ML-155

MaxLumina® Marine Signal Lantern

The ML-155 is used in thousands of installations worldwide to mark buoys, offshore structures, channels, bridges, barges and docks. This marine signal lantern produces required luminous intensity levels with minimal power consumption and with consequent savings in operating costs. Tideland's patented 155 mm acrylic Fresnel lens and hinge are formed from a single piece injection moulding incorporating 38 optical elements. This lens transmits more light in the horizontal plane, and throughout the 360° azimuth, than a 200 mm pressed glass lens.

FEATURES

- Accommodates all Tideland standard Omnibus II
- Supports all industry standard flasher/lampchanger
- Lenses available in all approved IALA colours
- Light and durable, designed for long term use in the harshest marine environments
- Lens secured to the base through an integral hinge and six-point fastener system for easy access
- Cable glands and connectors factory supplied
- Full monitor and control access with Tideland

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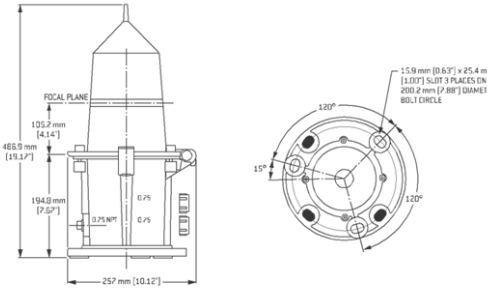

WEIGHT 3.2kg (7lb)

Bottom View

EFFECTIVE INTENSITY TABLES (Schmidt-Clausen Method)

ML-155 MaxLumina Lantern with Clear Lens and Selected Lamps

Electrical Rating/ Lamp Type	Incandescent Time (sec)	Fixed Intensity (cd)	EFFECTIVE INTENSITY IN CANDELAS – FLASHING WHITE								
			CCT 0.1 sec	CCT 0.2 sec	CCT 0.3 sec	CCT 0.4 sec	CCT 0.5 sec	CCT 0.6 sec	CCT 1.0 sec	CCT 1.2 sec	CCT 2.0 sec
6.2V, 0.125A/C-8, S-8	0.030	13	6	6	8	9	9	10	11	11	12
6.2V, 0.25A/C-8, S-8	0.050	32	14	15	19	21	23	24	27	27	29
6.2V, 0.46A/C-8, S-8	0.076	89	34	41	51	58	62	66	74	76	81
6.2V, 0.70A/C-8, S-8	0.100	116	-	51	65	74	81	85	96	99	105
6.2V, 0.92A/C-8, S-8	0.130	131	-	55	72	83	90	96	108	112	119
6.2V, 1.40A/C-8, S-8	0.170	231	-	93	124	144	158	168	190	196	209
12V, 0.25A/C-8, S-8	0.050	50	28	24	29	33	35	37	42	43	45
12V, 0.55A/C-8, S-8	0.088	130	67	59	74	84	91	96	108	111	118
12V, 0.77A/C-8, S-8	0.110	182	-	79	102	116	126	134	150	155	165
12V, 1.15A/C-8, S-8	0.150	315	-	126	168	198	215	229	259	268	285
12V, 1.35A/C-8, S-8	0.170	391	-	151	205	241	265	282	321	332	354
12V, 2.03A/C-8, S-8	0.230	491	-	-	255	300	331	354	403	416	445
12V, 10W/C-8, T-2.8Q	0.120	373	-	159	207	238	257	274	308	317	339
12V, 20W/C-8, T-3.5Q	0.190	738	-	270	384	455	498	535	605	627	668
12V, 35W/C-8, T-3.5Q	0.290	1416	-	-	666	826	927	1000	1156	1192	1277
12V, 50W/C-8, T-3.5Q	0.380	2242	-	-	-	1233	1420	1550	1809	1883	2018
12V, 75W/C-8, T-3.5Q	0.510	2668	-	-	-	-	-	1768	2134	2223	2401
12V, 20W/C-8, T-2.8Q HP	0.190	988	-	362	514	606	667	716	815	840	894
12V, 35W/C-8, T-2.8Q HP	0.290	1748	-	-	830	1020	1145	1232	1422	1477	1575
12V, 50W/C-8, T-2.8Q HP	0.380	2523	-	-	-	1388	1598	1741	2031	2107	2271
125V, 100W/CC-8, T-3.5Q	0.113	1258	-	549	705	804	874	925	1040	1072	1141

NOTE: For red or green lens, multiply intensity by 0.30; for yellow lens, multiply intensity by 0.74. For lanterns in biform configuration, multiply listed values by two.

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