

## MaxLED 200-EFF 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 flash examples (1.0 and 0.5 second on) are based on a 30% flash character duty cycle at T=0.74.

### 1 second on:

Color	Range (Nm)	Standard Beam Input Power (W)	Wide Beam Input Power (W)
White	Divergence	3.2 degrees	7.2 degrees
	12	40	x
	11	30	x
	10	15	37
	9	9	23

### 0.5 second on:

Color	Range (Nm)	Standard Beam Input Power (W)	Wide Beam Input Power (W)
White	Divergence	3.2 degrees	7.2 degrees
	11	33	x
	10	17	x
	9	11	26

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%.