



TYPE	Product type DPS 455
ELECTRICAL PARAMETERS	<p>Driver efficiency nominal up to 0.92</p> <p>Driver failure ratio <10% at 50000 or 100000 hours depends on type</p> <p>Driver type Built in PHILIPS Xitanium Outdoor driver</p> <p>Electrical isolation class IEC Safety class I as a standard, II on request</p> <p>Input Frequency 50-60 Hz</p> <p>LED current ripple % <(4-30) depends on type</p> <p>Mains voltage index 230 – 240 V / 50 – 60 Hz</p> <p>Nominal input voltage range 202..254 or 198...264, depends on type</p> <p>Power factor nominal up to 0.98</p> <p>Power range 32-80 W depending on type</p> <p>Surge protection 4/6 kV</p>
LIGHTING PERFORMANCE	<p>CCT 3000K, 4000K, 5700K</p> <p>Color rendering index, CRI >70</p> <p>Initial color shift, SDCM <5</p> <p>Light distribution Wide beam as standard. AS,NB optics on request</p> <p>Light source Modules with OSRAM long life ceramic package LED chips with silicone lens diodes</p> <p>LOR up to 0,89</p> <p>Luminaire lumen output range, lm 4000 – 10200 lm depending on type</p> <p>Photobiological safety RG1</p> <p>Type of optic Low ageing PMMA lenses by LEDIL</p>



CONSTRUCTION AND MATERIALS	Dimensions LxH 481x469
	Housing colour Dark grey
	Housing material Housing: high-pressure, die-cast aluminium powder coated, no plastic parts
	Impact resistance IK09
	Ingress protection IP66
	Installation options Post top installation 40-60mm
	Optical cover Extra clear toughened flat glass
	Windage area no more 0,18sq.m above/below and 0,025sq.m side position
OPERATION AND MAINTENANCE	Electrical connection 0.4m cable with IP66 connector as standard
	Maintenance Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only
	Maintenance of lumen output 100000 hours – L90B10
	Operating temperature range -40...+35 C, typical for exact values
	Application • Parks • Squares • Boulevards • Embankments • Recreation areas Residential roads and paths • Pedestrian crossroad
MARKING AND APPROVALS	CE mark CE marked
	ROHS mark ROHS complaint

PRODUCT FAMILY RANGE

Code	Type	Power consumption W	Initial luminous flux lm	Color K	Weight kg	IP	IK
600151532201	DPS455 LED102 80W PC I 740 40-60	80	10200	4000	13	66	09
600151532202	DPS455 LED090 70W PC I 740 40-60	70	9000	4000	13	66	09
600151532203	DPS455 LED055 42W PC I 740 40-60	42	5500	4000	13	66	09
600151532204	DPS455 LED040 32W PC I 740 40-60	32	4000	4000	13	66	09