

## Professional LED lighting

efficiency  
quality  
durability

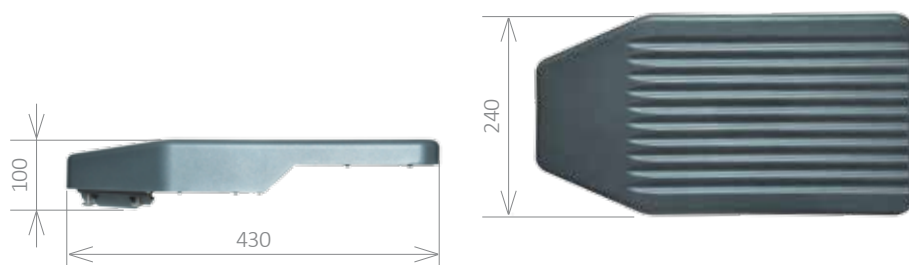


## E<sup>+</sup> DOVE B

is low energy LED street lighting suitable for illumination of roads, road junctions and all other external spaces. This type of E<sup>+</sup> DOVE external lighting successfully substitutes conventional high and low pressure sodium and mercury lighting whereupon they provide better luminous flux, better efficacy and up to 80% energy savings.

A<sup>++</sup>

- + Considerably reduces consumption of electric energy
- + Energy efficiency class: A++
- + CCT: 3000 K or 4000 K
- + The life span of LEDs is estimated to be up to 50.000 hours
- + No UV emission
- + Protection of external impact: IK10
- + Low light pollution according to IES TM-15-11 (ULOR=0%)
- + Resistant to voltage instability
- + Ingress Protection: IP66
- + Robust construction, resistant to moisture, dust and vibrations
- + Not harmful for insects and other nocturnal animals
- + Integrated thermal protection
- + No warm up, instant "on"
- + Self Adapting-Midnight
- + Output lumen compensation
- + Surge protection 10kV
- + WARRANTY: 5 years

**CHARACTERISTICS (at 4000K)**

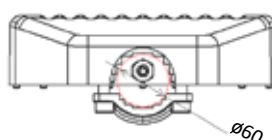
Product name	Operating voltage (V)	Power (W)	(CRI)	Luminous flux (lm)	Luminous efficacy (lm/W)	Angle (lens)	Environment temperature	Item ID (with T3 optics)
E+ DOVE B 8500	230, 50 Hz	71	from >70	8800	124	T3 (T1, T2)	from -40°C to +40°C	3108540432200614
E+ DOVE B 10000	230, 50 Hz	86	from >70	10100	117	T3 (T1, T2)	from -40°C to +40°C	3110040432200614
E+ DOVE B 12000	230, 50 Hz	107	from >70	12000	112	T3 (T1, T2)	from -40°C to +40°C	3112040432200614
E+ DOVE B 14000	230, 50 Hz	120	from >70	13600	113	T3 (T1, T2)	from -40°C to +40°C	3114040432200614
E+ DOVE B 17000	230, 50 Hz	153	from >70	17300	113	T3 (T1, T2)	from -40°C to +40°C	3117040432200614

**MECHANICAL CHARACTERISTICS**

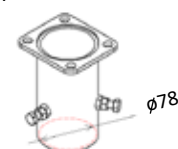
Protection:	IP66, IK10
Dimensions (mm)	600x280x100
Bracket(Φ)	60 (optional: 78)
Weight (kg)	< 5

**TYPE BRACKET**

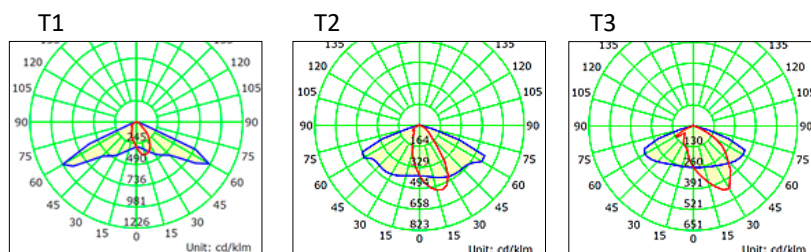
Standard:



Optional:

**CERTIFICATES**

EMC	EN 55015:2013+A1:2015, EN 61547:2009; EN 61000-3-2:2014, EN 61000-3-3:2013
LVD	EN 62031:2008, EN 60598-2-3:2003+A1:2011, EN 61347-2-13:2006, EN 62493:2010

**OPTICS (Lenses)**

- + Suitable for higher category roads, roundabouts, intersections, squares, parking lots and similar facilities.
- + Recommended height is over 6m.

