

Professional LED lighting

efficiency
quality
durability

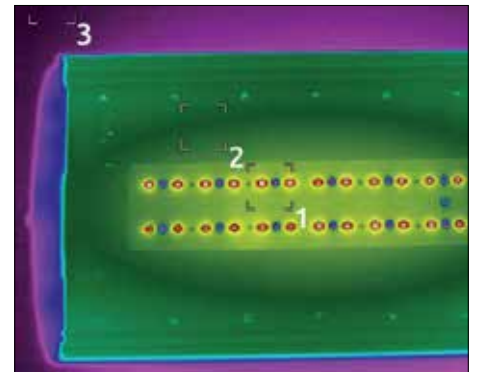


E⁺ DOVE

is low energy LED street lighting suitable for illumination of roads, road junctions and all other external spaces. This type of E⁺ 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⁺⁺

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



Area1 69,1°C, Area2 48,4°C, Area3 23,7°C

E+ DOVE	3500	5000	7000	10000	12000	14000
ELECTRICAL CHARACTERISTIC						
Operating voltage (V)	230, 50-60 Hz					
Power (W)	37	43	59	81	92	130
Power factor	> 0,95 at 230 VAC					
LIGHT CHARACTERISTIC						
LED	CREE					
CCT	4000K					
CRI	from >70 to >80					
Luminous flux (lm) at 4000K	4400	5000	7900	10200	11.400	15800
Luminous efficacy (lm/W)	119	116	134	126	124	122
Angle (lens)	asymmetric or simmetric, optional					
Environment temperature	from -40°C to +50°C					
MECHANICAL CHARACTERISTIC						
IP	IP66 HRN EN 60529:2000+A1:2008+A2:2014 (IEC 60529:1989+A1:1999+A2:2013)					
IK	IK10 HRN EN 62262:2008 (EN 62262:2002), HRN EN 62271-202:2014 (EN 62271-202:2014)					
Protective cover	Polycarbonate					
Housing	Alluminum extruded profile					
Dimensions (mm)	413x220x100					
Weight (kg)	4,80	4,80	5,30	5,30	5,30	5,30
CERTIFICATES						
EMC	EN 55015:2013, 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					
OPTICAL TYPE						

