

TAKTON

Pure & Simple Efficiency

Street luminary for console or vertical pole mounting with tilt regulation

MALMO

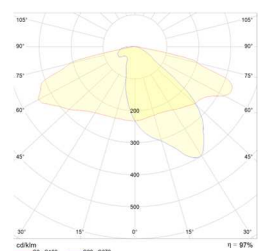
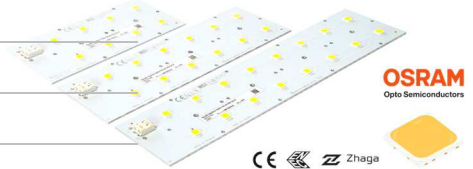
Model: DKS274 LS-11000LM 66W 740 NB2 IC0

- 11000lm LED light output
- 66W input power (w/o CLO)
- 139,2 lm/W system efficacy
- > 100000 work hours lifetime @25°C
- IP66 protection from the environment
- IK08 impact resistance



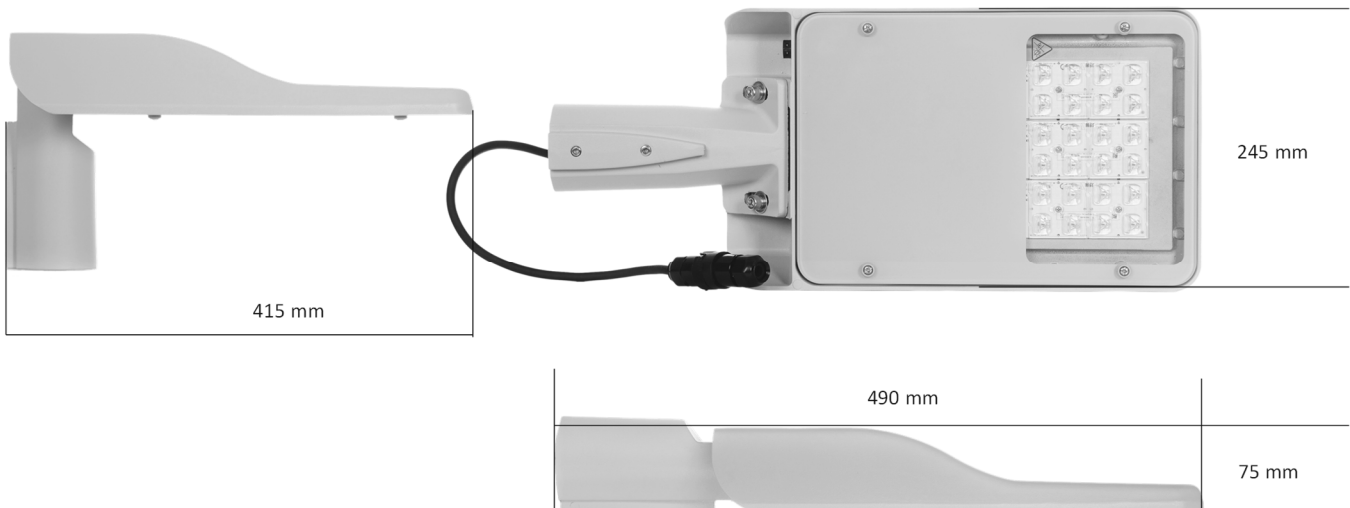
LIGHT SOURCE PARAMETERS

Correlated Color Temperature CCT, K:	4000
Color Rendering Index CRI:	≥70
LED light output, lm:	11000
System lumen output, lm:	9187
System efficacy, lm/W:	139,2
Light Source type:	built-in rectangular LED modules
Type of LED:	high power long life OSRAM LED in SMT epoxy package, superior Corrosion Robustness
Light Color Consistency, SDCM:	< 5
Photobiological risk group:	RG1 @ >0.5m distance w/o optic and cover
Light output ripple (in acc. to IEE 1789), %:	≤ 60 (LF)
Optic material:	low ageing PMMA (polymethyl methacrylate)
Optic type:	lense array
Optic serviceability:	replaceable
Light source compliance and approval:	CE, ENEC, RoHS, REACH, Zhaga book 15
Light didtribution type:	for M-class roads where road width is wider than the pole height
Light beam spread:	N / A
Light source lifetime, w.hrs:	> 100000@ L90



CONSTRUCTION & MATERIALS

Body material:	die-cast aluminium, no plastic parts
Body protection:	UV resistant powder painting
Body Color:	light grey (RAL7035)
Ingress Protection rating for the whole housing (IP):	IP66
Driver installation:	inside the housing
Light source protection from the environment (IP):	IP66
Driver protection from the environment (IP):	IP66
Impact Resistance rating:	IK08
Optical Cover:	toughened chemically resistant flat glass with UV cut
Weight, kg	≤ 4,5
Dimensions LxWxH, mm:	410X245X76
Upward light output ratio, %:	0
Windage projection area side/below max, sqm:	0.04/0.11
Installation options:	post top or side entry installation D40÷60 with tilt regulation ± (0/5/10/15)° in both positions
Opening for service:	with screwdriver
Additional features:	N / A
Options on request:	RAL colors, bracket 76mm, breathing device, PC optics cover for IK10, protective film for optics cover enforcement



ELECTRICAL PARAMETERS

Nominal input power w/o CLO, W:	66
Initial input power with CLO, W:	
End of service period power with CLO, W:	
Average input power with CLO, W:	
Nominal input voltage, V AC:	220...240
Operational voltage range, V AC:	200...254
Rated input frequency range, Hz:	47...63
Power factor:	0.97...0.99
Driver efficiency at nom. load:	90.5
Light output ripple (in acc. to IEE 1789), %:	≤ 60 (LF)
Driver protection from the environment (IP):	IP66
Dimmable:	NO
Dimming interface:	
Autodimming:	
LED lumen maintenance compensation:	
Dimming range, %:	
Driver service lifetime, hrs:	100000@10% failures
Power Supply Failure Ratio	≤ 0.5% per 5000 work hrs
Suitable for protection class (IEC60598):	I or II
Number of luminaires on MCB 16A type B, indicative:	≤ 40
Surge capacity CM / DM, kV	6 / 4
Driver marking:	CB / CCC / CE / ENEC / SELV / UKCA
Startup time, s:	Programmable 0...30



Independent outdoor PHILIPS Xitanium Programmable

ADDITIONAL SURGE PROTECTOR

Type of surge protection device:	not installed
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ELECTRIC CONNECTION

Type of connection:	External, without opening of the housing
Connection of mains:	Flexible 0.4m cable 3x1.5 with IP66 connector

**CONTROLS INTERFACE**

Interface for external control:	not installed
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COMPLIANCE AND APPROVALS

Compliance and approval:	CE, RoHS
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**OPERATION & SERVICE**

Operation temperature range:	-40°C ÷ +45°C
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Serviceability:	luminaire is equipped with serviceable parts (LED board, driver, surge protection device, optics & optics cover and other mechanical parts)
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Warranty:	standard—5 years, longer terms—on request
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