

MLED-120E 1/2/3/4 Tier Range Table

Actual ranges will depend upon the flash character and duty cycle used. The following flash examples (1.0 and 0.5 second on) are based on a 30% flash character duty cycle at T=0.74.

Color	Flash	1 Tier Nm (Candela)	2 Tier Nm (Candela)	3 Tier Nm (Candela)	4 Tier Nm (Candela)
White	Power (W)	2.3	5.1	7.2	10.5
	Divergence	7.0 degrees	7.3 degrees	6.8 degrees	7.3 degrees
	Fixed	4.1 (45)	5.3 (92)	5.8 (137)	6.3 (186)
	1.0 sec. flash	3.8 (34)	5.0 (77)	5.5 (113)	6.0 (158)
	0.5 sec. flash	3.6 (30)	4.8 (66)	5.4 (97)	5.8 (135)
Red	Power (W)	2.5	4.9	7.9	11.2
	Divergence	6.1 degrees	4.8 degrees	6.0 degrees	5.3 degrees
	Fixed	3.6 (28)	4.0 (40)	5.1 (85)	5.5 (110)
	1.0 sec. flash	3.6 (26)	4.0 (38)	5.1 (85)	5.5 (115)
	0.5 sec. flash	3.3 (23)	3.8 (33)	4.9 (72)	5.4 (98)
Green	Power (W)	2.3	4.9	7.4	9.4
	Divergence	6.8 degrees	7.3 degrees	7.5 degrees	7.6 degrees
	Fixed	4.1 (41)	5.1 (82)	5.8 (132)	6.3 (181)
	1.0 sec. flash	3.8 (33)	4.8 (67)	5.4 (101)	5.6 (127)
	0.5 sec. flash	3.6 (28)	4.6 (58)	5.2 (87)	5.4 (109)
Yellow	Power (W)	2.6	5.5	8.5	10.1
	Divergence	6.0 degrees	5.8 degrees	6.3 degrees	5.9 degrees
	Fixed	3.3 (23)	4.0 (40)	4.4 (52)	4.3 (50)
	1.0 sec. flash	3.8 (31)	4.7 (63)	5.4 (99)	5.5 (114)
	0.5 sec. flash	3.6 (27)	4.4 (54)	5.2 (85)	5.2 (86)

As per IALA recommendations, all figures above are shown at the “tenth percentile” point. This means that the lantern is actually brighter in 90% of the horizontal axis than the above published intensity. Vertical divergence figures are also at the IALA recommended tenth percentile at 50%.