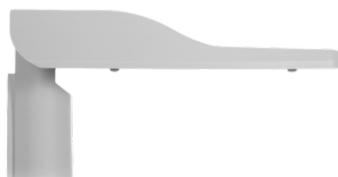


# Technical Datasheet

## street led luminaire DKS274

street led luminaire:  
DKS274 LED075 54W 740 I MW1D

Product code:  
600151401206



### CONSTRUCTION AND MATERIALS

**Body Material:**  
die-cast aluminium, powder coated, no plastic parts  
**Body Colour:**  
grey  
**Optical Cover:**  
chemically resistant toughened flat glass with UV cut  
**Environment protection code, IP:**  
IP66  
**Impact Resistance code IK:**  
IK08  
**Dimensions LxWxH:**  
530(410)x240x83 mm

**Weight:**  
4.5 kg  
**Installation:**  
post top or side entry installation Ø40÷60 with tilt regulation 0°, ± (5/10/15)°  
**Windage projection area:**  
≤ 0.04 sqm  
**Options on request:**  
RAL colors, PC cover for higher IK

### LIGHT SOURCE

**Light Source:**  
Standard size LED modules with long life OSRAM LED chips with LEDiL low ageing PMMA lenses, replaceable  
**Light source Initial luminous flux:**  
9040  
**Luminaire Initial luminous flux after optic losses, lm:**  
7500  
**Luminaire efficacy, lm/W**  
138.9  
**Light Distribution:**  
asymmetric for M class roads  
**Optics light output ratio:**  
> 0.9  
**Light Beam Spread:**  
Asymmetric  
**Upward light output ratio:**  
0 %

**Corr. Color Temp. CCT, K:**  
4000  
**Color Rend. Index CRI:**  
≥70  
**Service Lifetime:**  
>100000 st. @L90B10  
**Photobiological risk group:**  
GR1 @ >1m  
**Color consistency, SDCM:**  
< 5 (±100K)  
**Light output flicker (in acc. to IEE 1789), %:**  
≤ 30 (LF & HF)  
**Light source marking:**  
CE, ENEC

## ELECTRICAL PARAMETERS

Type of Electronic Module:	LED Current, mA:
Built in Philips Xitanium Outdoor	525
Nominal input voltage, VAC:	Control Interface:
220...240	N/A
Operational voltage, VAC:	Dimming options:
200...260	N/A
Input Frequency:	Surge capability Common Mode/Differential Mode, kV:
47÷63 Hz	≥ 6 / 4
Nominal input power, W:	
54	
Isolation Class:	Driver marking:
I (I)	CE, ENEC
Power Factor nom.:	
≥ 0.98	
Driver Efficiency nom.:	
≥ 0.92	

## SERVICE AND MAINTENANCE

Operational Temperature Range:	CE Mark:
-40°C ÷ +45°C	CE marked
Input power tolerance:	ROHS:
± 7%	ROHS compliant
Luminous flux tolerance:	
± 7%	
Serviceability:	
no glue construction, all parts replaceable	
Driver Failure ratio, %:	
< 1 @ 5000hrs	
Electrical connection:	
cable 0.4m with IP68 connector or internal push-in terminals 2.5mm <sup>2</sup>	
Manufacturer Warranty:	
5 years from the date of purchase	

## MARKING AND APPROVALS

CE Mark:
CE marked
ROHS:
ROHS compliant

## Light Distribution:

