

DKF295 ODIN XL

					
POWER	EFFICACY	CCT	PROTECTION	IMPACT	DISTRIBUTION
205-315 W	143-151 lm/W	4000 K	IP66	IK09	AS / S

A high-output LED floodlight for large outdoor areas, high-mast installations, industrial and logistics sites, large parking areas and small or amateur sports fields. The robust yet slim die-cast aluminium housing delivers powerful illumination without unnecessary bulk, and the adjustable bracket positions the luminaire on masts, poles and supporting structures.

A wide selection of symmetrical and asymmetrical optics adapts the distribution to the dimensions and geometry of each site: high-mast illumination of large open spaces, storage and loading areas, transport terminals, community and amateur sports grounds — with accurate optical control that reduces spill light outside the illuminated area.

APPLICATIONS

Large outdoor areas and high-mast installations, industrial and logistics sites, large parking areas, small and amateur sports fields.

OPTICS

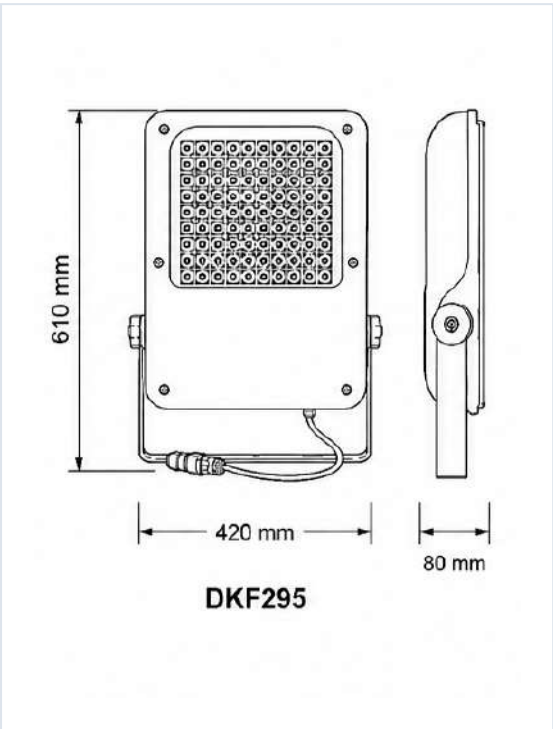
Asymmetric ASWD, AST4, AST4D
· Symmetric RS10, RS20D, RS33, RS48. Distribution is selected per article.

CONTROL

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



DKF295 — dimensions and specification



FRONT AND SIDE VIEW · ALL DIMENSIONS IN MM

MECHANICAL

Overall size L × W × T	610 × 420 × 80 mm
Weight	11.0 kg
Windage above/below · side	0.185 · 0.036 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	29 500–52 000 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

DKF295 ODIN XL — article numbers

ARTICLE	DESIGNATION	POWER	FLUX	EFFICACY	DISTRIBUTION
600151431065	Designation to be supplied	172 W	29 500 lm	144 lm/W	Asymmetric
600151431832	DKF295 29500LM 205W 740 I ASWD IC0	205 W	29 500 lm	144 lm/W	Asymmetric
600151431418	DKF295 31000LM 205W 740 I RS48 IC0	205 W	31 000 lm	151 lm/W	Symmetric
600151431064	DKF295 31000LM 205W 740 I RS33 IC0	205 W	31 000 lm	151 lm/W	Symmetric
600151431823	DKF295 31000LM 205W 740 I RS20D IC0	205 W	31 000 lm	151 lm/W	Symmetric
600151431822	DKF295 31000LM 205W 740 I RS10 IC0	205 W	31 000 lm	151 lm/W	Symmetric
600151421695	DKF295 32500LM 235W 740 I AST4D IC0	235 W	32 500 lm	138 lm/W	Asymmetric
600151431463	DKF295 32500LM 235W 740 I FT6WD IC0	235 W	32 500 lm	138 lm/W	Asymmetric
600151431464	DKF295 32500LM 235W 740 I ASWDD IC0	235 W	32 500 lm	138 lm/W	Asymmetric
600151431467	DKF295 34000LM 235W 740 I RS48D IC0	235 W	34 000 lm	145 lm/W	Symmetric
600151431468	DKF295 34000LM 235W 740 I RS33D IC0	235 W	34 000 lm	145 lm/W	Symmetric
600151431469	DKF295 34000LM 235W 740 I RS20D IC0	235 W	34 000 lm	145 lm/W	Symmetric
600151431393	DKF295 36900LM 258W 740 AST4D IC0	258 W	36 900 lm	143 lm/W	Asymmetric
600151431329	DKF295 36900LM 258W 740 I ASWD IC0	258 W	36 900 lm	143 lm/W	Asymmetric
600151431417	DKF295 38000LM 258W 740 I RS48 IC0	258 W	38 000 lm	147 lm/W	Symmetric
600151431031	DKF295 38000LM 258W 740 I RS33 IC0	258 W	38 000 lm	147 lm/W	Symmetric
600151431813	DKF295 38000LM 258W 740 I RS20D IC0	258 W	38 000 lm	147 lm/W	Symmetric
600151431416	DKF295 38000LM 258W 740 I RS10 IC0	258 W	38 000 lm	147 lm/W	Symmetric
600151421749	DKF295 41500lm 300W 740 I FT6W IC0	300 W	41 500 lm	138 lm/W	Asymmetric
600151431425	DKF295 41500lm 300W 740 I ASWD IC0	300 W	41 500 lm	138 lm/W	Asymmetric
600151431511	DKF295 41500lm 300W 740 I AST4D IC0	300 W	41 500 lm	138 lm/W	Asymmetric
600151431034	DKF295 43000lm 300W 740 I RS20D IC0	300 W	43 000 lm	143 lm/W	Symmetric
600151431470	DKF295 43000lm 300W 740 I RS48D IC0	300 W	43 000 lm	143 lm/W	Symmetric
600151431471	DKF295 43000lm 300W 740 I RS33D IC0	300 W	43 000 lm	143 lm/W	Symmetric
600151431020	DKF295 50000LM 315W 740 I AST4T IC0	315 W	50 000 lm	159 lm/W	Asymmetric
600151421888	DKF295 50000LM 315W 740 I ASWDT IC0	315 W	50 000 lm	159 lm/W	Asymmetric
600151421927	DKF295 52000LM 315W 730 FT6WT IC0	315 W	52 000 lm	165 lm/W	Asymmetric
600151431027	DKF295 52000LM 315W 740 I RS48T IC0	315 W	52 000 lm	165 lm/W	Symmetric

All articles: CRI ≥ 70, IP66, housing RAL 7024, without control interface as standard; 4000 K except article 600151421927 (3000 K). DALI, Casambi and D4i on request.

DKF295 ODIN XL — article numbers

READING A DESIGNATION

DKF295 · 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.

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