

220 V 50 Hz – OM ballasts

Lamp			Ballast		Electrical								Thermal	Physical			
wattage	voltage	current	type	article number	loss hot	input power	lamp current	lamp start current	circuit PF	line current	line start current	capacitor	Δt	stack	length	mtg centres	weight
W	V	A			W	W	A	A	cos φ	A@0.9PF	A@0.9PF	μF 0.9PF		mm	mm	mm	kg
High-pressure mercury vapour																	
40	90	0.53	OMB40-01		8.0	48.0	0.53	0.66	0.41	0.24	0.32	6	65	30	65	51	0.8
50	95	0.61	OMB50-04		8.5	58.5	0.61	0.80	0.44	0.30	0.41	7	60	30	65	51	0.8
80	115	0.80	OMB80-06	89001036	9.0	89.0	0.80	1.10	0.51	0.45	0.65	8	65	35	70	56	1.0
80	115	0.80	OMB80-11		13.0	93.0	0.80	1.15	0.53	0.47	0.71	7	70	30	70	56	0.9
100	130	0.85	OMB100-01		8.5	108.5	0.85	1.35	0.58	0.55	0.91	7	45	55	90	76	1.3
100	130	0.85	OMB100-03		11.5	111.5	0.85	1.50	0.60	0.56	1.04	7	65	40	90	76	1.2
100	115	1.00	OMB100A-06		11.5	111.5	1.00	1.36	0.51	0.56	0.80	9	65	55	90	76	1.3
125	125	1.15	OMB125-06	89000981	11.5	136.5	1.15	1.66	0.54	0.69	1.04	10	55	55	90	76	1.3
125	125	1.15	OMB125-10		14.5	139.5	1.15	1.91	0.55	0.70	1.23	10	70	40	90	76	1.2
175	130	1.50	OMB175-01		14.5	189.5	1.50	2.48	0.57	0.96	1.66	12	65	75	110	96	1.7
175	130	1.50	OMB175-09		17.5	192.5	1.50	2.56	0.58	0.97	1.74	12	70	55	110	96	1.6
250	130	2.13	OMB250-02		19.5	269.5	2.13	3.25	0.58	1.36	2.18	18	65	105	140	126	2.4
250	130	2.13	OMB250-04		21.0	271.0	2.13	3.50	0.58	1.37	2.36	18	70	85	140	126	2.1
250	130	2.13	OMB250-06		22.0	272.0	2.13	3.60	0.58	1.37	2.44	18	75	75	140	126	1.8
400	135	3.25	OMB400-01		31.0	431.0	3.25	5.64	0.60	2.18	3.97	25	75	120	180	166	2.9
Metal-halide																	
35	85	0.53	OMS35-01	89001137	8.0	43.0	0.53	0.65	0.37	0.22	0.28	6	55	30	65	51	0.8
35	85	0.53	OMS35-03 (TH) ^①		8.0	43.0	0.53	0.65	0.37	0.22	0.28	6	55	30	65	51	0.8
50	95	0.61	OMB50-04		8.5	58.5	0.61	0.80	0.44	0.30	0.41	7	60	30	65	51	0.8
70	90	1.00	OMS70A-04		13.0	83.0	1.00	1.16	0.38	0.42	0.51	11	60	55	90	76	1.3
70	90	1.00	OMS70A-08 (TH) ^①		13.0	83.0	1.00	1.16	0.38	0.42	0.51	11	60	55	90	76	1.3
70	90	1.00	OMS70A-16	89001172	15.0	85.0	1.00	1.29	0.39	0.43	0.58	11	65	40	90	76	1.2
70	90	1.00	OMS70A-20 (TH) ^①		15.0	85.0	1.00	1.29	0.39	0.43	0.58	11	65	40	90	76	1.2
100	100	1.10	OMH100-03 (TH) ^①	89001058	13.0	113.0	1.10	1.45	0.47	0.57	0.79	11	65	65	100	86	1.5
100	100	1.10	OMH100-06		16.0	116.0	1.10	1.50	0.48	0.59	0.84	11	70	55	100	86	1.4
150	100	1.80	OMS150-26 ^②	89001109	18.5	168.5	1.80	2.30	0.43	0.85	1.14	20	55	105	155	141	2.5
150	100	1.80	OMS150-08	89001100	20.0	170.0	1.80	2.32	0.43	0.86	1.16	20	65	85	140	126	2.1
150	100	1.80	OMS150-10 (TH) ^①	89001102	20.0	170.0	1.80	2.32	0.43	0.86	1.16	20	65	85	140	126	2.1
150	100	1.80	OMS150-27	89001110	22.0	172.0	1.80	2.35	0.43	0.87	1.19	18	70	75	140	126	1.8
175	130	1.50	OMB175-01		14.5	189.5	1.50	2.48	0.57	0.96	1.66	12	65	75	110	96	1.7
175	130	1.50	OMB175-09		17.5	192.5	1.50	2.56	0.58	0.97	1.74	12	70	55	110	96	1.6
250	130	2.13	OMB250-02		19.5	269.5	2.13	3.25	0.58	1.36	2.18	18	65	105	140	126	2.4
250	130	2.13	OMB250-04		21.0	271.0	2.13	3.50	0.58	1.37	2.36	18	70	85	140	126	2.1
250	130	2.13	OMB250-06		22.0	272.0	2.13	3.60	0.58	1.37	2.44	18	75	75	140	126	1.8
250	100	3.00	OMS250-01	89001132	35.0	285.0	2.95	3.67	0.44	1.44	1.88	30	75	120	180	166	2.9
400	135	3.25	OMB400-01		31.0	431.0	3.25	5.64	0.60	2.18	3.97	25	75	120	180	166	2.9
High-pressure sodium																	
35	85	0.53	OMS35-01	89001137	8.0	43.0	0.53	0.65	0.37	0.22	0.28	6	55	30	65	51	0.8
35	85	0.53	OMS35-03 (TH) ^①		8.0	43.0	0.53	0.65	0.37	0.22	0.28	6	55	30	65	51	0.8
50	85	0.76	OMS50-02		10.5	60.5	0.76	0.90	0.36	0.31	0.38	9	65	40	75	61	1.1
70	90	0.95	OMS70-03		11.5	81.5	0.94	1.16	0.39	0.41	0.53	10	60	55	90	76	1.4
70	90	1.00	OMS70A-04		13.0	83.0	1.00	1.16	0.38	0.42	0.51	11	60	55	90	76	1.3
70	90	1.00	OMS70A-08 (TH) ^①		13.0	83.0	1.00	1.16	0.38	0.42	0.51	11	60	55	90	76	1.3
70	90	1.00	OMS70A-16	89001172	15.0	85.0	1.00	1.29	0.39	0.43	0.58	11	65	40	90	76	1.2
70	90	1.00	OMS70A-20 (TH) ^①		15.0	85.0	1.00	1.29	0.39	0.43	0.58	11	65	40	90	76	1.2
100	100	1.20	OMS100-01	89001078	13.5	113.5	1.20	1.50	0.43	0.57	0.75	13	70	65	100	86	1.5
150	100	1.80	OMS150-26 ^②	89001109	18.5	168.5	1.80	2.30	0.43	0.85	1.14	20	55	105	155	141	2.5
150	100	1.80	OMS150-08	89001100	20.0	170.0	1.80	2.32	0.43	0.86	1.16	20	65	85	140	126	2.1
150	100	1.80	OMS150-10 (TH) ^①	89001102	20.0	170.0	1.80	2.32	0.43	0.86	1.16	20	65	85	140	126	2.1
150	100	1.80	OMS150-27	89001110	22.0	172.0	1.80	2.35	0.43	0.87	1.19	18	70	75	140	126	1.8
150	100	1.80	OMS150/100		20.0	170	1.80	2.30	0.43	0.86	1.15	20	55	105	155	141	2.5
250	100	3.00	OMS250-01	89001132	35.0	285.0	2.95	3.67	0.44	1.44	1.88	30.0	75	120	180	166	2.9

notes

- ① Ballasts have built-in thermal cutout devices specifically for short-arc metal-halide lamps.
- ② With multiple voltage tappings
Ballasts for other wattage ratings available on request.