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DKF293 ODIN M

POWER	EFFICACY	CCT	PROTECTION	IMPACT	DISTRIBUTION
100–135 W	**133–150 lm/W**	**4000 K**	**IP66**	**IK09**	**AS / S**

A powerful, energy-efficient LED floodlight for large parking areas, industrial yards, logistics centres, façades and advertising structures. The slim die-cast aluminium housing delivers high performance without a bulky appearance, and the adjustable bracket positions the luminaire precisely.

A wide selection of symmetrical and asymmetrical optics matches the distribution to each project: asymmetrical versions light parking areas, façades and large banners with reduced spill light, symmetrical optics suit general area, security and architectural lighting.

APPLICATIONS

Large parking areas, industrial yards, logistics centres, building façades and advertising structures.

OPTICS

Asymmetric ASWD, AST4, AST4D · Symmetric RS10, RS20D, RS33, RS48. Distribution is selected per article.

CONTROL

Standard version without control interface. DALI, CASAMBI and D4i on request.

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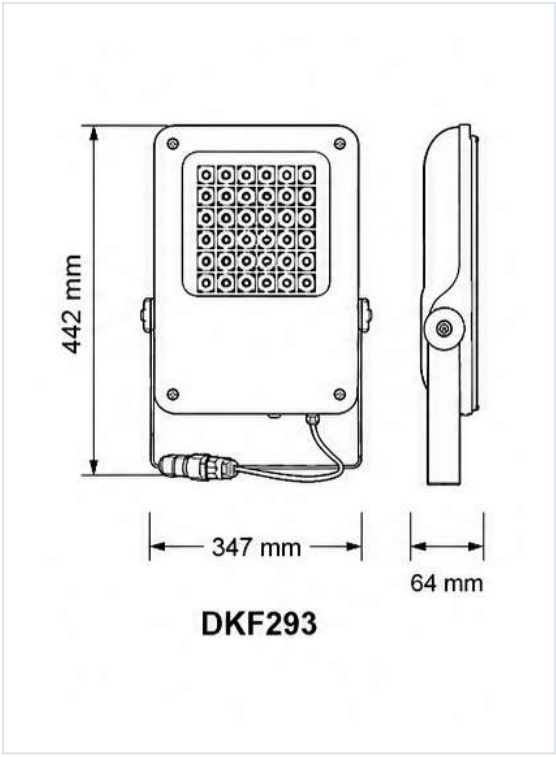
DKF293 — dimensions and specification



FRONT AND SIDE VIEW · ALL DIMENSIONS IN MM

MECHANICAL

Overall size L × W × T	**441.8 × 346.8 × 63.7 mm**
Weight	**6.3 kg**
Windage above/below · side	0.150 · 0.028 m²
Housing	High-pressure die-cast aluminium, powder coated, no plastic parts
Housing colour	RAL 7024
Optical cover	Extra clear toughened flat glass
Optic material	Low-ageing PMMA lenses
Mounting	U-shape bracket, adjustable tilt; 2× M12 bracket slots at 25 Nm or 1× M14 central hole at 35 Nm

ELECTRICAL

Mains voltage	220–240 V / 50–60 Hz
Driver	Built-in Philips Xitanium Outdoor
Power factor	up to 0.98
Surge protection	4 / 6 kV
Isolation class	Class I standard, II on request
Connection	0.4 m cable as standard, IP68 connector; 3×1.0–3×2.5 mm², Ø 7–12 mm

LIGHTING PERFORMANCE

Light source	Modules with OSRAM LED chips
Luminous flux	14 700–18 500 lm
CRI	≥ 70
SDCM	< 5
Lumen maintenance	100 000 h — L90B10
Photobiological safety	RG1

OPERATION AND APPROVALS

Ingress / impact	IP66 · IK09
Application area	Outdoor use only
Maintenance	Glass opening 8× T20, 1.6 Nm; LED modules replaced by the manufacturer only
Mounting height	Above 3 m a second fixing security system is mandatory
Approvals	CE marked, RoHS compliant

12 variants
Edition 2026

DKF293 ODIN M — article numbers

ARTICLE	DESIGNATION	POWER	FLUX	EFFICACY	DISTRIBUTION
600151431381	DKF293 14700LM 100W 740 I AST4 IC0	100 W	14 700 lm	147 lm/W	Asymmetric
600151431391	DKF293 14700LM 100W 740 I ASWD IC0	100 W	14 700 lm	147 lm/W	Asymmetric
600151431374	DKF293 15000LM 100W 740 I RS48 IC0	100 W	15 000 lm	150 lm/W	Symmetric
600151431309	DKF293 15000LM 100W 740 I RS33 IC0	100 W	15 000 lm	150 lm/W	Symmetric
600151431306	DKF293 15000LM 100W 740 I RS20D IC0	100 W	15 000 lm	150 lm/W	Symmetric
600151431410	DKF293 15000LM 100W 740 I RS10 IC0	100 W	15 000 lm	150 lm/W	Symmetric
600151431012	DKF293 18000LM 135W 740 I AST4D IC0	135 W	18 000 lm	133 lm/W	Asymmetric
600151431808	DKF293 18000LM 135W 740 I ASWD IC0	135 W	18 000 lm	133 lm/W	Asymmetric
600151431420	DKF293 18500LM 135W 740 I RS48 IC0	135 W	18 500 lm	137 lm/W	Symmetric
600151431036	DKF293 18500LM 135W 740 I RS33 IC0	135 W	18 500 lm	137 lm/W	Symmetric
600151431056	DKF293 18500LM 135W 740 I RS20D IC0	135 W	18 500 lm	137 lm/W	Symmetric
600151431362	DKF293 18500LM 135W 740 I RS10 IC0	135 W	18 500 lm	137 lm/W	Symmetric

All articles: 4000 K, CRI ≥ 70, IP66, housing RAL 7024, without control interface as standard. DALI, CASAMBI and D4i on request.

READING A DESIGNATION

DKF293 · flux · power · 740 (4000 K, CRI 70) · I (isolation class) · optic code · IC0 (no control interface).

OPTIC CODES

ASWD, AST4, AST4D — asymmetric distributions for façades, banners and parking areas. RS10, RS20D, RS33, RS48 — symmetric distributions for area and accent lighting.

DOCUMENTS CE declaration of conformity · UK declaration of conformity · Warranty declaration · Installation instruction DKF291–295

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