

## 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 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	<p><b>Product type</b> MALMÖ MINI DKS 674</p>
ELECTRICAL PARAMETERS	<p><b>Driver efficiency nominal</b> up to 0.92</p> <p><b>Driver failure ratio</b> &lt;10% at 50000 or 100000 hours depends on type</p> <p><b>Driver type</b> Built in PHILIPS Xitanium Outdoor driver</p> <p><b>Electrical isolation class IEC</b> Safety class I as a standard, II on request</p> <p><b>Input Frequency</b> 50-60 Hz</p> <p><b>LED current ripple %</b> &lt;(4-30) depends on type</p> <p><b>Mains voltage index</b> 230 – 240 V / 50 – 60 Hz</p> <p><b>Nominal input voltage range</b> 202..254 or 198...264, depends on type</p> <p><b>Power factor nominal</b> up to 0.98</p> <p><b>Power range</b> 18-54W depending on type</p> <p><b>Surge protection</b> 4/6 kV</p>
LIGHTING PERFORMANCE	<p><b>CCT</b> 3000K, 4000K, 5700K</p> <p><b>Color rendering index, CRI</b> &gt;70</p> <p><b>Initial color shift, SDCM</b> &lt;5</p> <p><b>Light distribution</b> Asymmetric for roads, areas, walkways, pedestrian crossings and other types on request</p> <p><b>Light source</b> Modules with OSRAM long life ceramic package LED chips with silicone lens diodes</p> <p><b>LOR</b> up to 0,94</p> <p><b>Luminaire lumen output range, lm</b> 2000...6000 Lm depending on type</p> <p><b>Photobiological safety</b> RG1</p> <p><b>Type of optic</b> Low ageing PMMA lenses by LEDIL</p>

## CONSTRUCTION AND MATERIALS

### Dimensions LxWxH

530(410)x240x76

### 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 0,099sq.m above/below and 0,031 sq.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, 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

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

## MARKING AND APPROVALS

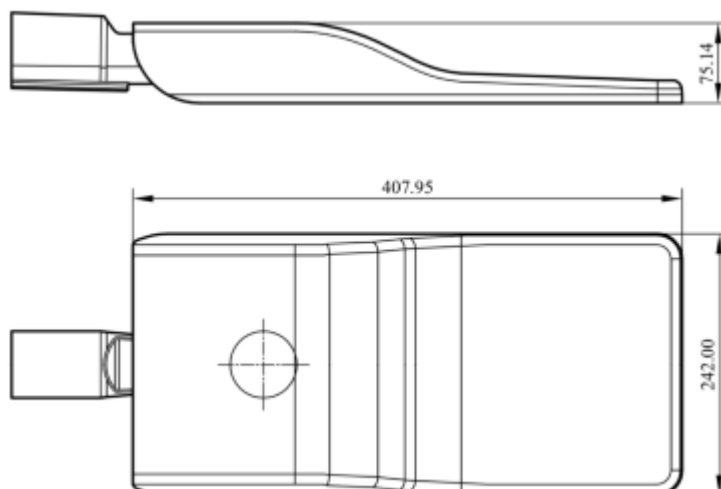
### CE mark

CE marked

### ROHS mark

ROHS complaint

## DIMENSIONS



## PRODUCT FAMILY RANGE

Code	Type	Power consumption W	Flux lm	Efficacy lm/W	Weight, kg
600151401014	DKS674 LED023 18W 740 I WB ICO	18	2343	130	4.5
600151401015	DKS674 LED023 18W 740 I WB1 ICO	18	2343	130	4.5
600151401046	DKS674 LED023 18W 740 I NB2 ICO	18	2343	130	4.5
600151401016	DKS674 LED021 18W 730 I WB ICO	18	2210	123	4.5
600151401020	DKS674 LED021 18W 730 I WB1 ICO	18	2210	123	4.5
600151401021	DKS674 LED035 27W 740 I WB ICO	27	3504	130	4.5
600151401022	DKS674 LED035 27W 740 I WB1 ICO	27	3504	130	4.5
600151401047	DKS674 LED035 27W 740 I NB2 ICO	27	3504	130	4.5
600151401023	DKS674 LED035 27W 740 I NB1 ICO	27	3504	130	4.5
600151401024	DKS674 LED032 27W 730 I WB ICO	27	3300	122	4.5
600151401025	DKS674 LED032 27W 730 I WB1 ICO	27	3300	122	4.5
600151401026	DKS674 LED032 27W 730 I NB1 ICO	27	3300	122	4.5
600151401027	DKS674 LED042 36W 730 I NB1 ICO	36	4224	117	4.5
600151401002	DKS674 LED046 36W 740 I WB ICO	36	4661	129	4.5
600151401028	DKS674 LED046 36W 740 I WB1 ICO	36	4661	129	4.5
600151401029	DKS674 LED046 136W 740 I NB1 ICO	36	4661	129	4.5
600151401048	DKS674 LED046 36W 740 I NB2 ICO	36	4661	129	4.5
600151401030	DKS674 LED042 36W 730 I NB2 ICO	36	4400	122	4.5
600151401012	DKS674 LED042 36W 730 I WB1 ICO	36	4400	122	4.5
600151401039	DKS674 LED042 36W 730 I WB ICO	36	4400	122	4.5
600151401031	DKS674 LED069 54W 740 I WB ICO	54	6892	128	4.5
600151401032	DKS674 LED069 54W 740 I NB1 ICO	54	6892	128	4.5
600151401049	DKS674 LED069 54W 740 I NB2 ICO	54	6892	128	4.5
600151401034	DKS674 LED063 54W 730 I WB ICO	54	6580	122	4.5
600151401035	DKS674 LED063 54W 730 I NB1 ICO	54	6580	122	4.5
600151401036	DKS674 LED063 54W 730 I NB2 ICO	54	6580	122	4.5
600151401050	DKS674 LED069 54W 740 I WB1 ICO	54	6892	128	4.5
600151401051	DKS674 LED069 54W 757 I ASR ICO	54	6892	128	4.5
600151401052	DKS674 LED063 54W 730 I WB1 ICO	54	6243	116	4.5