65.0	93.57	93.51	93.33	92.88	92.19	91.13	89.85	88.12	85.94	83.11	79.76	76.25	72.29	72.29	72.29
V-62.5	101.41	101.41	101.22	100.77	100.07	99.12	97.82	95.97	93.58	91.06	87.42	83.68	78.15	78.15	78.15
V-60.0	107.07	107.17	107.12	106.71	106.13	105.25	103.86	102.03	99.64	96.19	92.89	88.32	83.71	83.71	83.71
V-57.5	111.88	111.94	111.98	111.75	111.26	110.37	109.38	107.64	105.01	102.31	99.04	95.32	90.87	90.87	90.87
V-55.0	114.79	114.83	114.94	115.03	114.75	114.07	113.03	111.57	109.57	106.88	103.58	100.72	96.73	96.73	96.73
V-52.5	116.72	116.77	116.94	117.09	117.03	116.91	116.42	115.21	113.64	111.83	109.17	106.03	103.05	103.05	103.05
V-50.0	117.77	117.83	118.00	118.12	118.10	117.97	118.19	117.97	116.84	115.53	113.66	111.23	107.72	107.72	107.72
V-47.5	118.64	118.70	118.81	118.91	118.76	118.52	118.35	118.09	117.90	117.12	115.78	114.25	111.96	111.96	111.96
V-45.0	118.92	118.85	118.92	118.83	118.53	118.15	117.58	117.36	117.00	116.71	116.01	114.70	113.24	113.24	113.24
V-42.5	119.36	119.35	119.30	119.06	118.52	117.63	116.74	115.84	115.47	115.15	114.93	114.17	112.90	112.90	112.90
V-40.0	121.02	121.01	120.94	120.57	120.04	119.18	117.88	116.63	115.56	115.02	114.59	114.02	112.97	112.97	112.97
V-37.5	128.01	127.88	127.50	126.93	125.96	124.92	123.52	121.88	120.31	119.07	118.59	117.85	116.27	116.27	116.27
V-35.0	148.29	148.07	147.45	146.71	145.55	143.94	142.22	140.22	138.18	136.69	135.49	134.36	131.61	131.61	131.61
V-32.5	186.06	186.20	186.18	185.54	184.09	182.37	180.31	178.87	175.88	173.19	169.83	166.17	161.46	161.46	161.46
V-30.0	241.25	241.04	240.21	238.99	237.04	233.96	230.56	227.00	222.86	218.44	212.55	205.71	198.46	198.46	198.46
V-27.5	301.69	301.43	300.78	299.53	297.29	294.48	290.21	285.42	279.28	272.78	264.75	255.89	243.19	243.19	243.19
V-25.0	365.28	365.22	365.39	364.70	362.98	360.66	355.83	350.20	342.05	332.71	322.07	310.05	293.76	293.76	293.76
V-22.5	418.61	418.75	419.06	420.11	420.37	419.29	414.91	408.00	398.67	386.73	372.41	354.30	337.78	337.78	337.78
V-20.0	445.18	446.30	447.86	450.49	452.46	451.98	448.78	441.95	433.34	419.85	404.19	384.71	361.18	361.18	361.18
V-17.5	455.02	457.20	460.10	464.37	467.98	468.93	466.48	459.42	448.29	433.68	415.99	395.27	368.69	368.69	368.69
V-15.0	441.64	442.41	445.77	449.60	453.76	455.84	454.55	447.99	437.60	423.30	405.82	386.17	363.87	363.87	363.87
V-12.5	404.86	405.70	409.69	414.22	418.46	421.35	420.03	414.36	404.73	391.89	375.54	357.69	336.01	336.01	336.01
V-10.0	371.03	372.11	375.48	380.06	384.26	387.41	387.99	385.21	377.11	365.60	352.10	336.81	319.86	319.86	319.86
V -7.5	352.90	353.71	356.38	360.45	364.75	368.34	368.54	364.84	358.44	347.94	334.83	321.48	305.13	305.13	305.13
V -5.0	334.57	335.43	338.91	344.07	348.44	352.69	354.45	354.19	348.31	341.62	331.66	320.04	306.93	306.93	306.93
V -2.5	332.64	333.74	336.44	340.97	344.42	348.72	350.26	347.19	341.23	333.51	324.56	311.93	299.84	299.84	299.84
V 0.0	330.97	332.46	335.32	339.98	344.21	348.42	348.92	346.80	342.45	336.03	326.23	316.55	307.73	307.73	307.73
V 2.5	332.64	333.74	336.44	340.97	344.42	348.72	350.26	347.19	341.23	333.51	324.56	311.93	299.84	299.84	299.84
V 5.0	334.57	335.43	338.91	344.07	348.44	352.69	354.45	354.19	348.31	341.62	331.66	320.04	306.93	306.93	306.93
V 7.5	352.90	353.71	356.38	360.45	364.75	368.34	368.54	364.84	358.44	347.94	334.83	321.48	305.13	305.13	305.13
V 10.0	371.03	372.11	375.48	380.06	384.26	387.41	387.99	385.21	377.11	365.60	352.10	336.81	319.86	319.86	319.86
V 12.5	404.86	405.70	409.69	414.22	418.46	421.35	420.03	414.36	404.73	391.89	375.54	357.69	336.01	336.01	336.01
V 15.0	441.64	442.41	445.77	449.60	453.76	455.84	454.55	447.99	437.60	423.30	405.82	386.17	363.87	363.87	363.87
V 17.5	455.02	457.20	460.10	464.37	467.98	468.93	466.48	459.42	448.29	433.68	415.99	395.27	368.69	368.69	368.69
V 20.0	445.18	446.30	447.86	450.49	452.46	451.98	448.78	441.95	433.34	419.85	404.19	384.71	361.18	361.18	361.18
V 22.5	418.61	418.75	419.06	420.11	420.37	419.29	414.91	408.00	398.67	386.73	372.41	354.30	337.78	337.78	337.78
V 25.0	365.28	365.22	365.39	364.70	362.98	360.66	355.83	350.20	342.05	332.71	322.07	310.05	293.76	293.76	293.76
V 27.5	301.69	301.43	300.78	299.53	297.29	294.48	290.21	285.42	279.28	272.78	264.75	255.89	243.19	243.19	243.19
V 30.0	241.25	241.04	240.21	238.99	237.04	233.96	230.56	227.00	222.86	218.44	212.55	205.71	198.46	198.46	198.46
V 32.5	186.06	186.20	186.18	185.54	184.09	182.37	180.31	178.87	175.88	173.19	169.83	166.17	161.46	161.46	161.46
V 35.0	148.29	148.07	147.45	146.71	145.55	143.94	142.22	140.22	138.18	136.69	135.49	134.36	131.61	131.61	131.61
V 37.5	128.01	127.88	127.50	126.93	125.96	124.92	123.52	121.88	120.31	119.07	118.59	117.85	116.27	116.27	116.27
V 40.0	121.02	121.01	120.94	120.57	120.04	119.18	117.88	116.63	115.56	115.02	114.59	114.02	112.97	112.97	112.97
V 42.5	119.36	119.35	119.30	119.06	118.52	117.63	116.74	115.84	115.47	115.15	114.93	114.17	112.90	112.90	112.90
V 45.0	118.92	118.85	118.92	118.83	118.53	118.15	117.58	117.36	117.00	116.71	116.01	114.70	113.24	113.24	113.24
V 47.5	118.64	118.70	118.81	118.91	118.76	118.52	118.35	118.09	117.90	117.12	115.78	114.25	111.96	111.96	111.96
V 50.0	117.77	117.83	118.00	118.12	118.10	117.97	118.19	117.97	116.84	115.53	113.66	111.23	107.72	107.72	107.72
V 52.5	116.72	116.77	116.94	117.09	117.03	116.91	116.42	115.21	113.64	111.83	109.17	106.03	103.05	103.05	103.05
V 55.0	114.79	114.83	114.94	115.03	114.75	114.07	113.03	111.57	109.57	106.88	103.58	100.72	96.73	96.73	96.73
V 57.5	111.88	111.94	111.98	111.75	111.26	110.37	109.38	107.64	105.01	102.31	99.04	95.32	90.87	90.87	90.87
V 60.0	107.07	107.17	107.12	106.71	106.13	105.25	103.86	102.03	99.64	96.19	92.89	88.32	83.71	83.71	83.71
V 62.5	101.41	101.41	101.22	100.77											

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Luminaire Flux		25852.44 lm		Luminaire Power		250.00 W		Efficacy		103.41 lm/W		Efficiency		77.87%	
Lamps Flux		33200.00 lm		Maximum value		468.93 cd/klm		Position		H=12.50 V=-17.50		VH VH symm in H0			
Luminous Intensity Table cd/klm Table 2/3															
	H 32.50	H 35.00	H 37.50	H 40.00	H 42.50	H 45.00	H 47.50	H 50.00	H 52.50	H 55.00	H 57.50	H 60.00	H 62.50		
V-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
V-87.5	0.24	0.23	0.22	0.21	0.21	0.21	0.21	0.21	0.20	0.20	0.19	0.19	0.19	0.19	0.19
V-85.0	0.35	0.33	0.33	0.32	0.32	0.32	0.31	0.30	0.29	0.27	0.26	0.25	0.24	0.24	0.24
V-82.5	0.53	0.54	0.54	0.54	0.55	0.54	0.52	0.50	0.46	0.43	0.39	0.36	0.33	0.36	0.33
V-80.0	0.82	0.84	0.87	0.89	0.91	0.90	0.87	0.81	0.74	0.67	0.60	0.53	0.48	0.53	0.48
V-77.5	1.23	1.29	1.34	1.39	1.41	1.39	1.35	1.27	1.17	1.05	0.95	0.82	0.72	0.82	0.72
V-75.0	1.85	1.91	1.98	2.04	2.07	2.06	1.99	1.88	1.75	1.59	1.40	1.21	1.07	1.21	1.07
V-72.5	2.72	2.76	2.80	2.87	2.90	2.87	2.78	2.65	2.51	2.29	2.00	1.75	1.50	1.75	1.50
V-70.0	17.46	16.37	15.07	13.70	11.99	10.00	7.91	5.97	4.02	2.98	2.62	2.28	1.97	2.28	1.97
V-67.5	52.49	49.34	44.84	39.98	34.81	29.37	24.47	19.15	13.81	8.41	4.17	2.86	2.44	2.86	2.44
V-65.0	68.28	63.66	58.39	52.40	45.09	38.47	32.12	26.06	19.46	13.53	7.36	3.72	2.84	3.72	2.84
V-62.5	75.10	70.16	65.26	58.73	52.08	45.06	38.08	31.56	25.38	19.68	13.95	8.69	4.42	8.69	4.42
V-60.0	79.83	74.25	69.85	64.21	58.64	50.91	43.72	36.23	29.33	23.12	17.41	10.83	6.54	10.83	6.54
V-57.5	86.50	81.13	75.22	70.80	65.56	58.74	50.88	42.66	35.77	29.19	21.87	17.14	11.67	21.87	17.14
V-55.0	91.81	86.47	81.58	76.12	70.72	64.49	58.01	50.62	41.99	33.76	27.52	20.73	13.83	27.52	20.73
V-52.5	99.17	94.76	89.19	83.47	78.44	71.65	65.72	58.23	48.85	40.35	32.70	25.30	19.19	32.70	25.30
V-50.0	103.72	100.08	94.07	88.89	83.95	78.71	72.39	64.89	54.87	46.02	37.78	30.31	22.88	37.78	30.31
V-47.5	108.40	104.54	100.49	95.66	89.68	84.46	78.47	71.36	62.22	52.11	43.19	34.83	26.93	52.11	43.19
V-45.0	110.78	107.34	103.50	99.26	93.60	88.29	81.43	74.89	66.66	57.21	47.79	38.32	30.49	47.79	38.32
V-42.5	111.13	108.75	104.75	100.11	95.02	89.77	82.89	76.09	69.02	60.01	51.42	41.70	33.48	60.01	51.42
V-40.0	111.37	109.10	105.44	101.04	96.34	90.77	84.43	77.22	71.29	63.18	53.56	44.09	35.51	71.29	63.18
V-37.5	114.38	111.80	108.15	103.02	97.18	91.01	85.36	77.71	71.49	63.63	54.65	44.91	37.37	71.49	63.63
V-35.0	128.14	123.44	117.30	109.22	101.11	93.61	86.09	79.84	72.63	65.51	58.01	49.04	39.95	72.63	65.51
V-32.5	154.86	147.73	136.83	125.53	112.31	101.98	89.68	80.96	73.93	67.24	59.39	51.12	43.09	67.24	59.39
V-30.0	189.44	177.29	161.73	145.27	125.41	109.07	94.82	82.66	75.73	68.53	61.47	53.96	46.09	68.53	61.47
V-27.5	228.83	210.95	192.48	170.83	147.72	124.86	104.52	88.46	77.07	70.33	64.15	56.09	48.21	70.33	64.15
V-25.0	272.50	249.34	224.31	194.79	166.47	137.60	111.75	93.95	79.97	72.24	66.18	59.15	50.39	72.24	66.18
V-22.5	311.61	282.60	253.85	223.73	190.20	159.14	127.57	104.47	85.65	74.89	68.31	61.36	52.33	74.89	68.31
V-20.0	335.08	303.18	270.50	236.09	199.05	165.31	132.19	107.52	89.85	78.14	70.49	63.42	55.17	78.14	70.49
V-17.5	339.37	306.79	276.04	248.02	216.17	180.10	149.06	118.56	97.54	81.77	72.49	64.72	55.50	81.77	72.49
V-15.0	336.21	307.12	278.82	246.27	213.43	180.70	152.65	123.22	101.36	83.99	74.78	68.13	58.07	101.36	83.99
V-12.5	314.68	288.23	262.63	237.45	211.42	183.21	156.34	127.48	105.83	88.65	77.60	69.70	59.16	105.83	88.65
V-10.0	298.32	276.82	254.15	231.50	206.89	180.02	152.92	126.98	107.74	90.22	79.44	70.88	59.60	90.22	79.44
V -7.5	286.95	268.36	246.14	224.87	201.21	174.85	152.24	127.92	111.98	95.82	83.54	73.11	62.29	111.98	95.82
V -5.0	289.24	271.13	252.17	229.77	202.36	177.01	149.31	127.24	108.40	93.69	83.28	74.11	62.60	108.40	93.69
V -2.5	285.16	269.30	252.67	230.38	207.86	181.82	154.57	129.72	111.71	97.73	86.36	74.81	61.98	97.73	86.36
V 0.0	291.36	275.78	259.64	235.07	209.74	178.19	149.97	125.00	108.11	94.58	85.28	75.22	62.93	108.11	94.58
V 2.5	285.16	269.30	252.67	230.38	207.86	181.82	154.57	129.72	111.71	97.73	86.36	74.81	61.98	111.71	97.73
V 5.0	289.24	271.13	252.17	229.77	202.36	177.01	149.31	127.24	108.40	93.69	83.28	74.11	62.60	108.40	93.69
V 7.5	286.95	268.36	246.14	224.87	201.21	174.85	152.24	127.92	111.98	95.82	83.54	73.11	62.29	111.98	95.82
V 10.0	298.32	276.82	254.15	231.50	206.89	180.02	152.92	126.98	107.74	90.22	79.44	70.88	59.60	90.22	79.44
V 12.5	314.68	288.23	262.63	237.45	211.42	183.21	156.34	127.48	105.83	88.65	77.60	69.70	59.16	105.83	88.65
V 15.0	336.21	307.12	278.82	246.27	213.43	180.70	152.65	123.22	101.36	83.99	74.78	68.13	58.07	101.36	83.99
V 17.5	339.37	306.79	276.04	248.02	216.17	180.10	149.06	118.56	97.54	81.77	72.49	64.72	55.50	97.54	81.77
V 20.0	335.08	303.18	270.50	236.09	199.05	165.31	132.19	107.52	89.85	78.14	70.49	63.42	55.17	89.85	78.14
V 22.5	311.61	282.60	253.85	223.73	190.20	159.14	127.57	104.47	85.65	74.89	68.31	61.36	52.33	74.89	68.31
V 25.0	272.50	249.34	224.31	194.79	166.47	137.60	111.75	93.95	79.97	72.24	66.18	59.15	50.39	72.24	66.18
V 27.5	228.83	210.95	192.48	170.83	147.72	124.86	104.52	88.46	77.07	70.33	64.15	56.09	48.21	70.33	64.15
V 30.0	189.44	177.29	161.73	145.27	125.41	109.07	94.82	82.66	75.73	68.53	61.47	53.96	46.09	68.53	61.47
V 32.5	154.86	147.73	136.83	125.53	112.31	101.98	89.68	80.96	73.93	67.24	59.39	51.12	43.09	67.24	59.39
V 35.0	128.14	123.44	117.30	109.22	101.11	93.61	86.09	79.84	72.63	65.51	58.01	49.04	39.95	72.63	65.51
V 37.5	114.38	111.80	108.15	103.02	97.18	91.01	85.36	77.71	71.49	63.63	54.65	44.91	37.37	71.49	63.63
V 40.0	111.37	109.10	105.44	101.04	96.34	90.77	84.43	77.22	71.29	63.18	53.56	44.09	35.51	71.29	63.18
V 42.5	111.13	108.75	104.75	100.11	95.02	89.77	82.89	76.09	69.02	60.01	51.42	41.70	33.48	69.02	60.01
V 45.0	110.78	107.34	103.50	99.26	93.60	88.29	81.43	74.89	66.66	57.21	47.79	38.32	30.49	57.21	47.79
V 47.5	108.40	104.54	100.49	95.66	89.68	84.46	78.47	71.36	62.22	52.11	43.19	34.83	26.93	62.22	52.11
V 50.0	103.72	100.08	94.07	88.89	83.95	78.71	72.39	64.89	54.87	46.02	37.78	30.31	22.88	54.87	46.02
V 52.5	99.17	94.76	89.19	83.47	78.44	71.65	65.72	58.23	48.85	40.35	32.70	25.30	19.19	40.35	32.70
V 55.0	91.81	86.47	81.58	76.12	70.72	64.49	58.01	50.62	41.99	33.76	27.52	20.73	13.83	41.99	33.76
V 57.5	86.50	81.13	75.22	70.80	65.56	58.74	50.88	42.66	35.77	29.19	21.87	17.14	11.67	29.19	21.87
V 60.0	79.83	74.25	69.85	64.21	58.64	50.91	43.72	36.23	29.33	23.12	17.41	10.83	6.54	29.33	23.12
V 62.5	75.10	70.16	65.26	58.73	52.08	45.06	38.08	31.56	25.38	19.68	13.95				

Luminaire

Code 216131.125
Name START SM HPS-T 250W

Measur.

Code CL2303/06-20A SIM
Name START SM ST250W

Luminaire Flux	25852.44 lm	Luminaire Power	250.00 W	Efficacy	103.41 lm/W	Efficiency	77.87%
Lamps Flux	33200.00 lm	Maximum value	468.93 cd/klm	Position	H=12.50 V=-17.50	VH	VH symm in H0

Luminous Intensity Table cd/klm Table 3/3

	H 65.00	H 67.50	H 70.00	H 72.50	H 75.00	H 77.50	H 80.00	H 82.50	H 85.00	H 87.50	H 90.00
V-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V-87.5	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.12	0.12	0.12	0.00
V-85.0	0.23	0.22	0.21	0.20	0.19	0.18	0.18	0.12	0.12	0.12	0.00
V-82.5	0.31	0.29	0.27	0.25	0.23	0.21	0.19	0.13	0.13	0.12	0.00
V-80.0	0.44	0.41	0.37	0.34	0.29	0.25	0.21	0.14	0.13	0.12	0.00
V-77.5	0.64	0.59	0.53	0.45	0.38	0.30	0.25	0.16	0.14	0.13	0.00
V-75.0	0.93	0.82	0.71	0.61	0.48	0.36	0.28	0.17	0.14	0.12	0.00
V-72.5	1.29	1.13	0.94	0.81	0.63	0.46	0.34	0.20	0.16	0.13	0.00
V-70.0	1.70	1.42	1.17	0.97	0.78	0.56	0.39	0.22	0.17	0.13	0.00
V-67.5	2.11	1.78	1.44	1.20	0.92	0.66	0.45	0.25	0.20	0.13	0.00
V-65.0	2.46	2.05	1.69	1.38	1.06	0.77	0.49	0.26	0.17	0.12	0.00
V-62.5	2.92	2.44	2.00	1.59	1.26	0.88	0.61	0.32	0.21	0.13	0.00
V-60.0	3.59	2.80	2.23	1.81	1.39	1.00	0.63	0.31	0.19	0.11	0.00
V-57.5	6.60	3.38	2.49	2.01	1.54	1.11	0.75	0.38	0.24	0.13	0.00
V-55.0	8.29	4.24	2.81	2.18	1.67	1.20	0.79	0.40	0.22	0.12	0.00
V-52.5	12.90	7.41	3.30	2.50	1.87	1.37	0.88	0.43	0.25	0.13	0.00
V-50.0	15.55	8.48	4.01	2.65	1.96	1.45	0.92	0.45	0.25	0.13	0.00
V-47.5	19.93	12.21	6.52	3.02	2.22	1.57	1.05	0.48	0.30	0.15	0.00
V-45.0	22.10	13.41	7.49	3.49	2.37	1.72	1.08	0.49	0.29	0.13	0.00
V-42.5	24.43	16.65	9.59	4.70	2.60	1.84	1.19	0.55	0.33	0.16	0.00
V-40.0	26.27	16.99	9.57	5.11	2.80	1.95	1.22	0.53	0.32	0.13	0.00
V-37.5	28.40	18.75	10.98	6.68	3.08	2.11	1.35	0.60	0.38	0.17	0.00
V-35.0	30.71	20.34	12.08	6.92	3.34	2.17	1.35	0.58	0.34	0.14	0.00
V-32.5	33.27	21.27	13.50	7.79	3.62	2.32	1.43	0.59	0.36	0.20	0.00
V-30.0	35.29	23.20	14.11	8.29	4.12	2.38	1.47	0.61	0.36	0.14	0.00
V-27.5	37.91	25.14	14.78	8.72	4.61	2.50	1.59	0.73	0.43	0.19	0.00
V-25.0	40.09	26.65	16.03	9.01	4.75	2.62	1.61	0.65	0.36	0.15	0.00
V-22.5	42.32	27.95	16.34	9.72	5.55	2.79	1.80	0.72	0.44	0.20	0.00
V-20.0	43.71	28.56	17.46	10.10	5.60	2.88	1.74	0.66	0.39	0.16	0.00
V-17.5	44.87	31.97	18.31	10.98	6.40	3.16	1.92	0.75	0.45	0.19	0.00
V-15.0	46.18	30.39	18.03	10.11	5.87	3.11	1.86	0.68	0.40	0.15	0.00
V-12.5	47.19	31.96	19.16	11.76	6.59	3.55	2.00	0.78	0.46	0.20	0.00
V-10.0	47.68	32.84	19.94	11.45	6.37	3.32	1.89	0.72	0.41	0.15	0.00
V -7.5	48.08	31.97	19.92	11.67	7.30	3.73	2.08	0.79	0.48	0.20	0.00
V -5.0	47.27	31.79	19.23	11.95	6.81	3.42	1.97	0.75	0.44	0.19	0.00
V -2.5	48.60	32.91	19.71	12.02	7.34	3.85	2.09	0.83	0.48	0.21	0.00
V 0.0	47.53	32.23	18.84	11.08	6.17	3.89	2.13	0.78	0.49	0.19	0.00
V 2.5	48.60	32.91	19.71	12.02	7.34	3.85	2.09	0.83	0.48	0.21	0.00
V 5.0	47.27	31.79	19.23	11.95	6.81	3.42	1.97	0.75	0.44	0.19	0.00
V 7.5	48.08	31.97	19.92	11.67	7.30	3.73	2.08	0.79	0.48	0.20	0.00
V 10.0	47.68	32.84	19.94	11.45	6.37	3.32	1.89	0.72	0.41	0.15	0.00
V 12.5	47.19	31.96	19.16	11.76	6.59	3.55	2.00	0.78	0.46	0.20	0.00
V 15.0	46.18	30.39	18.03	10.11	5.87	3.11	1.86	0.68	0.40	0.15	0.00
V 17.5	44.87	31.97	18.31	10.98	6.40	3.16	1.92	0.75	0.45	0.19	0.00
V 20.0	43.71	28.56	17.46	10.10	5.60	2.88	1.74	0.66	0.39	0.16	0.00
V 22.5	42.32	27.95	16.34	9.72	5.55	2.79	1.80	0.72	0.44	0.20	0.00
V 25.0	40.09	26.65	16.03	9.01	4.75	2.62	1.61	0.65	0.36	0.15	0.00
V 27.5	37.91	25.14	14.78	8.72	4.61	2.50	1.59	0.73	0.43	0.19	0.00
V 30.0	35.29	23.20	14.11	8.29	4.12	2.38	1.47	0.61	0.36	0.14	0.00
V 32.5	33.27	21.27	13.50	7.79	3.62	2.32	1.43	0.59	0.36	0.20	0.00
V 35.0	30.71	20.34	12.08	6.92	3.34	2.17	1.35	0.58	0.34	0.14	0.00
V 37.5	28.40	18.75	10.98	6.68	3.08	2.11	1.35	0.60	0.38	0.17	0.00
V 40.0	26.27	16.99	9.57	5.11	2.80	1.95	1.22	0.53	0.32	0.13	0.00
V 42.5	24.43	16.65	9.59	4.70	2.60	1.84	1.19	0.55	0.33	0.16	0.00
V 45.0	22.10	13.41	7.49	3.49	2.37	1.72	1.08	0.49	0.29	0.13	0.00
V 47.5	19.93	12.21	6.52	3.02	2.22	1.57	1.05	0.48	0.30	0.15	0.00
V 50.0	15.55	8.48	4.01	2.65	1.96	1.45	0.92	0.45	0.25	0.13	0.00
V 52.5	12.90	7.41	3.30	2.50	1.87	1.37	0.88	0.43	0.25	0.13	0.00
V 55.0	8.29	4.24	2.81	2.18	1.67	1.20	0.79	0.40	0.22	0.12	0.00
V 57.5	6.60	3.38	2.49	2.01	1.54	1.11	0.75	0.38	0.24	0.13	0.00
V 60.0	3.59	2.80	2.23	1.81	1.39	1.00	0.63	0.31	0.19	0.11	0.00
V 62.5	2.92	2.44	2.00	1.59	1.26	0.88	0.61	0.32	0.21	0.13	0.00
V 65.0	2.46	2.05	1.69	1.38	1.06	0.77	0.49	0.26	0.17	0.12	0.00
V 67.5	2.11	1.78	1.44	1.20	0.92	0.66	0.45	0.25	0.20	0.13	0.00
V 70.0	1.70	1.42	1.17	0.97	0.78	0.56	0.39	0.22	0.17	0.13	0.00
V 72.5	1.29	1.13	0.94	0.81	0.63	0.46	0.34	0.20	0.16	0.13	0.00
V 75.0	0.93	0.82	0.71	0.61	0.48	0.36	0.28	0.17	0.14	0.12	0.00
V 77.5	0.64	0.59	0.53	0.45	0.38	0.30	0.25	0.16	0.14	0.13	0.00
V 80.0	0.44	0.41	0.37	0.34	0.29	0.25	0.21	0.14	0.13	0.12	0.00
V 82.5	0.31	0.29	0.27	0.25	0.23	0.21	0.19	0.13	0.13	0.12	0.00
V 85.0	0.23	0.22	0.21	0.20	0.19	0.18	0.18	0.12	0.12	0.12	0.00
V 87.5	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.12	0.12	0.12	0.00
V 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00