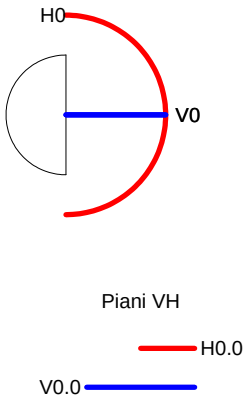
Luminaire
Code 231333.120
Name CONTINENTAL AS HPI-T 2000W
Measurem.
Code CL2303/07-92A
Name CONTINENTAL AS MT2000W PHILIPS

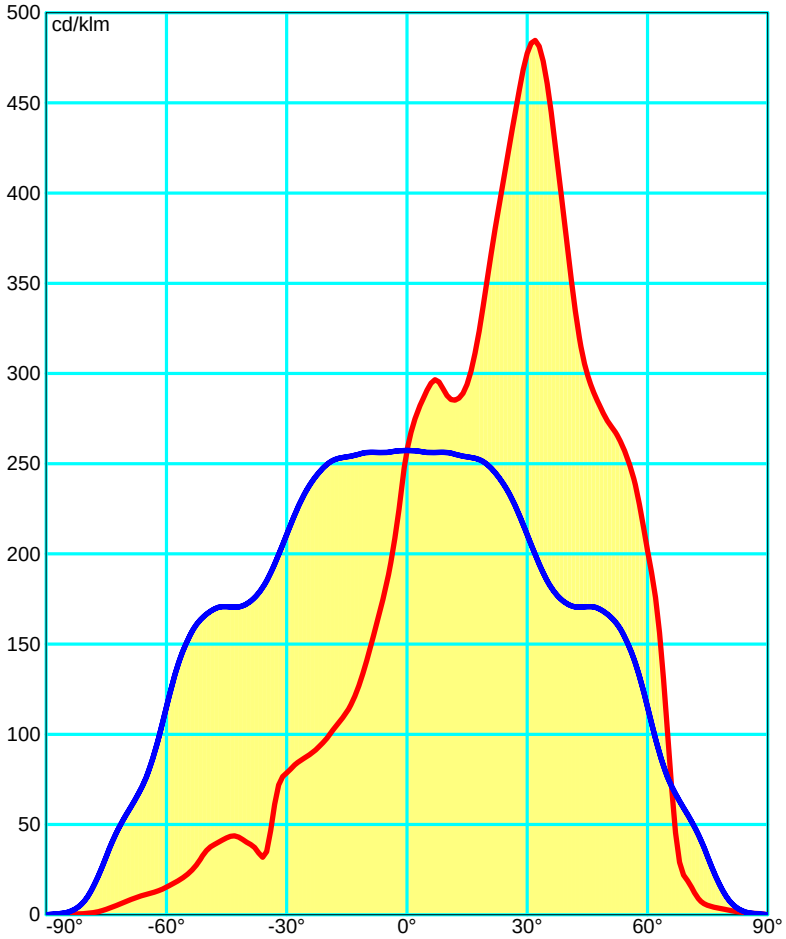
Luminaire Flux	149535.92 lm	Luminaire Power	2000.00 W	Efficacy	74.77 lm/W	Efficiency	71.21%
Lamps Flux	210000.00 lm	Maximum value	483.64 cd/klm	Position	H=0.00 V=32.50	VH	VH symm in H0

Rectangular Luminaire	Length 610 mm	Width 525 mm	Height 1 mm
Rectangular Luminous Area	Length 610 mm	Width 525 mm	Height 0 mm
Horizontal Luminous Area	0.320250 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°	0.077475 m2
Coordinate system	VH	Symmetry Type	VH symm in H0
Date	01-01-1998	Beam Type	Diffuse
Measurement Distance	0.00	Measurement Flux	210000.00 lm
Operator		Source Voltage [V]	
Temperature		Source current [A]	
Humidity		Photocell	
Notes			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS MD,MT,ME,MC	HPI-T2000	HPI-T2000	210000.00	2000.00	1





Luminaire
Code 231333.120
Name CONTINENTAL AS HPI-T 2000W
Measurem.
Code CL2303/07-92A
Name CONTINENTAL AS MT2000W PHILIPS

Luminaire Flux	149535.92 lm	Luminaire Power	2000.00 W	Efficacy	74.77 lm/W	Efficiency	71.21%
Lamps Flux	210000.00 lm	Maximum value	483.64 cd/klm	Position	H=0.00 V=32.50	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
V-87.5	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.22
V-85.0	0.28	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.30	0.30	0.30
V-82.5	0.41	0.40	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.45	0.46
V-80.0	0.71	0.71	0.72	0.74	0.75	0.75	0.75	0.75	0.74	0.75	0.76	0.77	0.80
V-77.5	1.46	1.46	1.49	1.53	1.55	1.54	1.52	1.48	1.44	1.42	1.41	1.42	1.46
V-75.0	2.97	2.98	3.02	3.07	3.09	3.05	2.96	2.82	2.69	2.58	2.50	2.49	2.54
V-72.5	5.14	5.15	5.22	5.28	5.29	5.20	5.02	4.75	4.45	4.20	4.03	3.97	4.00
V-70.0	7.39	7.43	7.54	7.65	7.65	7.54	7.24	6.83	6.39	5.99	5.73	5.63	5.66
V-67.5	9.56	9.60	9.75	9.90	9.91	9.78	9.46	8.92	8.36	7.84	7.48	7.38	7.42
V-65.0	11.25	11.30	11.48	11.69	11.79	11.68	11.35	10.80	10.16	9.57	9.16	9.04	9.17
V-62.5	12.86	12.91	13.14	13.42	13.59	13.54	13.25	12.70	12.08	11.46	11.05	10.97	11.15
V-60.0	15.22	15.29	15.55	15.94	16.23	16.28	16.07	15.54	14.84	14.15	13.69	13.51	13.68
V-57.5	18.36	18.43	18.74	19.20	19.57	19.76	19.58	19.07	18.34	17.60	17.09	16.88	16.98
V-55.0	21.94	22.04	22.46	23.04	23.48	23.72	23.56	23.05	22.27	21.49	20.94	20.72	20.83
V-52.5	27.65	27.81	28.32	28.94	29.51	29.77	29.55	28.88	27.93	26.83	25.90	25.40	25.33
V-50.0	35.60	35.80	36.39	37.20	37.96	38.32	38.07	37.25	35.95	34.31	32.58	31.28	30.60
V-47.5	39.55	39.77	40.48	41.45	42.33	42.84	42.61	41.73	40.36	38.55	36.91	35.39	34.45
V-45.0	42.57	42.79	43.48	44.45	45.39	45.72	45.41	44.47	42.99	41.09	39.16	37.56	36.52
V-42.5	43.50	43.67	44.23	45.05	45.76	45.97	45.56	44.45	42.79	40.96	38.95	37.50	36.65
V-40.0	40.17	40.37	40.96	41.82	42.52	42.68	42.29	41.16	39.56	37.71	36.06	34.97	34.44
V-37.5	35.91	36.04	36.60	37.34	37.96	38.13	37.73	36.72	35.07	33.54	32.08	31.32	31.25
V-35.0	34.95	35.06	35.54	36.23	36.78	37.04	36.74	35.93	34.59	33.29	32.31	31.88	32.19
V-32.5	67.45	67.48	67.83	68.20	68.45	68.36	67.78	66.74	65.19	63.65	62.19	61.13	60.54
V-30.0	78.56	78.66	78.84	79.11	79.28	79.17	78.63	77.67	76.26	74.77	73.53	72.48	71.67
V-27.5	84.04	84.05	84.29	84.52	84.59	84.42	83.85	82.89	81.58	80.22	79.08	78.29	77.67
V-25.0	87.52	87.58	87.67	87.77	87.75	87.40	86.81	85.98	84.93	83.81	82.84	82.12	81.53
V-22.5	92.02	91.97	92.01	92.00	91.80	91.38	90.76	90.02	89.00	88.01	87.17	86.48	86.01
V-20.0	97.78	97.74	97.65	97.62	97.43	96.94	96.31	95.42	94.43	93.36	92.53	91.89	91.49
V-17.5	105.12	104.92	104.77	104.60	104.32	103.74	102.97	102.00	101.00	99.93	99.05	98.40	97.96
V-15.0	112.43	112.30	112.04	111.77	111.45	110.76	109.91	108.96	108.04	107.14	106.09	105.26	104.84
V-12.5	123.87	123.53	123.20	122.84	122.34	121.59	120.63	119.80	118.83	117.76	116.50	115.26	114.15
V-10.0	141.06	141.10	140.85	140.55	140.18	139.41	138.62	138.04	136.89	135.35	133.01	130.36	127.75
V -7.5	161.65	161.70	162.02	162.25	162.24	162.41	162.16	161.49	160.16	157.42	154.18	149.70	144.97
V -5.0	184.16	184.22	184.51	185.02	185.42	185.66	185.99	185.72	184.01	181.10	176.28	170.59	163.79
V -2.5	216.22	216.03	215.77	215.84	216.09	215.78	215.45	214.72	212.24	207.93	201.90	193.97	185.01
V 0.0	257.31	257.05	256.24	256.24	256.24	254.94	253.81	252.69	249.58	243.66	235.40	224.24	210.67
V 2.5	277.56	277.55	277.62	277.64	278.21	278.16	278.13	278.48	277.15	272.44	264.77	252.32	236.46
V 5.0	290.73	291.16	291.23	291.25	291.74	292.26	292.94	293.77	293.56	289.71	282.90	269.93	253.50
V 7.5	296.35	296.50	296.42	296.68	297.52	298.37	299.36	300.56	301.33	299.45	293.62	282.30	267.52
V 10.0	287.74	287.74	287.96	289.53	291.24	292.70	294.93	297.48	300.24	300.79	297.08	289.30	278.00
V 12.5	285.60	285.54	286.06	287.08	288.56	289.40	291.78	294.53	298.22	300.00	298.30	292.70	282.79
V 15.0	293.87	294.05	294.50	295.31	296.11	297.19	299.06	301.65	306.01	309.06	308.48	303.51	294.94
V 17.5	317.05	317.07	317.03	317.75	318.56	319.42	321.41	324.74	329.10	333.01	332.42	327.63	317.60
V 20.0	352.00	351.61	350.93	350.89	351.05	351.89	353.74	357.53	362.13	365.79	365.01	358.87	346.99
V 22.5	387.09	386.64	385.94	385.88	386.02	386.62	388.51	391.78	396.93	400.58	399.53	392.21	378.60
V 25.0	418.88	418.74	417.96	417.92	417.47	417.71	419.35	421.95	426.67	430.42	428.47	420.25	402.71
V 27.5	450.91	450.17	449.51	448.52	447.95	446.99	447.48	450.01	453.41	455.53	451.94	441.36	420.13
V 30.0	477.43	476.75	475.16	473.74	472.25	470.47	469.77	470.77	473.53	474.85	469.13	454.21	431.10
V 32.5	483.64	482.72	481.13	479.75	477.34	475.30	474.43	474.72	476.15	476.16	467.91	450.89	427.94
V 35.0	460.64	459.22	457.79	455.95	454.28	453.20	452.56	452.56	453.45	451.98	442.69	428.59	407.85
V 37.5	417.56	416.69	415.28	414.56	413.56	412.76	412.95	412.37	413.09	411.74	402.95	391.51	374.05
V 40.0	370.31	369.54	368.36	367.51	367.25	366.82	366.66	366.71	367.54	366.20	361.51	352.33	338.71
V 42.5	326.79	326.14	325.33	324.61	324.51	324.29	324.01	324.00	324.63	323.54	320.70	315.82	306.51
V 45.0	299.48	298.81	297.93	297.09	296.33	296.22	295.78	295.36	295.26	294.90	293.22	290.45	285.97
V 47.5	284.98	284.21	283.13	282.01	281.13	280.31	279.37	278.38	277.44	277.11	276.89	275.03	271.77
V 50.0	273.78	273.31	272.39	271.13	270.34	269.55	268.23	267.27	266.92	266.66	265.82	263.99	260.49
V 52.5	265.64	265.07	263.96	262.69	261.41	260.42	259.38	258.64	258.30	257.87	256.73	253.99	249.91
V 55.0	252.94	252.36	251.77	250.67	249.71	248.43	247.17	246.56	246.00	245.48	244.34	241.32	233.65
V 57.5	233.25	232.36	231.67	230.38	229.44	228.58	228.05	227.55	226.65	226.01	223.87	218.81	208.33
V 60.0	201.82	201.72	201.01	200.60	199.98	199.48	198.88	198.63	198.40	197.59	194.87	187.84	174.55
V 62.5	166.92	166.40	166.07	165.32	164.92	164.57	164.01	163.75	162.90	161.65	157.29	146.16	133.47
V 65.0	101.13	100.94	100.72	99.58	97.30	95.75	95.58	93.84	92.32	90.92	87.51	82.65	77.59
V 67.5	35.85	35.84	35.92	35.90	36.01	36.08	36.41	36.79	36.80	36.15	35.10	33.63	31.76
V 70.0	18.87	18.79	18.91	18.92	18.95	19.04	19.17	19.30	19.20	18.85	18.29	17.73	17.20
V 72.5	9.56	9.51	9.52	9.50	9.45	9.40	9.30	9.26	9.27	9.26	9.27	9.32	9.44
V 75.0	5.25	5.22	5.20	5.15	5.09	5.02	4.93	4.85	4.85	4.92	5.04	5.21	5.39
V 77.5	3.77	3.76	3.74	3.69	3.61	3.52	3.43	3.36	3.32	3.30	3.31	3.33	3.35
V 80.0	2.67	2.66	2.64	2.61	2.55	2.47	2.40	2.34	2.29	2.25	2.22	2.20	2.16
V 82.5	1.65	1.65	1.64	1.62	1.60	1.56	1.53	1.49	1.46	1.44	1.42	1.40	1.38
V 85.0	1.00	0.99	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93
V 87.5	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
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

Luminaire
Code 231333.120
Name CONTINENTAL AS HPI-T 2000W
Measurem.
Code CL2303/07-92A
Name CONTINENTAL AS MT2000W PHILIPS

Luminaire Flux	149535.92 lm	Luminaire Power	2000.00 W	Efficacy	74.77 lm/W	Efficiency	71.21%
Lamps Flux	210000.00 lm	Maximum value	483.64 cd/klm	Position	H=0.00 V=32.50	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
V-87.5	0.21	0.21	0.21	0.21	0.21	0.21	0.20	0.19	0.19	0.19	0.19	0.18	0.18
V-85.0	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.30	0.30	0.28	0.27	0.26	0.25
V-82.5	0.47	0.49	0.50	0.51	0.51	0.51	0.51	0.50	0.49	0.48	0.46	0.43	0.39
V-80.0	0.82	0.85	0.87	0.89	0.90	0.89	0.88	0.86	0.84	0.81	0.77	0.71	0.64
V-77.5	1.51	1.55	1.58	1.59	1.58	1.55	1.51	1.46	1.39	1.33	1.24	1.13	1.01
V-75.0	2.60	2.66	2.68	2.66	2.61	2.52	2.42	2.31	2.18	2.05	1.90	1.72	1.52
V-72.5	4.08	4.15	4.17	4.13	4.01	3.84	3.66	3.48	3.26	3.05	2.79	2.51	2.18
V-70.0	5.78	5.88	5.91	5.85	5.69	5.47	5.22	4.93	4.61	4.28	3.91	3.50	3.06
V-67.5	7.58	7.75	7.85	7.81	7.65	7.40	7.07	6.70	6.29	5.81	5.25	4.71	4.06
V-65.0	9.41	9.70	9.90	9.93	9.81	9.57	9.21	8.78	8.26	7.61	6.91	6.10	5.27
V-62.5	11.50	11.90	12.23	12.36	12.34	12.13	11.74	11.22	10.56	9.75	8.79	7.71	6.60
V-60.0	14.07	14.55	14.97	15.20	15.23	15.03	14.61	13.95	13.13	12.14	10.94	9.60	8.12
V-57.5	17.42	17.92	18.41	18.68	18.74	18.48	17.91	17.12	16.01	14.73	13.22	11.56	9.75
V-55.0	21.32	21.92	22.46	22.71	22.71	22.34	21.59	20.54	19.21	17.45	15.69	13.56	11.53
V-52.5	25.72	26.30	26.85	27.13	27.03	26.48	25.46	24.07	22.30	20.21	17.95	15.69	13.23
V-50.0	30.44	30.71	31.05	31.22	30.98	30.25	28.91	27.19	25.17	22.80	20.25	17.74	15.19
V-47.5	34.21	34.33	34.52	34.59	34.24	33.23	31.75	29.79	27.48	24.95	22.37	19.72	17.17
V-45.0	36.23	36.44	36.71	36.76	36.17	35.11	33.35	31.28	29.03	26.62	24.42	21.97	19.31
V-42.5	36.48	36.80	37.18	37.29	36.77	35.65	34.06	32.08	30.09	28.27	26.20	23.85	21.41
V-40.0	34.66	35.30	35.92	36.17	35.86	35.04	33.93	32.40	30.94	29.52	27.79	25.89	23.97
V-37.5	31.90	32.86	33.79	34.24	34.28	33.92	33.22	32.43	31.67	30.64	29.42	28.22	26.64
V-35.0	32.99	34.00	35.06	35.87	36.32	36.12	35.63	34.61	34.01	33.25	31.53	30.65	29.04
V-32.5	60.09	59.12	58.08	56.75	54.81	51.45	48.22	44.48	41.58	39.83	36.67	34.27	31.47
V-30.0	70.92	69.14	67.23	65.11	62.35	58.22	54.48	50.91	46.42	43.97	40.16	37.51	33.88
V-27.5	76.76	74.88	72.42	69.90	67.21	63.58	59.32	55.95	50.47	47.69	44.07	40.68	36.86
V-25.0	80.79	79.20	76.67	74.09	71.60	68.39	64.25	60.75	55.17	51.36	48.21	43.52	40.05
V-22.5	85.45	84.58	82.45	80.60	78.85	76.73	72.63	68.78	63.99	58.38	52.80	46.88	44.43
V-20.0	91.20	91.12	91.28	91.50	91.66	90.49	87.81	84.56	79.71	71.52	62.86	53.72	48.59
V-17.5	97.70	97.87	98.47	98.92	99.57	99.96	98.72	95.38	89.76	81.83	71.24	60.80	52.89
V-15.0	104.74	105.16	106.08	107.00	108.19	108.91	107.85	104.51	98.67	89.35	78.97	67.19	57.92
V-12.5	113.48	113.70	114.49	115.84	117.51	118.69	117.87	114.33	108.41	99.11	87.27	73.81	62.25
V-10.0	125.39	124.22	124.51	125.66	127.59	128.79	128.34	124.82	119.23	109.44	95.57	81.15	67.43
V -7.5	141.17	138.03	136.68	136.86	138.12	139.50	139.14	135.89	129.90	119.02	104.89	88.24	72.50
V -5.0	157.76	152.89	149.84	148.72	149.44	150.77	150.17	146.53	140.54	129.74	115.77	97.73	79.31
V -2.5	176.04	168.16	163.35	160.93	160.59	161.13	160.52	156.89	150.90	140.81	126.01	106.09	86.03
V 0.0	196.99	185.08	177.00	172.28	170.48	170.80	170.05	166.55	160.93	150.77	136.07	115.01	93.47
V 2.5	219.50	203.57	191.08	183.52	180.51	179.81	179.08	175.85	170.27	160.68	144.86	124.73	101.12
V 5.0	235.49	218.08	204.04	194.20	189.80	188.42	187.81	185.02	179.18	169.50	153.51	132.91	108.67
V 7.5	249.11	230.71	214.48	203.62	198.23	196.47	195.46	193.09	188.13	178.42	163.44	141.31	116.40
V 10.0	261.47	241.34	225.19	213.05	206.49	204.81	202.89	201.00	196.07	186.37	171.08	148.96	122.86
V 12.5	269.10	250.86	235.07	222.51	214.61	212.81	210.52	208.17	203.38	193.11	177.41	154.35	127.45
V 15.0	280.89	262.96	246.65	232.75	223.17	221.35	218.62	215.70	210.75	199.81	185.01	160.57	131.88
V 17.5	302.25	282.38	263.43	247.27	235.27	230.93	226.54	222.93	216.57	205.14	188.64	164.22	136.18
V 20.0	328.26	304.15	282.24	259.80	246.84	240.67	234.06	229.25	221.58	209.04	192.48	167.72	139.45
V 22.5	355.04	326.86	298.59	275.37	258.10	247.76	239.46	233.72	224.47	211.99	193.90	168.88	140.77
V 25.0	376.81	344.63	312.11	283.65	265.75	253.20	244.17	236.14	224.94	210.84	192.21	169.25	139.45
V 27.5	392.27	356.55	321.15	291.04	271.06	255.88	245.69	236.44	224.61	209.44	190.03	167.18	138.54
V 30.0	399.68	361.72	324.21	293.76	271.70	255.86	245.14	234.27	220.66	205.45	186.07	161.40	135.86
V 32.5	394.35	356.00	319.62	292.90	269.51	253.40	241.90	229.43	215.54	198.54	179.47	156.59	131.50
V 35.0	374.95	341.43	310.24	286.69	264.01	249.02	236.25	222.09	206.78	189.37	170.40	149.53	126.18
V 37.5	348.07	321.34	298.59	277.46	256.81	241.48	227.26	212.20	195.52	178.09	161.80	140.71	119.24
V 40.0	320.16	302.04	283.94	263.35	247.02	232.09	216.83	200.30	183.95	167.72	151.13	133.20	112.32
V 42.5	295.32	283.34	269.99	252.53	236.03	220.69	203.35	185.33	169.85	155.65	139.91	122.65	102.30
V 45.0	279.29	269.95	256.80	239.90	224.01	205.60	187.62	169.49	154.53	140.53	126.80	111.87	93.73
V 47.5	266.48	256.95	242.34	224.97	207.01	187.34	168.35	150.67	137.66	126.58	115.16	100.65	84.30
V 50.0	254.07	242.45	225.22	206.99	185.61	164.58	145.65	131.81	120.17	110.15	101.28	88.95	74.79
V 52.5	239.61	223.93	204.68	184.23	163.11	142.51	125.68	113.02	102.87	95.94	88.74	78.31	66.89
V 55.0	220.24	202.29	182.07	159.45	136.19	118.94	105.53	95.37	88.17	83.19	76.63	67.99	58.32
V 57.5	192.80	174.91	152.92	131.74	112.21	98.63	88.54	80.77	76.58	72.10	66.14	58.98	48.96
V 60.0	158.30	139.78	118.69	101.45	88.50	78.68	71.62	68.15	64.95	60.97	55.86	48.69	39.73
V 62.5	118.35	100.88	85.42	73.58	65.09	58.66	56.50	54.61	52.02	48.89	44.55	37.90	29.13
V 65.0	70.70	62.29	54.36	47.95	43.11	42.45	41.96	40.82	38.87	36.36	32.67	27.08	20.76
V 67.5	30.35	29.08	28.39	28.56	28.85	29.09	29.03	28.35	26.95	24.70	21.53	17.40	13.26
V 70.0	16.86	16.97	17.46	18.19	18.69	18.95	18.96	18.52	17.35	15.45	13.00	10.56	8.15
V 72.5	9.62	10.00	10.44	10.82	11.10	11.24	11.25	10.96	10.14	8.82	7.24	6.02	4.97
V 75.0	5.58	5.77	5.89	5.98	6.00	5.98	5.97	5.82	5.36	4.68	4.05	3.53	3.08
V 77.5	3.37	3.35	3.32	3.28	3.21	3.13	3.07	2.97	2.81	2.58	2.35	2.16	2.00
V 80.0	2.13	2.08	2.02	1.96	1.89	1.83	1.76	1.70	1.63	1.55	1.47	1.40	1.33
V 82.5	1.35	1.32	1.29	1.25	1.21	1.18	1.14	1.10	1.07	1.04	1.00	0.96	0.93
V 85.0	0.93	0.91	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.79	0.77	0.75	0.73
V 87.5	0.72	0.72	0.71	0.71	0.71	0.70	0.70	0.69	0.68	0.67	0.66	0.65	0.64
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

Luminaire
Code 231333.120
Name CONTINENTAL AS HPI-T 2000W
Measurem.
Code CL2303/07-92A
Name CONTINENTAL AS MT2000W PHILIPS

Luminaire Flux	149535.92 lm	Luminaire Power	2000.00 W	Efficacy	74.77 lm/W	Efficiency	71.21%
Lamps Flux	210000.00 lm	Maximum value	483.64 cd/klm	Position	H=0.00 V=32.50	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	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.15	0.00
V-85.0	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.18	0.17	0.16	0.00
V-82.5	0.36	0.33	0.30	0.27	0.25	0.23	0.22	0.20	0.18	0.16	0.00
V-80.0	0.56	0.49	0.43	0.37	0.32	0.28	0.26	0.23	0.20	0.17	0.00
V-77.5	0.88	0.74	0.62	0.51	0.43	0.36	0.30	0.26	0.22	0.18	0.00
V-75.0	1.29	1.08	0.88	0.70	0.56	0.46	0.37	0.30	0.24	0.19	0.00
V-72.5	1.85	1.52	1.21	0.95	0.74	0.59	0.46	0.35	0.26	0.19	0.00
V-70.0	2.54	2.07	1.62	1.25	0.97	0.74	0.56	0.41	0.30	0.21	0.00
V-67.5	3.39	2.69	2.13	1.61	1.22	0.94	0.68	0.47	0.33	0.22	0.00
V-65.0	4.38	3.47	2.71	2.01	1.54	1.15	0.81	0.55	0.36	0.23	0.00
V-62.5	5.47	4.34	3.39	2.54	1.89	1.40	0.98	0.62	0.39	0.23	0.00
V-60.0	6.74	5.33	4.12	3.11	2.30	1.71	1.18	0.75	0.43	0.25	0.00
V-57.5	7.99	6.46	4.95	3.70	2.78	2.03	1.38	0.84	0.47	0.26	0.00
V-55.0	9.51	7.70	5.97	4.51	3.31	2.39	1.61	0.97	0.52	0.28	0.00
V-52.5	10.99	8.82	6.99	5.34	3.91	2.76	1.82	1.08	0.56	0.29	0.00
V-50.0	12.75	10.30	8.24	6.34	4.62	3.26	2.16	1.22	0.62	0.30	0.00
V-47.5	14.43	11.88	9.63	7.43	5.42	3.78	2.38	1.36	0.65	0.30	0.00
V-45.0	16.68	13.92	11.48	9.10	6.70	4.46	2.74	1.50	0.72	0.33	0.00
V-42.5	19.02	16.32	13.64	10.83	7.91	5.02	3.08	1.68	0.76	0.33	0.00
V-40.0	21.63	19.00	16.00	12.77	9.18	5.86	3.50	1.85	0.81	0.36	0.00
V-37.5	24.38	21.90	18.71	14.81	10.78	6.77	3.83	1.92	0.84	0.34	0.00
V-35.0	27.04	24.61	21.07	17.07	12.41	7.77	4.35	2.11	0.91	0.35	0.00
V-32.5	29.56	26.92	23.23	19.00	14.11	8.81	4.85	2.34	0.94	0.35	0.00
V-30.0	31.85	29.32	25.97	21.48	16.09	10.12	5.34	2.44	0.96	0.37	0.00
V-27.5	34.26	31.71	28.12	23.48	17.80	11.14	5.82	2.56	1.01	0.35	0.00
V-25.0	36.89	34.41	30.66	25.99	19.88	12.33	6.24	2.74	1.02	0.40	0.00
V-22.5	39.91	37.22	33.17	27.95	21.68	13.74	6.60	2.80	1.03	0.37	0.00
V-20.0	43.14	40.09	35.50	30.11	23.78	15.03	6.82	2.82	1.07	0.39	0.00
V-17.5	46.36	42.97	38.29	32.24	25.10	16.05	7.47	2.90	1.07	0.37	0.00
V-15.0	49.91	45.94	40.69	34.43	26.39	16.96	7.65	2.98	1.05	0.40	0.00
V-12.5	53.42	48.46	42.92	35.82	27.57	17.14	7.89	3.01	1.02	0.37	0.00
V-10.0	56.83	51.67	45.43	38.02	29.26	18.17	8.24	2.98	1.10	0.40	0.00
V -7.5	60.99	54.72	47.89	39.67	30.10	18.17	8.13	3.04	1.08	0.39	0.00
V -5.0	66.22	58.23	50.63	41.63	31.10	18.96	8.88	3.12	1.16	0.39	0.00
V -2.5	70.66	61.61	52.84	42.38	31.16	18.82	8.77	3.20	1.10	0.38	0.00
V 0.0	76.21	64.97	55.40	45.55	32.18	19.02	8.98	3.49	1.17	0.40	0.00
V 2.5	80.76	68.33	57.85	45.69	32.99	19.38	8.98	3.45	1.16	0.37	0.00
V 5.0	86.73	71.53	59.61	45.98	33.74	19.31	8.95	3.72	1.25	0.37	0.00
V 7.5	91.22	75.44	61.57	47.46	33.50	19.00	8.94	3.33	1.24	0.34	0.00
V 10.0	95.69	78.72	64.09	48.69	34.02	18.94	8.80	3.57	1.28	0.37	0.00
V 12.5	100.28	81.22	64.61	48.96	33.70	18.98	8.29	3.45	1.21	0.37	0.00
V 15.0	105.28	83.98	66.19	49.16	33.81	17.86	8.50	3.43	1.24	0.41	0.00
V 17.5	107.23	85.73	67.25	49.22	31.61	17.55	7.98	3.28	1.16	0.38	0.00
V 20.0	110.67	87.93	67.47	48.93	32.49	16.80	8.02	3.23	1.19	0.39	0.00
V 22.5	111.78	87.34	66.67	47.94	31.20	16.32	7.82	3.12	1.15	0.39	0.00
V 25.0	112.59	87.14	68.31	46.41	30.71	15.37	7.23	3.07	1.12	0.38	0.00
V 27.5	110.93	85.58	65.88	44.20	28.74	14.70	6.98	2.80	1.07	0.36	0.00
V 30.0	108.58	83.93	63.56	43.75	26.82	13.74	6.51	2.75	1.02	0.37	0.00
V 32.5	105.55	82.16	61.27	41.54	24.93	12.70	6.19	2.61	0.96	0.35	0.00
V 35.0	101.50	78.49	58.54	38.36	23.40	12.07	5.73	2.49	0.98	0.35	0.00
V 37.5	95.70	74.13	55.40	35.11	20.89	10.87	5.59	2.31	0.89	0.36	0.00
V 40.0	89.17	70.20	51.29	32.65	19.21	10.06	4.76	2.13	0.90	0.36	0.00
V 42.5	83.10	64.97	46.39	28.53	16.72	8.69	4.36	2.01	0.82	0.37	0.00
V 45.0	76.36	59.26	41.19	25.87	14.93	7.86	4.11	1.89	0.80	0.37	0.00
V 47.5	69.42	52.86	35.43	22.20	13.06	7.03	3.57	1.67	0.74	0.37	0.00
V 50.0	61.09	45.18	30.92	19.28	11.62	6.19	3.14	1.58	0.69	0.38	0.00
V 52.5	53.79	38.52	25.23	16.00	9.56	5.43	2.81	1.41	0.67	0.37	0.00
V 55.0	45.02	31.69	20.48	13.31	8.04	4.50	2.52	1.25	0.63	0.38	0.00
V 57.5	36.58	24.73	15.93	10.39	6.65	3.95	2.12	1.16	0.59	0.38	0.00
V 60.0	28.50	18.85	12.49	8.49	5.54	3.31	1.89	1.02	0.56	0.38	0.00
V 62.5	20.26	13.87	9.32	6.43	4.41	2.70	1.59	0.90	0.54	0.39	0.00
V 65.0	14.46	9.64	7.03	5.08	3.57	2.31	1.38	0.81	0.51	0.39	0.00
V 67.5	9.46	6.84	5.12	3.88	2.77	1.79	1.13	0.71	0.49	0.40	0.00
V 70.0	6.34	4.86	3.84	2.97	2.16	1.45	0.97	0.66	0.48	0.41	0.00
V 72.5	4.11	3.39	2.79	2.31	1.60	1.17	0.82	0.60	0.47	0.42	0.00
V 75.0	2.73	2.37	2.01	1.63	1.28	0.95	0.71	0.56	0.47	0.44	0.00
V 77.5	1.83	1.63	1.41	1.20	0.97	0.78	0.63	0.53	0.47	0.46	0.00
V 80.0	1.24	1.15	1.02	0.90	0.78	0.68	0.58	0.53	0.49	0.48	0.00
V 82.5	0.89	0.84	0.78	0.72	0.66	0.61	0.57	0.54	0.52	0.51	0.00
V 85.0	0.71	0.68	0.66	0.63	0.61	0.59	0.58	0.56	0.55	0.55	0.00
V 87.5	0.64	0.62	0.62	0.61	0.60	0.60	0.60	0.59	0.59	0.58	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