



LuxiBright®

⊕ BE BRILLIANT

AUTOMOTIVE APPLICATION NOTE



WHEN AMBITIOUS DESIGN MEETS BRIGHT INNOVATION

The automotive world is undergoing a major transformation, one where bold creativity and cutting-edge technology redefine how vehicles are seen and experienced. As designers and engineers push the boundaries of form and function, our unique LuxiBright® technology emerges as an enabler of lighting concepts once thought impossible by integrating bright, uniform and lightweight lighting solution.

With its unrivaled design freedom, LuxiBright® transforms light into a true design material, delivering sharp, vivid and seamless three-dimensional lines that bring vehicles to life. Its lightweight, energy-efficient architecture empowers hollow and sculptural designs, while ensuring performance, qualification and sustainability go hand in hand. From the front lighting signature to the rear exclusive styling, our LuxiBright® technology gives automotive brands the freedom to create distinctive, recognizable identities, combining precision, uniformity and intensity in ways that captivate drivers and define the vehicles of tomorrow.

FEATURES AND BENEFITS

<p>ULTRA BRIGHT</p>	<p>ULTRA THIN</p>	<p>LIGHT WEIGHT</p>	<p>EASY ASSEMBLY</p>

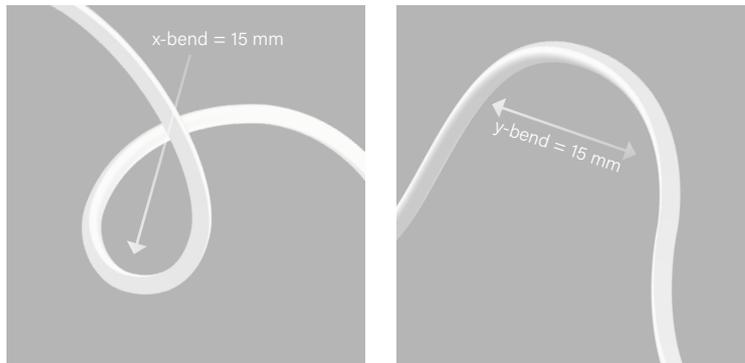
APPLICATIONS

- Functional Car Lighting
- Daytime Running Light (DRL)
- Position Light & Grille Illumination (PL, GI)
- Turn Indicator (TI)
- Tail Light & Stop Light (TL,ST)
- Center High-Mounted Stop Light (CHMSL)

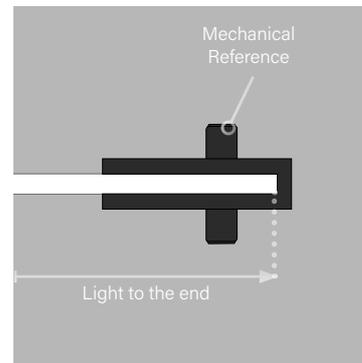




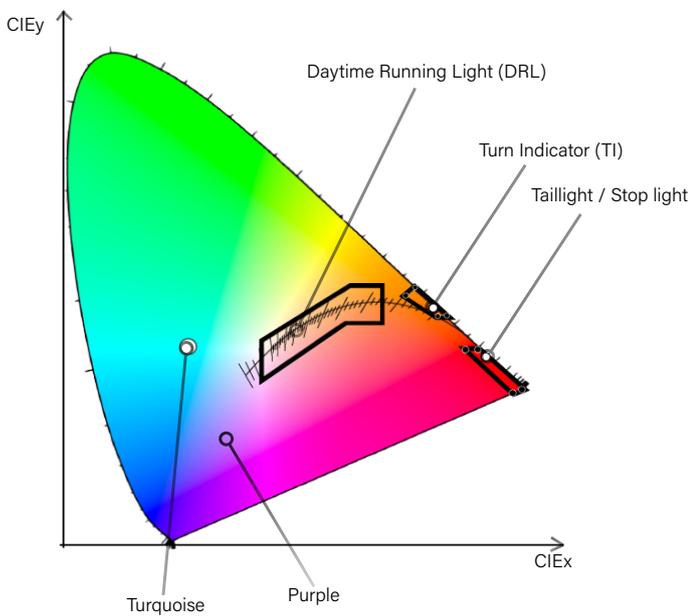
MECHANICAL FLEXIBILITY



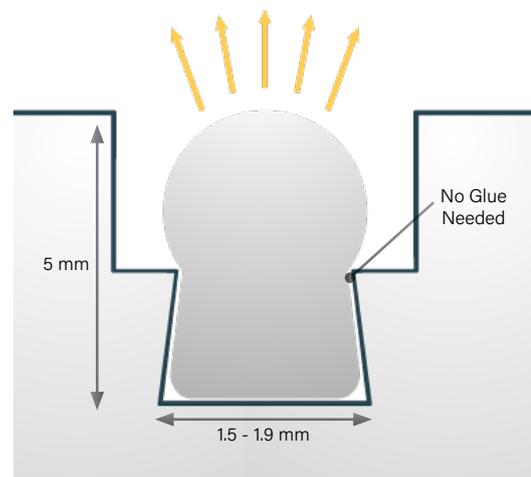
LIGHTING UP TO THE FIBER END



AVAILABLE (ECE) COLORS



CROSS SECTION



TECHNICAL DATA

	Color	Illuminance		Power consumption		Uniformity	Fiber thickness	Fiber lighting length	Thermal specifications
		Typical	Max	Typical	Max				
Cold white	5000-7000°K	400 cd	900 cd	6 W	15W	> 95%	from 1.5mm to 1.9mm	from 200mm to 2300mm	from -40°C to 85°C
Amber	592 +/- 2nm	400 cd	650 cd	10W	15W				
Super red	628 +/- 2nm	4 cd	60 cd	0.5W	7W				
Turquoise	493 +/- 2nm	400 cd	800 cd	7 W	15W				

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CLASS 1 LASER PRODUCT
ICE 60825-1 2014-05

