

## MaxLED 200 Range Table

Power to the LED is variable to allow users to match range and duty cycle to their exact location requirements. Actual ranges will depend upon the flash character and duty cycle used. The following example is based on a 30% flash character duty cycle, 0.5 second on time at T=0.74.

Color	Range (Nm)	Standard Beam Input Power (W)	Wide Beam Input Power (W)
White	<b>Divergence</b>	<b>3.4 degrees</b>	<b>7.2 degrees</b>
	10	57	x
	9	26	57
	8	12	26
	7	6	12
	6	<6	5
Red	<b>Divergence</b>	<b>5.2 degrees</b>	<b>8.4 degrees</b>
	10	57	x
	9	41	57
	8	23	31
	7	14	19
	6	<14	10
Green	<b>Divergence</b>	<b>3.1 degrees</b>	<b>7.6 degrees</b>
	10	47	x
	9	23	52
	8	10	19
	7	4	9
	6	<4	3
Yellow	<b>Divergence</b>	<b>5.1 degrees</b>	<b>8.1 degrees</b>
	10	x	x
	9	47	x
	8	26	41
	7	14	23
	6	9	12

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%.