

The logo for LightGraphix features the company name in a white, sans-serif font. The 'L' in 'Light' is significantly larger than the other letters. Below the company name, the tagline 'Creative Lighting Solutions' is written in a smaller, all-caps, sans-serif font. The background is a dark blue gradient with a pattern of overlapping, semi-transparent triangles in various shades of blue.

LightGraphix

Creative Lighting Solutions

HIGH AMBIENT SPECIFICATION INTERACTIVE TOOL KIT 2026

HIGH AMBIENT SPECIFICATION TOOLKIT

When operating conditions become more demanding, product selection becomes more critical.

This toolkit has been developed to help lighting designers and specifiers identify luminaires suitable for higher-ambient-temperature environments. It brings together a curated selection of LightGraphix products validated for operation at elevated ambient temperatures, providing confidence that performance, colour consistency and longevity can be maintained where standard operating conditions cannot be assumed.

Explore the range to find solutions across multiple product categories and lumen outputs, with direct access to full specifications, ambient temperature ratings and configuration options.

Within this interactive toolkit, every product is clickable, helping you move seamlessly from product selection through to detailed technical information and supporting documentation.



| | 50-100lm | 100-150lm | 150-200lm | 300-500lm | 500-600lm | 600-750lm | 750-900lm |
|------------------------|--|--|---|---|---|---|---|
| SURFACE MOUNT SPOTS | <p>LD51-C1</p> <p>350mA 108lm</p> <p>55°C T_a</p> | <p>LD51-C1</p> <p>500mA 141lm</p> <p>55°C T_a</p> | <p>LD51-C1</p> <p>700mA 188lm</p> <p>50°C T_a</p> | <p>LD10238-E3</p> <p>500mA 493lm</p> <p>55°C T_a</p> | <p>LD20238-E3</p> <p>350mA 574lm</p> <p>55°C T_a</p> | <p>LD10238-N1</p> <p>350mA 694lm</p> <p>55°C T_a</p> | <p>LD10238-N1</p> <p>500mA 937lm</p> <p>55°C T_a</p> |
| SURFACE MOUNT UPLIGHTS | <p>LD95-C1</p> <p>350mA 106lm</p> <p>55°C T_a</p> | <p>LD95-C1</p> <p>500mA 138lm</p> <p>55°C T_a</p> | <p>LD95-C1</p> <p>700mA 177lm</p> <p>55°C T_a</p> | <p>LD10235-E3</p> <p>500mA 493lm</p> <p>55°C T_a</p> | | <p>LD10235-E3</p> <p>700mA 653lm</p> <p>50°C T_a</p> | |
| SURFACE MOUNT SPIKES | <p>LD50-C1</p> <p>350mA 82lm</p> <p>55°C T_a</p> | <p>LD50-C1</p> <p>700mA 140lm</p> <p>55°C T_a</p> | | <p>LD53-LT2000</p> <p>24V 310lm</p> <p>50°C T_a</p> | | | |
| DOWNLIGHTS | | | <p>LD782-F1</p> <p>350mA 235lm</p> <p>55°C T_a</p> | <p>LD1083-E3</p> <p>350mA 407lm</p> <p>+80°C T_a</p> | <p>LD1094-E3</p> <p>500mA 586lm</p> <p>50°C T_a</p> | | |

| | 50-100lm | 100-150lm | 150-200lm | 300-500lm | 500-600lm | 600-750lm | 750-900lm |
|----------------------------------|---|--|---|--|--|---|--|
| IN-GROUND DEEP RECESSED UPLIGHTS | <p>LD43DR-C1</p> <p>350mA 63lm</p> <p>55°C T_a</p> | | <p>LD141DR-F1</p> <p>350mA 208lm</p> <p>55°C T_a</p> | <p>LD141DR-E3*</p> <p>500mA 440lm</p> <p>55°C T_a</p> | <p>LD154DR-E3</p> <p>500mA 516lm</p> <p>55°C T_a</p> | <p>LD154DR-N1**</p> <p>500mA 626lm</p> <p>55°C T_a</p> | |
| IN-GROUND UPLIGHTS | <p>LD44X-C1</p> <p>350mA 103lm</p> <p>55°C T_a</p> | <p>LD56-C1</p> <p>500mA 138lm</p> <p>55°C T_a</p> | <p>LD56-C1</p> <p>700mA 177lm</p> <p>55°C T_a</p> | <p>LD141X-E3*</p> <p>500mA 462lm</p> <p>55°C T_a</p> | <p>LD154-E3</p> <p>500mA 557lm</p> <p>55°C T_a</p> | <p>LD155-N1**</p> <p>500mA 638lm</p> <p>55°C T_a</p> | <p>LD155-N1***</p> <p>700mA 853lm</p> <p>50°C T_a</p> |
| WALL LIGHTS | <p>LD42D-C1</p> <p>350mA 61lm</p> <p>55°C T_a</p> | <p>LD45-C1</p> <p>500mA 138lm</p> <p>55°C T_a</p> | <p>LD46-C1</p> <p>700mA 177lm</p> <p>55°C T_a</p> | | | | |
| | 150-200lm | 300-150lm | 500-600lm | | 1000-1500lm | | 2000-2500lm |
| LINEAR | <p>LF10D</p> <p>24V 287lm/m</p> <p>55°C T_a</p> | <p>LF16D</p> <p>24V 498lm/m</p> <p>55°C T_a</p> | <p>LD20D</p> <p>24V 885lm/m</p> <p>65°C T_a</p> | | <p>LD38-C1</p> <p>350mA - 75mm Spacing 1436lm/m</p> <p>50°C T_a</p> | | <p>LD38-C1</p> <p>350mA - 50mm Spacing 2160lm</p> <p>50°C T_a</p> |

Inground deep recessed uplights: LD141DR-E3: *55°C ambient when placed in concrete using a concrete can. LD141DR-N1: **55°C ambient when placed in concrete using a concrete can. Inground uplights: LD141-E3-500mA: *50°C ambient when placed in concrete using a concrete can. LD155-N1-500mA: **Reduced lifetime and 55°C ambient when placed in concrete using a concrete can. LD155-N1-700mA: ***50°C ambient when placed in concrete using a concrete can.

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