

Luminaire

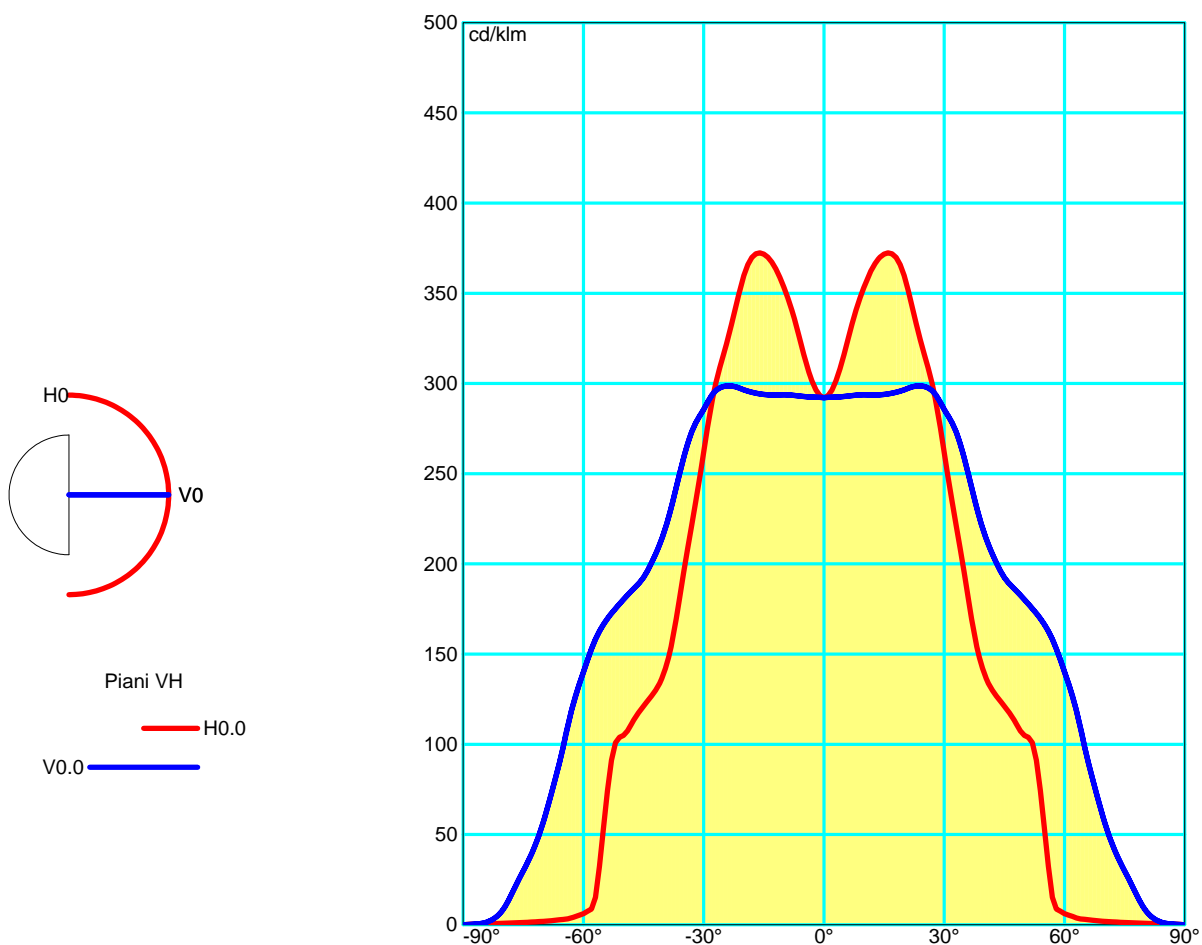
Code 230233.121
Name CONTINENTAL SM HQI-T 2000W D/I

Measurerm.

Code CL2303/07-84A
Name CONTINENTAL SM MT2000W OSRAM

Luminaire Flux	133463.74 lm	Luminaire Power	2000.00 W	Efficacy	66.73 lm/W	Efficiency	74.15%
Lamps Flux	180000.00 lm	Maximum value	371.92 cd/klm	Position	H=25.00 V=-15.00	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 270°	0.000000 m2	Emitting area on Plane 90°	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	180000.00 lm				
Operator		Source Voltage [V]					
Temperature		Source current [A]					
Humidity		Photocell					
Notes							

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS MD,MT,ME,MC	HQI-T 2000/D/I	POWERSTAR® HQI-T 2000/D/I E40	180000.00	2000.00	1



Luminaire

Code 230233.121
Name CONTINENTAL SM HQI-T 2000W D/I

Measurerm.

Code CL2303/07-84A
Name CONTINENTAL SM MT2000W OSRAM

Luminaire Flux	133463.74 lm			Luminaire Power		2000.00 W		Efficacy		66.73 lm/W		Efficiency		74.15%	
Lamps Flux	180000.00 lm			Maximum value		371.92 cd/klm		Position		H=25.00 V=-15.00		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	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.42
V-85.0	0.47	0.47	0.47	0.47	0.48	0.48	0.49	0.49	0.50	0.51	0.51	0.52	0.53	0.53	0.53
V-82.5	0.64	0.64	0.64	0.64	0.65	0.65	0.66	0.67	0.67	0.68	0.69	0.70	0.71	0.71	0.71
V-80.0	0.79	0.79	0.79	0.80	0.81	0.82	0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.93	0.93
V-77.5	0.98	0.98	0.99	1.00	1.01	1.02	1.04	1.06	1.08	1.10	1.13	1.16	1.19	1.19	1.19
V-75.0	1.23	1.23	1.23	1.25	1.26	1.28	1.30	1.32	1.35	1.38	1.41	1.46	1.50	1.50	1.50
V-72.5	1.52	1.52	1.53	1.55	1.57	1.59	1.62	1.64	1.68	1.72	1.76	1.81	1.87	1.87	1.87
V-70.0	1.87	1.87	1.89	1.91	1.93	1.96	1.99	2.02	2.06	2.11	2.17	2.23	2.31	2.31	2.31
V-67.5	2.32	2.33	2.35	2.38	2.41	2.44	2.47	2.50	2.55	2.62	2.70	2.78	2.88	2.88	2.88
V-65.0	2.96	2.97	3.00	3.03	3.07	3.10	3.13	3.17	3.22	3.30	3.41	3.53	3.67	3.67	3.67
V-62.5	4.19	4.19	4.22	4.25	4.26	4.25	4.25	4.26	4.29	4.37	4.49	4.65	4.83	4.83	4.83
V-60.0	6.09	6.10	6.14	6.19	6.20	6.18	6.13	6.07	6.03	6.07	6.20	6.40	6.60	6.60	6.60
V-57.5	9.37	9.39	9.48	9.56	9.58	9.52	9.39	9.25	9.18	9.20	9.35	9.63	9.93	9.93	9.93
V-55.0	53.58	53.51	53.54	53.36	53.13	52.47	51.50	50.85	50.13	49.14	46.97	44.63	43.14	43.14	43.14
V-52.5	97.04	96.92	96.75	96.50	96.08	95.44	94.51	93.55	92.50	91.38	89.09	85.62	82.30	82.30	82.30
V-50.0	104.90	104.80	104.71	104.32	103.63	102.84	101.71	100.60	99.50	98.40	96.92	93.96	91.37	91.37	91.37
V-47.5	113.16	113.11	113.03	112.63	111.91	110.97	109.74	108.38	107.11	105.78	104.43	103.20	102.14	102.14	102.14
V-45.0	121.14	121.13	121.10	120.81	120.32	119.45	118.46	117.20	115.75	114.36	113.29	112.24	111.31	111.31	111.31
V-42.5	128.29	128.29	128.32	128.12	127.72	127.06	126.23	125.27	124.19	123.18	122.27	121.38	120.42	120.42	120.42
V-40.0	139.05	139.13	139.29	139.30	139.25	139.00	138.51	138.17	137.51	136.91	136.10	134.99	133.75	133.75	133.75
V-37.5	161.31	161.41	161.43	161.51	161.49	161.50	161.19	160.83	160.61	160.00	158.88	156.88	154.45	154.45	154.45
V-35.0	195.24	195.10	194.78	194.34	193.87	193.43	192.61	191.90	191.44	190.55	188.43	185.34	180.54	180.54	180.54
V-32.5	227.72	227.73	227.56	227.21	226.75	226.09	225.16	224.18	223.65	223.05	220.45	216.12	209.69	209.69	209.69
V-30.0	261.85	262.03	262.27	262.03	261.27	260.27	258.93	257.53	256.65	255.52	252.78	247.27	239.62	239.62	239.62
V-27.5	294.78	294.77	294.83	294.16	292.73	291.29	289.85	288.51	287.73	286.86	284.26	278.63	269.19	269.19	269.19
V-25.0	316.30	316.07	315.84	315.35	314.17	313.19	312.48	311.79	311.59	311.15	308.59	302.38	292.75	292.75	292.75
V-22.5	337.76	337.47	336.86	336.16	335.40	334.52	334.29	334.04	334.31	334.94	333.13	326.47	314.97	314.97	314.97
V-20.0	359.78	358.91	357.80	356.97	356.15	355.55	355.54	355.41	356.25	357.47	356.48	348.41	335.60	335.60	335.60
V-17.5	371.07	370.32	369.08	368.14	367.12	366.56	366.51	367.14	368.47	370.67	370.45	363.31	349.81	349.81	349.81
V-15.0	371.73	371.18	370.09	369.19	368.24	367.39	366.88	367.48	369.22	371.73	371.92	365.23	350.19	350.19	350.19
V-12.5	365.54	364.69	363.54	362.15	361.05	360.22	359.99	360.46	362.43	365.49	366.12	359.63	345.49	345.49	345.49
V-10.0	353.40	352.94	352.25	351.35	350.24	349.51	349.26	350.05	351.75	354.38	354.99	348.39	335.56	335.56	335.56
V -7.5	336.88	336.52	336.12	335.60	334.81	334.49	334.24	334.83	336.55	338.72	339.23	333.72	321.06	321.06	321.06
V -5.0	316.03	315.88	315.78	315.87	315.29	315.42	315.55	316.33	317.91	319.46	319.74	315.20	305.07	305.07	305.07
V -2.5	298.73	298.85	299.14	299.63	299.51	299.88	299.77	300.83	302.16	304.04	304.56	300.65	291.69	291.69	291.69
V 0.0	292.11	292.45	292.68	293.53	293.67	293.59	293.90	294.90	296.49	298.42	298.31	294.87	285.67	285.67	285.67
V 2.5	298.73	298.85	299.14	299.63	299.51	299.88	299.77	300.83	302.16	304.04	304.56	300.65	291.69	291.69	291.69
V 5.0	316.03	315.88	315.78	315.87	315.29	315.42	315.55	316.33	317.91	319.46	319.74	315.20	305.07	305.07	305.07
V 7.5	336.88	336.52	336.12	335.60	334.81	334.49	334.24	334.83	336.55	338.72	339.23	333.72	321.06	321.06	321.06
V 10.0	353.40	352.94	352.25	351.35	350.24	349.51	349.26	350.05	351.75	354.38	354.99	348.39	335.56	335.56	335.56
V 12.5	365.54	364.69	363.54	362.15	361.05	360.22	359.99	360.46	362.43	365.49	366.12	359.63	345.49	345.49	345.49
V 15.0	371.73	371.18	370.09	369.19	368.24	367.39	366.88	367.48	369.22	371.73	371.92	365.23	350.19	350.19	350.19
V 17.5	371.07	370.32	369.08	368.14	367.12	366.56	366.51	367.14	368.47	370.67	370.45	363.31	349.81	349.81	349.81
V 20.0	359.78	358.91	357.80	356.97	356.15	355.55	355.54	355.41	356.25	357.47	356.48	348.41	335.60	335.60	335.60
V 22.5	337.76	337.47	336.86	336.16	335.40	334.52	334.29	334.04	334.31	334.94	333.13	326.47	314.97	314.97	314.97
V 25.0	316.30	316.07	315.84	315.35	314.17	313.19	312.48	311.79	311.59	311.15	308.59	302.38	292.75	292.75	292.75
V 27.5	294.78	294.77	294.83	294.16	292.73	291.29	289.85	288.51	287.73	286.86	284.26	278.63	269.19	269.19	269.19
V 30.0	261.85	262.03	262.27	262.03	261.27	260.27	258.93	257.53	256.65	255.52	252.78	247.27	239.62	239.62	239.62
V 32.5	227.72	227.73	227.56	227.21	226.75	226.09	225.16	224.18	223.65	223.05	220.45	216.12	209.69	209.69	209.69
V 35.0	195.24	195.10	194.78	194.34	193.87	193.43	192.61	191.90	191.44	190.55	188.43	185.34	180.54	180.54	180.54
V 37.5	161.31	161.41	161.43	161.51	161.49	161.50	161.19	160.83	160.61	160.00	158.88	156.88	154.45	154.45	154.45
V 40.0	139.05	139.13	139.29	139.30	139.25	139.00	138.51	138.17	137.51	136.91	136.10	134.99	133.75	133.75	133.75
V 42.5	128.29	128.29	128.32	128.12	127.72	127.06	126.23	125.27	124.19	123.18	122.27	121.38	120.42	120.42	120.42
V 45.0	121.14	121.13	121.10	120.81	120.32	119.45	118.46	117.20	115.75	114.36	113.29	112.24	111.31	111.31	111.31
V 47.5	113.16	113.11	113.03	112.63	111.91	110.97	109.74	108.38	107.11	105.78	104.43	103.20	102.14	102.14	102.14
V 50.0	104.90	104.80	104.71	104.32	103.63	102.84	101.71	100.60	99.50	98.40	96.92	93.96	91.37	91.37	91.37
V 52.5	97.04	96.92	96.75	96.50	96.08	95.44	94.51	93.55	92.50	91.38	89.09	85.62	82.30	82.30	82.30
V 55.0	53.58	53.51	53.54	53.36	53.13	52.47	51.50	50.85	50.13	49.14	46.97	44.63	43.14	43.14	43.14
V 57.5	9.37	9.39	9.48	9.56	9.58	9.52	9.39	9.25	9.18	9.20	9.35	9.63	9.93	9.93	9.93
V 60.0	6.09	6.10	6.14	6.19	6.20	6.18	6.13	6.07	6.03	6.07	6.20	6.40	6.60	6.60	6.60
V 62.5	4.19	4.19	4.22	4.25	4.26	4.25	4.25	4.26	4.29	4.37	4.49	4.65	4.83	4.83	4.83
V 65.0	2.96	2.97	3.00	3.03	3.07	3.10	3.13	3.17	3.22	3.30	3.41	3.53	3.67	3.67	3.67
V 67.5	2.32	2.33	2.35	2.38	2.41	2.44	2.47	2.50	2.55	2.62	2.70	2.78	2.88	2.88	2.88
V 70.0	1.87	1.87	1.89	1.91	1.93	1.96	1								

Luminaire

Code 230233.121
Name CONTINENTAL SM HQI-T 2000W D/I

Measurum.

Code CL2303/07-84A
Name CONTINENTAL SM MT2000W OSRAM

Luminaire Flux		133463.74 lm		Luminaire Power		2000.00 W		Efficacy		66.73 lm/W		Efficiency		74.15%	
Lamps Flux		180000.00 lm		Maximum value		371.92 cd/klm		Position		H=25.00 V=-15.00		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	0.43	0.43	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.44	0.44	0.44	0.44	0.44
V-85.0	0.53	0.54	0.54	0.55	0.55	0.55	0.55	0.55	0.54	0.53	0.52	0.52	0.51	0.51	0.51
V-82.5	0.72	0.73	0.74	0.74	0.74	0.75	0.74	0.74	0.72	0.71	0.69	0.67	0.65	0.65	0.65
V-80.0	0.95	0.97	0.98	1.00	1.01	1.02	1.02	1.02	1.00	0.98	0.95	0.92	0.87	0.87	0.87
V-77.5	1.22	1.25	1.28	1.31	1.33	1.36	1.37	1.38	1.37	1.35	1.32	1.27	1.21	1.21	1.21
V-75.0	1.54	1.59	1.63	1.68	1.72	1.76	1.80	1.82	1.82	1.82	1.78	1.73	1.65	1.65	1.65
V-72.5	1.93	1.99	2.06	2.13	2.19	2.26	2.32	2.38	2.42	2.43	2.40	2.35	2.25	2.25	2.25
V-70.0	2.39	2.47	2.56	2.66	2.77	2.87	2.98	3.09	3.18	3.22	3.23	3.17	3.05	3.05	3.05
V-67.5	2.99	3.12	3.25	3.40	3.58	3.76	3.98	4.19	4.35	4.45	4.49	4.44	4.24	4.24	4.24
V-65.0	3.82	3.99	4.20	4.46	4.79	5.16	5.55	5.93	6.25	6.45	6.52	6.33	5.98	5.98	5.98
V-62.5	5.05	5.34	5.71	6.16	6.74	7.39	8.12	8.84	9.33	9.49	9.40	9.06	8.49	8.49	8.49
V-60.0	6.94	7.41	8.04	8.86	9.86	11.03	12.18	13.13	13.68	13.88	13.69	13.10	12.23	12.23	12.23
V-57.5	10.40	11.15	12.18	13.64	15.26	16.75	18.15	19.19	19.68	19.78	19.41	18.38	16.91	16.91	16.91
V-55.0	41.93	37.98	34.84	35.65	35.40	32.03	30.30	28.58	27.14	27.06	26.32	24.62	22.30	22.30	22.30
V-52.5	80.39	73.28	64.28	59.18	56.21	49.33	43.16	40.08	35.57	34.53	33.35	31.01	27.70	27.70	27.70
V-50.0	89.80	87.39	79.41	72.23	69.38	63.42	54.80	50.28	46.42	42.41	40.68	37.54	33.07	33.07	33.07
V-47.5	101.46	100.65	96.65	90.84	86.30	80.00	70.76	62.60	56.61	50.92	47.46	43.70	38.35	38.35	38.35
V-45.0	110.35	109.89	107.63	102.96	97.95	93.09	84.82	75.28	67.83	60.53	54.76	50.16	43.98	43.98	43.98
V-42.5	119.46	119.04	118.35	114.30	108.57	103.81	97.72	87.97	78.68	70.91	63.18	57.45	50.48	50.48	50.48
V-40.0	132.13	130.72	129.35	125.38	120.07	114.60	109.81	101.70	91.81	83.16	74.24	65.85	57.54	57.54	57.54
V-37.5	150.97	147.38	143.91	139.55	133.25	127.12	121.99	115.59	105.55	95.72	86.14	75.75	65.56	65.56	65.56
V-35.0	175.11	168.72	162.15	155.89	148.27	141.12	135.25	129.66	120.36	109.76	99.30	87.24	74.29	74.29	74.29
V-32.5	201.91	192.38	182.14	173.03	163.99	155.20	148.35	142.54	134.13	122.70	111.36	97.69	82.17	82.17	82.17
V-30.0	228.81	217.01	203.89	191.93	181.12	169.77	161.71	154.83	147.34	135.37	122.25	108.42	90.18	90.18	90.18
V-27.5	257.07	242.81	225.75	209.48	196.21	183.69	173.46	165.77	158.20	145.78	131.89	116.85	97.31	97.31	97.31
V-25.0	279.11	262.34	242.84	224.47	209.81	195.78	184.26	175.37	167.09	155.31	140.23	124.27	104.55	104.55	104.55
V-22.5	300.83	281.03	257.30	235.52	219.32	204.38	192.46	182.64	173.98	162.38	146.46	130.03	110.65	110.65	110.65
V-20.0	320.34	298.00	270.11	245.49	227.21	211.54	198.33	188.59	178.77	168.21	152.18	135.82	115.26	115.26	115.26
V-17.5	333.39	309.55	279.02	251.07	230.94	215.25	201.67	191.24	181.67	171.88	155.89	137.85	118.39	118.39	118.39
V-15.0	334.90	310.85	280.53	252.29	229.96	215.16	202.06	192.28	182.77	173.02	157.80	140.76	121.25	121.25	121.25
V-12.5	329.10	306.06	275.69	246.83	225.04	211.41	200.43	190.71	181.39	172.35	157.38	140.41	121.88	121.88	121.88
V-10.0	319.10	297.09	267.37	241.00	219.57	207.56	196.84	188.49	180.26	171.47	158.07	142.10	122.15	122.15	122.15
V -7.5	306.69	285.19	258.47	231.90	213.26	201.27	193.06	185.74	178.07	169.45	157.09	140.46	122.31	122.31	122.31
V -5.0	291.81	273.10	247.93	224.77	207.54	197.33	189.82	182.94	175.95	167.95	156.57	140.58	122.45	122.45	122.45
V -2.5	280.17	262.58	240.15	218.32	203.59	193.96	187.31	181.01	174.02	166.56	155.80	140.17	122.22	122.22	122.22
V 0.0	275.80	258.88	236.40	216.82	202.95	192.39	186.18	180.26	173.95	166.42	155.70	140.02	122.87	122.87	122.87
V 2.5	280.17	262.58	240.15	218.32	203.59	193.96	187.31	181.01	174.02	166.56	155.80	140.17	122.22	122.22	122.22
V 5.0	291.81	273.10	247.93	224.77	207.54	197.33	189.82	182.94	175.95	167.95	156.57	140.58	122.45	122.45	122.45
V 7.5	306.69	285.19	258.47	231.90	213.26	201.27	193.06	185.74	178.07	169.45	157.09	140.46	122.31	122.31	122.31
V 10.0	319.10	297.09	267.37	241.00	219.57	207.56	196.84	188.49	180.26	171.47	158.07	142.10	122.15	122.15	122.15
V 12.5	329.10	306.06	275.69	246.83	225.04	211.41	200.43	190.71	181.39	172.35	157.38	140.41	121.88	121.88	121.88
V 15.0	334.90	310.85	280.53	252.29	229.96	215.16	202.06	192.28	182.77	173.02	157.80	140.76	121.25	121.25	121.25
V 17.5	333.39	309.55	279.02	251.07	230.94	215.25	201.67	191.24	181.67	171.88	155.89	137.85	118.39	118.39	118.39
V 20.0	320.34	298.00	270.11	245.49	227.21	211.54	198.33	188.59	178.77	168.21	152.18	135.82	115.26	115.26	115.26
V 22.5	300.83	281.03	257.30	235.52	219.32	204.38	192.46	182.64	173.98	162.38	146.46	130.03	110.65	110.65	110.65
V 25.0	279.11	262.34	242.84	224.47	209.81	195.78	184.26	175.37	167.09	155.31	140.23	124.27	104.55	104.55	104.55
V 27.5	257.07	242.81	225.75	209.48	196.21	183.69	173.46	165.77	158.20	145.78	131.89	116.85	97.31	97.31	97.31
V 30.0	228.81	217.01	203.89	191.93	181.12	169.77	161.71	154.83	147.34	135.37	122.25	108.42	90.18	90.18	90.18
V 32.5	201.91	192.38	182.14	173.03	163.99	155.20	148.35	142.54	134.13	122.70	111.36	97.69	82.17	82.17	82.17
V 35.0	175.11	168.72	162.15	155.89	148.27	141.12	135.25	129.66	120.36	109.76	99.30	87.24	74.29	74.29	74.29
V 37.5	150.97	147.38	143.91	139.55	133.25	127.12	121.99	115.59	105.55	95.72	86.14	75.75	65.56	65.56	65.56
V 40.0	132.13	130.72	129.35	125.38	120.07	114.60	109.81	101.70	91.81	83.16	74.24	65.85	57.54	57.54	57.54
V 42.5	119.46	119.04	118.35	114.30	108.57	103.81	97.72	87.97	78.68	70.91	63.18	57.45	50.48	50.48	50.48
V 45.0	110.35	109.89	107.63	102.96	97.95	93.09	84.82	75.28	67.83	60.53	54.76	50.16	43.98	43.98	43.98
V 47.5	101.46	100.65	96.65	90.84	86.30	80.00	70.76	62.60	56.61	50.92	47.46	43.70	38.35	38.35	38.35
V 50.0	89.80	87.39	79.41	72.23	69.38	63.42	54.80	50.28	46.42	42.41	40.68	37.54	33.07	33.07	33.07
V 52.5	80.39	73.28	64.28	59.18	56.21	49.33	43.16	40.08	35.57	34.53	33.35	31.01	27.70	27.70	27.70
V 55.0	41.93	37.98	34.84	35.65	35.40	32.03	30.30	28.58	27.14	27.06	26.32	24.62	22.30	22.30	22.30
V 57.5	10.40	11.15	12.18	13.64	15.26	16.75	18.15	19.19	19.68	19.78	19.41	18.38	16.91	16.91	16.91
V 60.0	6.94	7.41	8.04	8.86	9.86	11.03	12.18	13.13	13.68	13.88	13.69	13.10	12.23	12.23	12.23
V 62.5	5.05	5.34	5.71	6.16	6.74	7.39	8.12	8.84	9.33	9.49	9.40	9.06	8.49	8.49	8.49
V 65.0	3.82	3.99	4.20	4.46	4.79	5.16	5.55	5.93	6.25	6.45	6.52	6.33	5.98	5.98	5.98
V 67.5	2.99	3.12	3.25	3.40	3.58	3.76	3.98	4.19	4.35	4.45	4.49	4.44	4.24	4.24	4.24
V 70.0	2.39	2.47	2.56	2.66	2.77	2.87	2.98	3.09	3.18	3.22	3.23	3.17	3.05	3.05	3.05
V 72.5	1.93	1.99	2.06	2.1											

Luminaire

Code 230233.121

Name CONTINENTAL SM HQI-T 2000W D/I

Measur.

Code CL2303/07-84A

Name CONTINENTAL SM MT2000W OSRAM

Luminaire Flux	133463.74 lm	Luminaire Power	2000.00 W	Efficacy	66.73 lm/W	Efficiency	74.15%
Lamps Flux	180000.00 lm	Maximum value	371.92 cd/klm	Position	H=25.00 V=-15.00	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	0.44	0.44	0.44	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.00
V-85.0	0.50	0.49	0.48	0.47	0.47	0.47	0.47	0.48	0.49	0.50	0.00
V-82.5	0.62	0.59	0.56	0.54	0.52	0.50	0.49	0.49	0.49	0.49	0.00
V-80.0	0.82	0.77	0.71	0.65	0.60	0.56	0.53	0.51	0.50	0.49	0.00
V-77.5	1.13	1.03	0.93	0.83	0.74	0.65	0.58	0.53	0.50	0.49	0.00
V-75.0	1.54	1.41	1.25	1.08	0.92	0.77	0.65	0.57	0.52	0.49	0.00
V-72.5	2.12	1.92	1.69	1.43	1.16	0.94	0.75	0.62	0.53	0.48	0.00
V-70.0	2.86	2.60	2.24	1.86	1.46	1.13	0.87	0.67	0.54	0.48	0.00
V-67.5	3.95	3.56	3.03	2.42	1.87	1.38	1.01	0.74	0.56	0.48	0.00
V-65.0	5.52	4.90	4.08	3.14	2.33	1.68	1.18	0.81	0.58	0.48	0.00
V-62.5	7.75	6.79	5.48	4.09	2.90	2.05	1.37	0.91	0.61	0.47	0.00
V-60.0	10.95	9.28	7.34	5.33	3.62	2.41	1.59	1.01	0.64	0.47	0.00
V-57.5	14.83	12.39	9.62	6.73	4.49	2.90	1.82	1.10	0.67	0.46	0.00
V-55.0	19.20	15.86	12.27	8.34	5.46	3.43	2.05	1.22	0.69	0.45	0.00
V-52.5	23.76	19.53	15.05	10.43	6.65	3.99	2.36	1.34	0.73	0.43	0.00
V-50.0	28.09	23.19	18.01	12.38	7.86	4.60	2.66	1.42	0.75	0.42	0.00
V-47.5	32.47	26.63	20.97	14.76	9.37	5.44	2.99	1.58	0.77	0.41	0.00
V-45.0	37.17	30.19	23.93	17.07	10.87	6.25	3.34	1.69	0.79	0.40	0.00
V-42.5	42.16	34.03	26.54	19.41	12.50	7.13	3.71	1.84	0.84	0.39	0.00
V-40.0	47.51	37.53	28.89	21.47	14.03	8.06	4.06	1.98	0.86	0.37	0.00
V-37.5	53.17	41.36	32.03	23.53	16.03	9.24	4.51	2.15	0.89	0.37	0.00
V-35.0	59.57	45.69	34.40	25.52	17.31	10.09	4.94	2.25	0.91	0.35	0.00
V-32.5	65.86	49.93	37.26	27.93	19.42	11.03	5.35	2.33	0.94	0.36	0.00
V-30.0	72.20	54.13	39.83	29.46	20.52	11.92	5.78	2.51	0.92	0.34	0.00
V-27.5	78.62	58.89	43.04	31.49	22.16	13.16	6.23	2.63	0.98	0.35	0.00
V-25.0	83.22	62.16	45.24	33.04	23.27	14.05	6.51	2.68	0.97	0.34	0.00
V-22.5	88.36	66.18	48.21	35.12	25.00	14.92	7.02	2.77	0.99	0.36	0.00
V-20.0	91.47	69.27	49.84	36.18	26.04	15.52	7.05	2.78	0.94	0.33	0.00
V-17.5	94.05	71.98	51.85	37.76	26.87	16.47	7.78	2.91	1.04	0.33	0.00
V-15.0	96.32	73.28	53.02	38.64	27.71	16.84	7.85	2.91	1.06	0.30	0.00
V-12.5	98.03	75.51	54.69	39.83	28.18	17.49	8.21	2.97	1.03	0.30	0.00
V-10.0	98.09	76.45	55.57	40.54	29.12	17.81	8.40	2.95	0.97	0.27	0.00
V -7.5	98.58	76.53	56.84	41.10	29.33	18.14	8.70	3.06	1.02	0.31	0.00
V -5.0	98.85	76.84	56.16	41.17	29.82	18.75	8.58	3.06	0.94	0.27	0.00
V -2.5	99.78	77.53	56.89	41.99	30.21	18.65	9.11	3.16	0.90	0.29	0.00
V 0.0	98.69	76.70	57.01	41.35	29.99	18.82	8.57	3.10	0.86	0.26	0.00
V 2.5	99.78	77.53	56.89	41.99	30.21	18.65	9.11	3.16	0.90	0.29	0.00
V 5.0	98.85	76.84	56.16	41.17	29.82	18.75	8.58	3.06	0.94	0.27	0.00
V 7.5	98.58	76.53	56.84	41.10	29.33	18.14	8.70	3.06	1.02	0.31	0.00
V 10.0	98.09	76.45	55.57	40.54	29.12	17.81	8.40	2.95	0.97	0.27	0.00
V 12.5	98.03	75.51	54.69	39.83	28.18	17.49	8.21	2.97	1.03	0.30	0.00
V 15.0	96.32	73.28	53.02	38.64	27.71	16.84	7.85	2.91	1.06	0.30	0.00
V 17.5	94.05	71.98	51.85	37.76	26.87	16.47	7.78	2.91	1.04	0.33	0.00
V 20.0	91.47	69.27	49.84	36.18	26.04	15.52	7.05	2.78	0.94	0.33	0.00
V 22.5	88.36	66.18	48.21	35.12	25.00	14.92	7.02	2.77	0.99	0.36	0.00
V 25.0	83.22	62.16	45.24	33.04	23.27	14.05	6.51	2.68	0.97	0.34	0.00
V 27.5	78.62	58.89	43.04	31.49	22.16	13.16	6.23	2.63	0.98	0.35	0.00
V 30.0	72.20	54.13	39.83	29.46	20.52	11.92	5.78	2.51	0.92	0.34	0.00
V 32.5	65.86	49.93	37.26	27.93	19.42	11.03	5.35	2.33	0.94	0.36	0.00
V 35.0	59.57	45.69	34.40	25.52	17.31	10.09	4.94	2.25	0.91	0.35	0.00
V 37.5	53.17	41.36	32.03	23.53	16.03	9.24	4.51	2.15	0.89	0.37	0.00
V 40.0	47.51	37.53	28.89	21.47	14.03	8.06	4.06	1.98	0.86	0.37	0.00
V 42.5	42.16	34.03	26.54	19.41	12.50	7.13	3.71	1.84	0.84	0.39	0.00
V 45.0	37.17	30.19	23.93	17.07	10.87	6.25	3.34	1.69	0.79	0.40	0.00
V 47.5	32.47	26.63	20.97	14.76	9.37	5.44	2.99	1.58	0.77	0.41	0.00
V 50.0	28.09	23.19	18.01	12.38	7.86	4.60	2.66	1.42	0.75	0.42	0.00
V 52.5	23.76	19.53	15.05	10.43	6.65	3.99	2.36	1.34	0.73	0.43	0.00
V 55.0	19.20	15.86	12.27	8.34	5.46	3.43	2.05	1.22	0.69	0.45	0.00
V 57.5	14.83	12.39	9.62	6.73	4.49	2.90	1.82	1.10	0.67	0.46	0.00
V 60.0	10.95	9.28	7.34	5.33	3.62	2.41	1.59	1.01	0.64	0.47	0.00
V 62.5	7.75	6.79	5.48	4.09	2.90	2.05	1.37	0.91	0.61	0.47	0.00
V 65.0	5.52	4.90	4.08	3.14	2.33	1.68	1.18	0.81	0.58	0.48	0.00
V 67.5	3.95	3.56	3.03	2.42	1.87	1.38	1.01	0.74	0.56	0.48	0.00
V 70.0	2.86	2.60	2.24	1.86	1.46	1.13	0.87	0.67	0.54	0.48	0.00
V 72.5	2.12	1.92	1.69	1.43	1.16	0.94	0.75	0.62	0.53	0.48	0.00
V 75.0	1.54	1.41	1.25	1.08	0.92	0.77	0.65	0.57	0.52	0.49	0.00
V 77.5	1.13	1.03	0.93	0.83	0.74	0.65	0.58	0.53	0.50	0.49	0.00
V 80.0	0.82	0.77	0.71	0.65	0.60	0.56	0.53	0.51	0.50	0.49	0.00
V 82.5	0.62	0.59	0.56	0.54	0.52	0.50	0.49	0.49	0.49	0.49	0.00
V 85.0	0.50	0.49	0.48	0.47	0.47	0.47	0.47	0.48	0.49	0.50	0.00
V 87.5	0.44	0.44	0.44	0.44	0.45	0.46	0.47	0.48	0.49	0.50	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