



Lightra™ LED

Traffic Signal Lamp

TECHNICAL SPECIFICATIONS

OPTICAL FEATURES COMPATIBLE WITH DIN EN 12368

	200mm (Vehicle and Pedestrian)	300mm (Vehicle)
Luminous intensity	Level 2, Class 2	Level 3, Class 2
Luminous intensity distribution	Type W, Category B	Type N, Category B
Dimming	-	-
Lux homogeneity	1:10	1:15
Color coordinates in accordance with DIN EN 12368	Compatible with TS EN 12368 6.7 Table 7	Compatible with TS EN 12368 6.7 Table 7
Symbol class		S1 (Pedestrian)

ELECTRICAL AND MECHANICAL FEATURES

Operating voltage	230VAC (-15%/+10%)	230VAC (-15%/+10%)
Operating frequency range	50Hz (-6%/+4%)	50Hz (-6%/+4%)
Power consumption	8W(Vehicle), 7W(Pedestrian)	12W
Power factor	>0.9	>0.9
EMC	Compatible with TS EN 50293	Compatible with TS EN 50293
Lenses	Special optical lens made of polycarbonate	Special optical lens made of polycarbonate
Protection class	Class V: IP65	Class V: IP65
Resistance to mechanical impact	IR3	IR3
Vibration resistance	Compatible with IEC 60068	Compatible with IEC 60068
Operating temperature	-40°C/+55°C	-40°C/+55°C
Moist heat, cyclic	Compatible with IEC 60068-2-30	Compatible with IEC 60068-2-30
Casing colors	Black	Black