

KTL- Tunnel Light



OVERVIEW

K series tunnel lights take the best advantages of LED technology, offering from 30w to 320w modular led lighting luminaires based on 30w or 40w led light module (bar). The polycarbonate optic lens kits with UV resistant characteristics and protective stainless steel cover enables the lens kits to be fixed to the extruded aluminium heatsink tightly for incomparable IP67 ingress protection, truly weather proof, and impact resistance performances. Quick connectors for ease of maintenance. The worldwide prestigious LEDs and led electronic drivers are utilized to ensure zero maintenance for ten years, which make the operating costs, return on investments are more competitive. The entire lighting luminaire carries a limited ten years warranty. 13+ optic lenses choices with various light distributions make it easy to meet almost all low /high bay, super bay lighting criteria. Its superior wattage, optic lens, luminous efficacy advantages allow one-for-one replacement of almost all HID luminaires and multi-lamp fluorescent fixtures.

FEATURES & BENEFITS

- Experienced in product R & D, manufacturing and applications enable the highest performance and reliability.
- Excellent cost performance and quality, 10 years maintenance-free, and 10 years limited warranted.
- User friendly design for easiest installation and maintenance.
- Unique modular design for LED light engine (s) and LED driver (s), which makes it easy to meet tailor made request for various wattage and lumen output.
- Invention patents protected by international PCT (patent cooperation treaty).
- 13+ light distribution solutions.
- Environmentally friendly packaging materials (EPE).

MECHANICAL CONSTRUCTION & MATERIALS

- Aluminium alloy construction
- Stainless steel (grade 304) hardware e.g. lens protective cover and screws.
- Minimum 100µm Corrosion resistant polyester powder coating.
- Philips or Meanwell branded LED driver CREE XPG, Lumileds Luxeon or OSRAM Square light sources.
- WAGO branded terminal block for power input suitable for #20- #12 AWG wire.
- Aluminium junction box mounted on back of fixture, in which WAGO branded terminal block is built in.
- MOLEX branded quick connectors for easy wiring.
- Optional motion sensor and photoelectric control unit (P.E.C.U).

MANDATORY & VOLUNTARY CERTIFICATIONS

- cULus listed
- DesignLights Consortium ("DLC") listed
- Certified per ENEC, CB standards, and CE LVD, EMC, Erp and RoHS directives



A  Celeritas Lighting Group Brand

OVERALL SPECIFICATIONS ELECTRICAL AND LUMINOUS PARAMETERS FOR THE CERTIFIED MODELS

Model No.	Input	No. of LEDs	No. of LED Modules	CCT	CRI	System Wattage	Initial Delivered Lumens @5000K	System Efficacy(lm/w)
KTL30	120-277V AC or 220-240V AC	18	1	3000K/4000K/ 5000K/5700K	>70	30	3330	111
KTL60	120-277V AC or 220-240V AC	36	2	3000K/4000K/ 5000K/5700K	>70	60	6780	113
KTL90	120-277V AC or 220-240V AC	54	3	3000K/4000K/ 5000K/5700K	>70	90	10340	115
KTL120	120-277V AC or 220-240V AC	72	4	3000K/4000K/ 5000K/5700K	>70	120	13530	115
KTL150	120-277V AC or 220-240V AC	90	5	3000K/4000K/ 5000K/5700K	>70	150	16720	115
KTL180	120-277V AC or 220-240V AC	108	6	3000K/4000K/ 5000K/5700K	>70	180	20130	115
KTL210	120-277V AC or 220-240V AC	126	7	3000K/4000K/ 5000K/5700K	>70	210	23320	115
KTL240	120-277V AC or 220-240V AC	144	8	3000K/4000K/ 5000K/5700K	>70	240	27060	115
KTL270	120-277V AC or 220-240V AC	162	9	3000K/4000K/ 5000K/5700K	>70	270	30250	115
KTL300	120-277V AC or 220-240V AC	180	10	3000K/4000K/ 5000K/5700K	>70	300	33440	115
	120-277V AC			3000K/4000K/				

KTL40	or 220-240V AC	18	1	5000K/5700K	>70	40	4600	115
KTL80	120-277V AC or 220-240V AC	36	2	3000K/4000K/ 5000K/5700K	>70	80	8400	115
KTL120	120-277V AC or 220-240V AC	54	3	3000K/4000K/ 5000K/5700K	>70	120	12600	115
KTL160	120-277V AC or 220-240V AC	72	4	3000K/4000K/ 5000K/5700K	>70	160	16800	115
KTL200	120-277V AC or 220-240V AC	90	5	3000K/4000K/ 5000K/5700K	>70	200	21000	115
KTL240	120-277V AC or 220-240V AC	108	6	3000K/4000K/ 5000K/5700K	>70	240	25200	115
KTL280	120-277V AC or 220-240V AC	126	7	3000K/4000K/ 5000K/5700K	>70	280	29400	115
KTL320	120- 277V AC or 220- 240V AC	144	8	3000K/4000K/ 5000K/5700K	>70	320	33600	115
KTL80-480	347-480V AC	36	2	3000K/4000K/ 5000K/5700K	>70	80	8400	115
KTL120-480	347-480V AC	54	3	3000K/4000K/ 5000K/5700K	>70	120	12600	115
KTL160-480	347-480V AC	72	4	3000K/4000K/ 5000K/5700K	>70	160	16800	115
KTL200-480	347-480V AC	90	5	3000K/4000K/ 5000K/5700K	>70	200	21000	115
KTL240-480	347-480V AC	108	6	3000K/4000K/ 5000K/5700K	>70	240	25200	115
KTL280-480	347-480V AC	126	7	3000K/4000K/ 5000K/5700K	>70	280	29400	115
KTL320-480	347-480V AC	144	8	3000K/4000K/ 5000K/5700K	>70	320	33600	115