

Benefits:

- Long life LED chips by OSRAM
- Modest modern design of MALMÖ luminaire fits well in diversified and demanding city environment.
- Selection of different size housings in combination with a range of high-performance optics and light colour temperatures satisfies all demands for city street lighting.
- The highest quality LED components of proven manufacturers and reliable technical design ensures high-quality lighting and long lifetime.
- Selection of light distributions for roads and area lighting – low ageing PMMA lenses by LEDIL



TYPE	<p>Product type MALMÖ MIDI DKS 675</p>
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 81-107W 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 Asymmetric for roads, areas, walkways, pedestrian crossings and other types on request</p> <p>Light source Modules with OSRAM long life ceramic package LED chips with silicone lens diodes</p> <p>LOR up to 0,94</p> <p>Luminaire lumen output range, lm 9300...12300 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 LxWxH

537x257x82

Effective protected area

-0.02

Housing colour

RAL 7035

Housing material

Housing: high-pressure, die-cast aluminium powder coated, no plastic parts

Impact resistance

IK08

Ingress protection

IP66

Installation options

Post top or side entry installation 40-60mm with tilt regulation 0/5/10/15 dgr

Optical cover

Extra clear toughened flat glass

Windage area

no more 0,138sq.m above/below and 0,0437sq.m side position

OPERATION AND MAINTENANCE

Electrical connection

0.4m cable as standard or 5...15m cable as other options on request

Maintenance

Opening with screw

Maintenance of lumen output

100000 hours – L90B10

Operating temperature range

-40...+35 C, typical for exact values

Application

Urban road and streets • Residential roads and paths • Pedestrian crossroad

MARKING AND APPROVALS

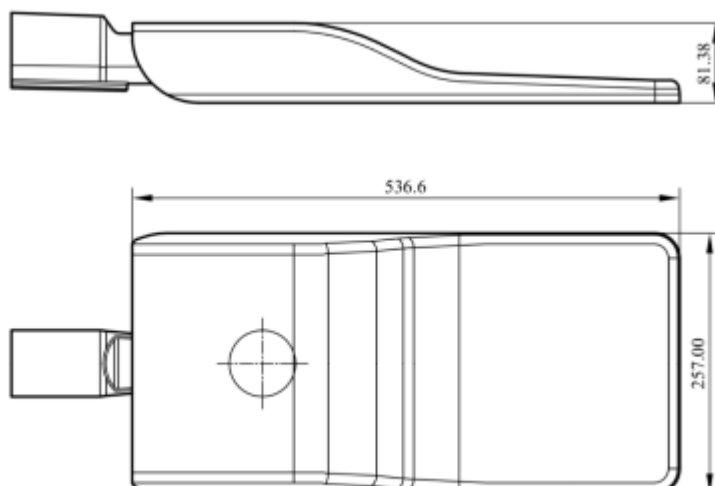
CE mark

CE marked

ROHS mark

ROHS complaint

DIMENSIONS



PRODUCT FAMILY RANGE

Code	Type	Power consumption W	Flux lm	Efficacy lm/W	Weight, kg
600151401042	DKS675 LED093 81W 730 I NB2 IC0	81	9770	121	6.5
600151401041	DKS675 LED093 81W 730 I NB1 IC0	81	9770	121	6.5
600151401054	DKS675 LED093 81W 730 I WB1 IC0	81	9770	121	6.5
600151401040	DKS675 LED093 81W 730 I WB IC0	81	9770	121	6.5
600151401018	DKS675 LED103 81W 740 I NB2 IC0	81	10300	127	6.5
600151401038	DKS675 LED103 81W 740 I NB1 IC0	81	10300	127	6.5
600151401053	DKS675 LED103 81W 740 I WB1 IC0	81	10300	127	6.5
600151401037	DKS675 LED103 81W 740 I WB IC0	81	10300	127	6.5
600151401043	DKS675 LED103 81W 757 I ASR IC0	81	10300	127	6.5
600151401019	DKS675 LED136 107W 740 I NB2 IC0	107	13594	127	6.5
600151401056	DKS675 LED136 107W 740 I NB1 IC0	107	13594	127	6.5
600151401057	DKS675 LED136 107W 740 I WB1 IC0	107	13594	127	6.5
600151401058	DKS675 LED136 107W 740 I WB IC0	107	13594	127	6.5
600151401059	DKS675 LED136 107W 757 I ASR IC0	107	13594	127	6.5
600151401060	DKS675 LED123 107W 730 I NB2 IC0	107	12800	120	6.5
600151401061	DKS675 LED123 107W 730 I NB1 IC0	107	12800	120	6.5
600151401062	DKS675 LED123 107W 730 I WB1 IC0	107	12800	120	6.5
600151401063	DKS675 LED123 107W 730 I WB IC0	107	12800	120	6.5