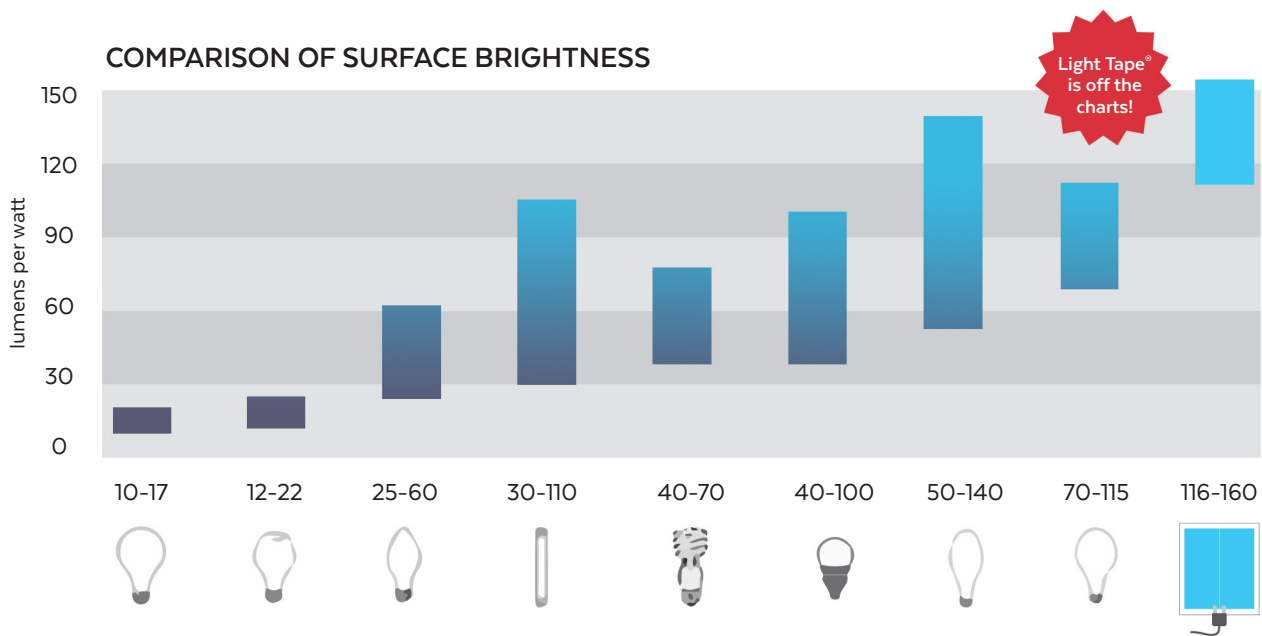


Energy Consumption

Light Tape® is an incredibly efficient flat accent light, with a completely uniform illuminated surface.

Other light sources, like LEDs, directionally emit light with a great deal of the desired light either wasted or diffused in order to accomplish even illumination. When comparing the surface brightness of an accent light, there is nothing more efficient than Light Tape®.



LIGHT TAPE® VS. LED'S

	ACCENT LIGHTING				BACKLIGHTING	
	LIGHT TAPE	LED'S	LIGHT TAPE	LED'S	LIGHT TAPE	LED'S
ILLUMINATED WIDTH	1.27 cm	0.8 cm	2.54 cm	0.8 cm	100% Backlit	edge lit
AREA/LENGTH	1 linear meter	1 linear meter	1 linear meter	1 linear meter	1 square meter	1 square meter
ILLUMINATION SOURCE	100% phosphors	30 led's	100% phosphors	60 led's	100% phosphors	240 led's
CURRENT - AMPS	0.005	3	0.01	6	0.5	24
TOTAL WATTS	0.5	7.2	1.1	14.4	44	57.6
ILLUMINATION COVERAGE	100% uniform	2 cm gaps	100% uniform	1 cm gaps	100% uniform	60% uniform

HEIRARCHY OF TRADITIONAL MEASUREMENT OF BRIGHTNESS

BRIGHTNESS	IMPERIAL		METRIC	
	W/in ²	A/in ²	W/cm ²	A/cm ²
HIGH	0.028	0.342	0.0044	0.0530
AVERAGE	0.016	0.191	0.0025	0.0296
LOW	0.011	0.133	0.0016	0.020

Light Tape® consumes power in a linear fashion. With every increase in area there is an equal increase in energy required to illuminate. Multiply the illuminated surface area by the multiples to get total watts and amps.

Total Watts = W x surface area
Total Amps = A x surface area