

OVERVIEW



- ✓ **IP 68 Waterproof**
- ✓ **650 to 3300 Lumen Packages**
- ✓ **Standard LED Line Voltage Dimmers**

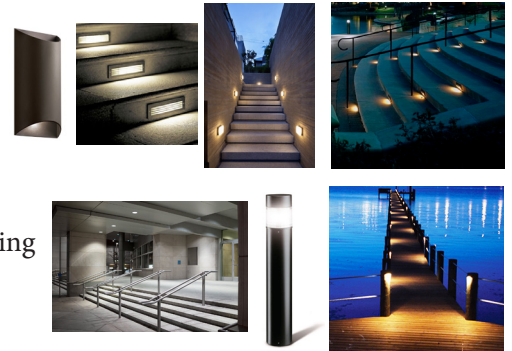
The Tough Puck low power LED module is a fantastic fit for any application requiring high quality light and long life in tough conditions. Exclusively launched by HiLumz in the North American market.

APPLICATION

RETROFITTING

- Wall Sconces
- Bollards
- Downlights
- Step Lighting
- Exterior Accent Lighting
- Docks/Marinas

Endless Applications



FEATURES

FULLY CUSTOMIZED SOLUTIONS FOR EACH PROJECT

- Excellent light module adaptable to hundreds of applications using HiLumz customized mounting solutions.
- Multiple modules available in a single application

TERRIFIC LIGHT QUALITY

- >Ra80
- Flicker-free, hum-free, buzz-free
- 110° beam pattern

HiLUMZ HEAT STANDARDS

- Rated at -25°C to 85°C
- Over temperature cutoff protection

INDUSTRY-LEADING DURABILITY

- A true IP68 waterproof module for the toughest conditions
- Breathable membrane to prevent chemicals from entering module and damaging LEDs with pressure changes



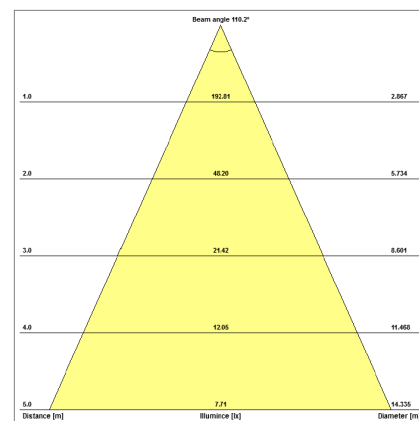
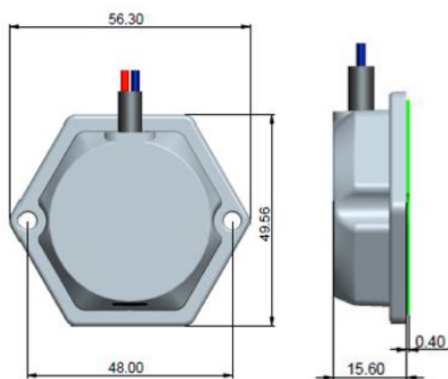
PERFORMANCE SPECIFICATIONS

Product	Wattage	Lumens	Color	CRI	Voltage
CL	10 Watt	1050	2700K 3000K (Standard) 4000K	80+	120 VAC

Higher wattage packages available by mounting multiple units in series.

HiLumz will pre-wire accordingly for a single input.

- Power factor: 0.98
- Total harmonic distortion: <15%
- Surge Protection: 1500V
- Over temperature protection: 150°C
- Spread beam angle: 110°
- L70B10: >50,000
- Meets Restrictions of Hazardous Substances (RoHS II)
- Compatible w/ standard LED line dimmer



This device should not be used in any type of fluid such as water, oil, organic solvent, etc.
Clean with water and mild soap in needed.

ORDERING

EXAMPLE **CL-10-3080-A-P1**: 10 Watt Tough Puck Module at 3000K mounted to plate (plate specs provided separately)

Product	Wattage	Color/CRI	VAC	Mounting
CL	10	3080	A (120V)	DL - Single heat sink P1 - Plate Mount, single unit P2 - Plate Mount, dual unit The unit must be attached to a metal surface for heat sink purposes. Or, HiLumz can provide a metal plate heat sink.

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Optional IP68 waterproof wire connector
(pre-wired to Tough Puck)