

## Dual LED Lantern E8276

LED Lanterns E8276 are intended for use in shore-based installations of visual aids to navigation (AtoN) infrastructure as a source of omnidirectional light signal. Dual internal architecture with two separate LED arrays and constant current generator (CCG) circuits that can be controlled independently enables provision of higher reliability and operational availability of the navigation light.

The E8276 can be supplied with integrated solid state flasher that has full control of output light signal intensity using pulse width modulation (PWM). Intensity maxima below are achieved by simultaneously powering both LED arrays of a dual lantern.

### Features:

<b>Effective luminous intensity:</b>	<b>up to 6500 cd (W)</b>
<b>Vertical divergence (<math>2\Theta_{1/2}</math>):</b>	<b>3° typical</b>
<b>Signal colour:</b>	<b>White, Red, Green, Yellow, Blue</b>
<b>Nominal range (T=0.74, 0.2 <math>\mu</math>lx):</b>	<b>up to 13.2 nm</b>
<b>Power supply voltage:</b>	<b>12 (10 ...27) VDC</b>
<b>Power consumption in flash:</b>	<b>≤ 66 W</b>
<b>Light source regulation:</b>	<b>CCG, input for control</b>
<b>Daylight control:</b>	<b>sensor for readiness of flasher integration</b>
<b>Height with birdspike:</b>	<b>400 mm</b>
<b>Diameter at widest point:</b>	<b>240 mm</b>
<b>Maximum weight with cables:</b>	<b>10 kg</b>
<b>Ingress protection class:</b>	<b>IP67</b>
<b>Lens material:</b>	<b>optical grade UV-stable acrylic</b>



Please visit [www.ekta.ee](http://www.ekta.ee) for detailed technical specifications.

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