

**Benefits:**

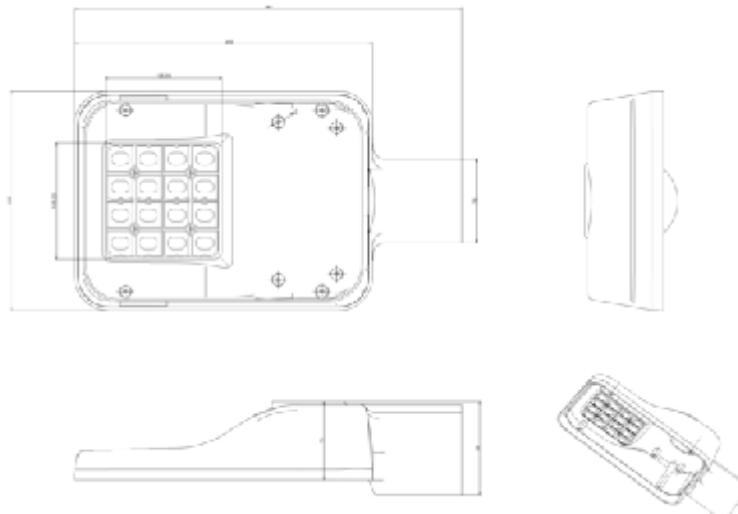
- Modest modern design of MALMO luminaire fits well in diversified and demanding city environment.
- Selection of different size housings in combination with a range of high-performance optics and light color temperatures satisfies all demands for city street lighting.
- The highest quality LED components 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	<b>Product type</b> MALMÖ MICRO DKS 673
ELECTRICAL PARAMETERS	<b>Driver efficiency nominal</b> up to 0.92 <b>Driver failure ratio</b> <10% at 50000 or 100000 hours depends on type <b>Driver type</b> Built in PHILIPS Xitanium Outdoor driver <b>Electrical isolation class IEC</b> Safety class I as a standard, II on request <b>Input Frequency</b> 50-60 Hz <b>LED current ripple %</b> <(4-30) depends on type <b>Mains voltage index</b> 230 – 240 V / 50 – 60 Hz <b>Nominal input voltage range</b> 202..254 or 198...264, depends on type <b>Power factor nominal</b> up to 0.98 <b>Power range</b> 23-41W depending on type <b>Surge protection</b> 6/10 kV standard
LIGHTING PERFORMANCE	<b>CCT</b> 3000K, 4000K <b>Color rendering index, CRI</b> >70 <b>Initial color shift, SDCM</b> <5 <b>Light distribution</b> Asymmetric for roads, areas, walkways, pedestrian crossings and other types on request <b>Light source</b> Modules with OSRAM LED chips <b>LOR</b> up to 0,94 <b>Luminaire lumen output range, lm</b> 2400...5000 Lm depending on type <b>Photobiological safety</b> RG1 <b>Type of optic</b> Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS	<p><b>Dimensions LxWxH</b> 345x195x83</p> <p><b>Effective protected area</b> -0.02</p> <p><b>Housing colour</b> RAL 7035</p> <p><b>Housing material</b> Housing: high-pressure, die-cast aluminium powder coated, no plastic parts</p> <p><b>Impact resistance</b> IK08</p> <p><b>Ingress protection</b> IP66</p> <p><b>Installation options</b> Side entry installation 40-60mm without regulation</p> <p><b>Optical cover</b> Extra clear toughened flat glass</p> <p><b>Windage area</b> no more 0,067sq.m above/below and 0,028sq.m side position</p>
OPERATION AND MAINTENANCE	<p><b>Electrical connection</b> 0,4m cable as standard or 5....8m cable as other options on request</p> <p><b>Maintenance</b> Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only</p> <p><b>Maintenance of lumen output</b> 100000 hours – L90B10</p> <p><b>Operating temperature range</b> -40...+35 C, typical for exact values</p> <p><b>Application</b> Urban road and streets • Residential roads and paths • Pedestrian crossroad</p>
MARKING AND APPROVALS	<p><b>CE mark</b> CE marked</p> <p><b>ROHS mark</b> ROHS complaint</p>

## DIMENSIONS



## PRODUCT FAMILY RANGE

Code	Type	Power consumption W	Flux lm	Efficacy lm/W	Weight, kg
600151401072	DKS673 LED056 41W 740 I NB2 IC0	41	5630	137	3.2
600151401073	DKS673 LED029 21W 740 I NB2 IC0	21	2850	136	3.2
600151401074	DKS673 LED050 41W 730 I NB2 IC0	41	4950	120	3.2
600151401075	DKS673 LED025 21W 730 I NB2 IC0	21	2500	119	3.2