TAKTON

MALMÖ Series

DKS674 · DKS675

MALMÖ is a high-performance LED street luminaire developed for roads, residential areas, parking facilities and public spaces. Its robust die-cast aluminium housing and sealed construction ensure reliable operation in demanding outdoor environments.

Premium LEDIL optics provide precise and uniform light distribution while reducing glare and unnecessary light spill. Combined with reliable Philips Xitanium drivers, MALMÖ delivers excellent energy efficiency and long-lasting performance.

Available in two housing sizes and a wide range of power and optical configurations, the luminaire can be adapted to different road classes and project requirements. DALI, 1–10 V, night dimming, CLO and Zhaga Book 18 options make MALMÖ ready for both conventional installations and modern smart-city lighting systems.

POWER	EFFICACY	CCT	BEAM	IP	IK
27–153 W	126–135	3000 / 4000 K	Asymmet	IP66	IK09

CONSTRUCTION

Die-cast aluminium housing, two housing sizes. RAL 7035 and DB703 finish. LEDIL secondary optics, Philips Xitanium driver.

APPLICATIONS

Roads, residential areas, parking facilities and public spaces.

CONTROL OPTIONS

On/off, DALI, 1–10 V, Zhaga D4i, night dimming and CLO. 48 published variants.

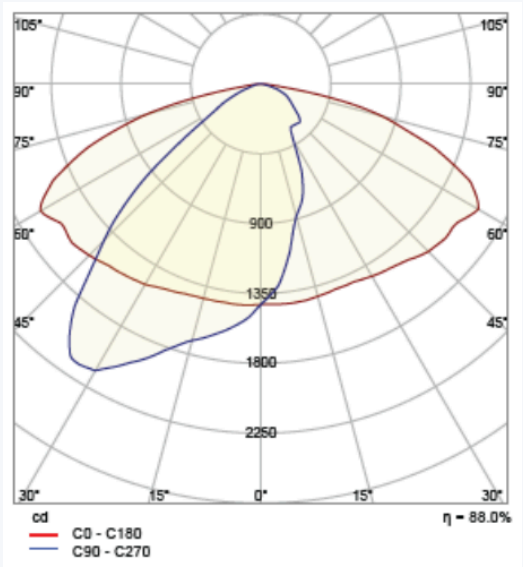
Light Exactly Where It's Needed

Premium LEDIL optics provide precise and uniform light distribution while reducing glare and unnecessary light spill. Each optic is supplied with a polar light-distribution diagram and an iso-illuminance plot; optics are swappable on site.

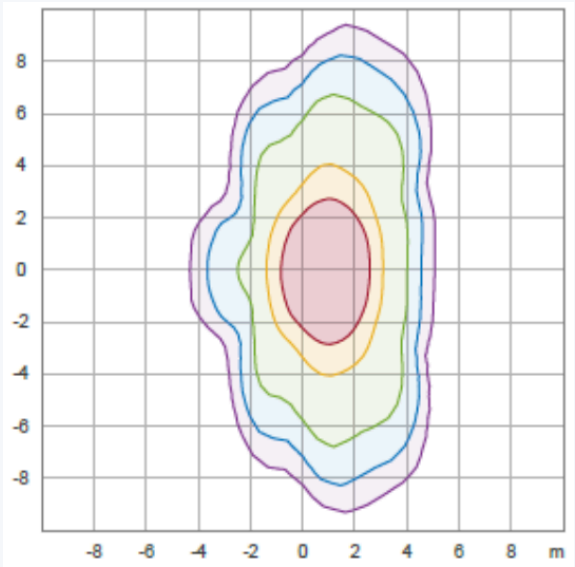
ROADS		EN 13201		AREA LIGHTING	
NB1	M/P class wide roads	**LN1**	Narrow roads	**AST4**	Balanced area
NB2	M class roads	**MM1**	High poles	**ASR / ASL**	Pedestrian crossings
NB3	M class narrow roads	**MN9**	Long pole distance	**WSD**	Extra-wide uniform
WB1	Long pole distance	**MN1**	House-side backlight	**ASWD**	Medium-wide throw
WB2	Security lighting	**MW5**	Width > pole height	**FT6W**	Wide forward throw

PHOTOMETRIC DATA — NB2, THE STANDARD OPTIC

POLAR DIAGRAM



ISO-LUX DIAGRAM



NB2 — asymmetric for M-class roads, width ≥ mounting height, medium pole distances. Diagrams for the full optic library are published in the Street optic types document.

MALMÖ · CONTROLS AND CONNECTION

Connected. Controllable. Future-Ready.

Zhaga Book 18 socket

Standardised interface for major NEMA and Zhaga control systems; Zhaga D4i versions published.

IP68 connector included

Watertight cable connector supplied with every luminaire — the joint is made on the pole, without a junction box.

DALI and 1–10 V dimming

Full dimming range for adaptive lighting strategies and energy savings.

Pre-installed cable

Option: cable fitted, sealed and leak-tested in the factory. Length configured per project.

Smart-city ready

Ready for conventional installations and modern remote-management platforms.

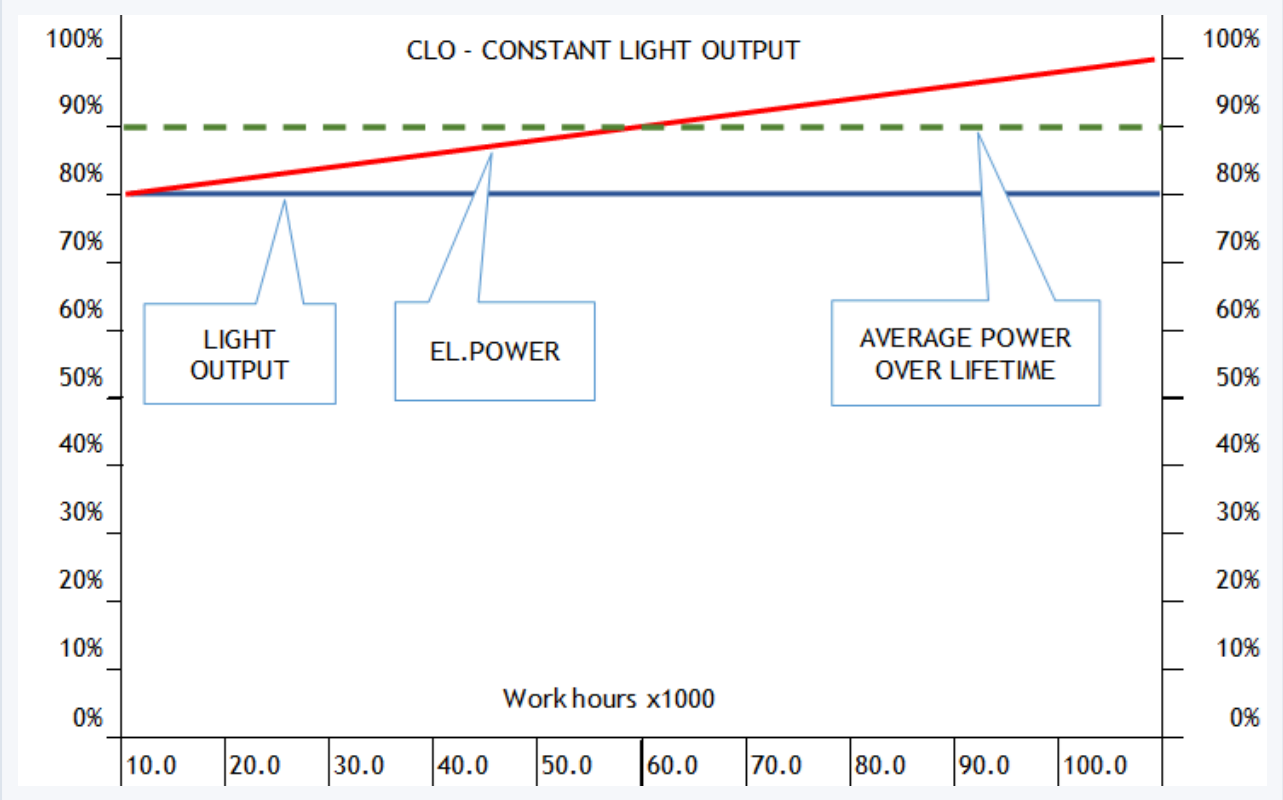
Mounting

Ø 60 mm spigot; 40–60 mm and 76 mm variants published.

OPERATING OPTIONS

CLO — Constant Light Output

The driver compensates natural LED lumen depreciation: input power is raised gradually over the service life so the light on the road stays constant from day one to end of life. No over-dimensioning is needed to reach the required EN 13201 class.



Night dimming (Chrono profile)

A pre-programmed dimming profile stored in the driver — no controller, sensor or additional wiring required. The driver aligns the dimming steps to the midpoint of the night. Typical night-time energy savings of 30–50 %.

48 variants
Edition 2026

Article numbers

Lumen packages with NB2 optic, 40–60 mm spigot, on/off control. Each package is also published with Zhaga D4i / DALI control (ZH) and with a 76 mm spigot; RAL 7035 and DB703 finish. All variants CRI ≥70, asymmetric, IP66.

ARTICLE	TYPE	POWER	FLUX	EFFICACY	CCT
600151401505	DKS674	27 W	3400 lm	126 lm/W	3000 K
600151401145	DKS674	27 W	3600 lm	133 lm/W	4000 K
600151401540	DKS674	40 W	5200 lm	130 lm/W	3000 K
600151401539	DKS674	40 W	5400 lm	135 lm/W	4000 K
600151401548	DKS674	54 W	6900 lm	128 lm/W	3000 K
600151401547	DKS674	54 W	7200 lm	133 lm/W	4000 K
600151401555	DKS674	81 W	10300 lm	127 lm/W	3000 K
600151401556	DKS674	81 W	10700 lm	132 lm/W	4000 K
600151401563	DKS675	120 W	15400 lm	128 lm/W	3000 K
600151401009	DKS675	120 W	16000 lm	133 lm/W	4000 K
600151401570	DKS675	153 W	19650 lm	128 lm/W	3000 K
600151421301	DKS675	153 W	20000 lm	131 lm/W	4000 K

DESIGNATION KEY

730 / 740	3000 K / 4000 K, CRI ≥70
NB2	LEDIL optic, M-class roads
40-60 / 76	Spigot diameter, mm
ZH	Zhaga D4i, DALI

DOCUMENTS

Street optic types
Optics light output coefficients
CE and UK declarations of conformity
Warranty declaration
Installation instruction

ASK AN OFFER

Send the lumen package, optic and control option — we return a configuration and a price.

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