



HIGHEST EFFICACY

Beautiful World™ Constant Current T5 LED Tube

Beautiful World LED Tubes offer the highest efficacy available in T5 LED tube products.



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Specification Statement

Solution shall consist of a Constant Current T5 LED illuminated frosted tube, with external driver, using G5 compatible pin connections. Assembly must be of metalized heat sinking material utilizing a dense array of light emitting diodes (LED) fully encased within the length of the tube. Product shall contain rotating end caps and a fixed beam angle of 120°. Power consumption shall not exceed 4.0 watts per foot. Component shall be electrically insulated for safety, cool to touch, and mercury free contributing to environmental benefits of a project. High quality LEDs shall be greater than or equal to 90 CRI and achieve an efficacy of up to 100 lumens per watt, and a lumen output up to 603 lm/ft. Product shall provide initial lumen output of up to 478 lm/ft and mature to a minimum of at least 70% of initial lumen output 50,000 operating hours. Finished product shall be compatible with Keen capacitive touch controls (embedded into a finished mirror). Light engine assembly must carry a limited warranty for no less than three years.

Key Attributes

High Efficacy

At 110 lm/W, Beautiful World Constant Current T5 Tubes are 20% more efficient than other T5 solutions, providing greater energy savings.

Highest CRI Available

With a ≥ 90 CRI, Beautiful World T5 Tubes provide the most accurate color.

L6 Specifications

Length	CRI	Color Consistency ¹	Color Temperature	Brightness/Lumen Output	Efficacy	Easily Replaceable	Heat Sink	Dimming Options	Voltage	Custom Sizes ²
2'	≥ 90	5	2,700 - 5,000K	400 lm/ft	100 lm/W	Yes	Anodized Aluminum	Electric Mirror Keen™, 0-10V control	24V DC	Yes
3'	≥ 90	5	2,700 - 5,000K	400 lm/ft	100 lm/W	Yes	Anodized Aluminum	Electric Mirror Keen™, 0-10V control	24V DC	Yes
4'	≥ 90	5	2,700 - 5,000K	375 lm/ft	100 lm/W	Yes	Anodized Aluminum	Electric Mirror Keen™, 0-10V control	24V DC	Yes
5'	≥ 90	5	2,700 - 5,000K	360 lm/ft	100 lm/W	Yes	Anodized Aluminum	Electric Mirror Keen™, 0-10V control	24V DC	Yes

¹ MacAdam Step Ellipses

² Minimum quantity required