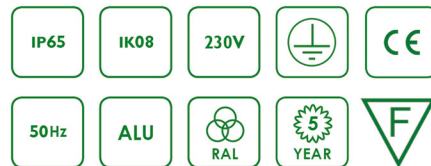


Floodlighting

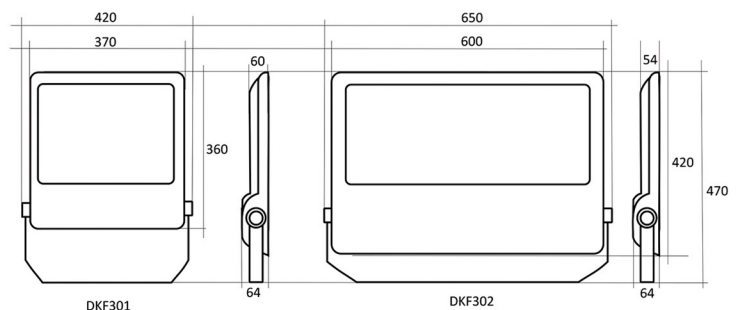


DKF 301/302



Type	DKF 301/302
Light source	LED module
Driver	Driver included Philips
Mains voltage index	220 - 240 V / 50 - 60 Hz
Power	106 - 235 W depending on type
Luminaire efficacy	>0,95
Luminous flux	12000 - 27000 lm depending on type
Colour rendering index	>70
Correlated Color Temperature (CCT)	4000 K
Maintenance of lumen output - L80F10	25°C - 100000 hours 40°C - 50000 hours
Maintenance	Opening with screw

Operating temperature range	-25 to +40 °C
Optic	Symmetrical or Asymmetrical depending on type
Optical cover	Glass, flat
Body material	Housing: high-pressure, die-cast aluminium
Installation	U-shaped mounting bracket with standard bolts and nuts
Color	Grey
Impact resistance	IK08
Ingress protection	IP65
Electrical safety	Class I
Surge protection	6 kV
Application	- Industrial areas - Parking lots - Building facades - Billboards



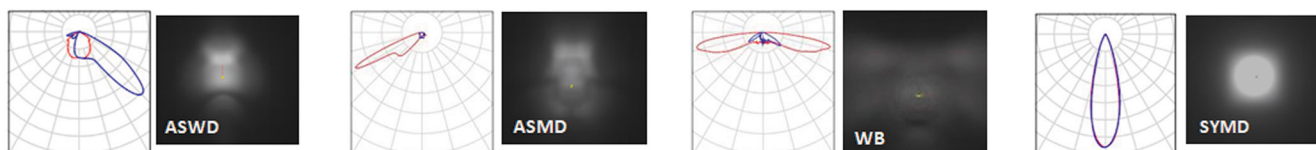
Benefits

- Entry level LED luminaire with lowest initial capital investment
- Slim aesthetic design
- Essential reducing energy consumption with Philips driver
- Reliable quality
- Energy efficiency more than 100 lm/W
- Asymmetrical and symmetrical optics
- Modest initial investments
- Shortened payback period
- Replacement for all ranges of conventional luminaires with HID lamps HPI/SON/NAV/... from 250 to 400W

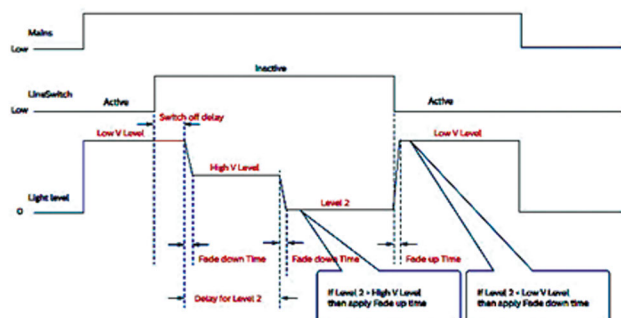
Product family range

Code	Type	LED current	Initial luminous flux lm	Power,W	Lm/W
600151431007	DKF301 LED120 106W 740 I SYMD	0,7	12000	106	113,21
600151431008	DKF301 LED120 106W 740 I ASMD	0,7	12000	106	113,21
600151431009	DKF301 LED120 106W 740 I ASWD	0,7	12000	106	113,21
600151431010	DKF301 LED150 128W 740 I SYMD	0,7	15000	128	117,19
600151431011	DKF301 LED150 128W 740 I ASMD	0,7	15000	128	117,19
600151431012	DKF301 LED150 128W 740 I ASWD	0,7	15000	128	117,19
600151431013	DKF301 LED180 157W 740 I SYMD	0,7	18000	157	114,65
600151431014	DKF301 LED180 157W 740 I ASMD	0,7	18000	157	114,65
600151431015	DKF301 LED180 157W 740 I ASWD	0,7	18000	157	114,65
600151431016	DKF302 LED210 185W 740 I SYMD	0,8	21000	185	113,51
600151431017	DKF302 LED210 185W 740 I ASMD	0,8	21000	185	113,51
600151431018	DKF302 LED210 185W 740 I ASWD	0,8	21000	185	113,51
600151431019	DKF302 LED240 212W 740 I SYMD	0,7	24000	212	113,21
600151431020	DKF302 LED240 212W 740 I ASMD	0,7	24000	212	113,21
600151431021	DKF302 LED240 212W 740 I ASWD	0,7	24000	212	113,21
600151431022	DKF302 LED270 235W 740 I SYMD	0,7	27000	235	114,89
600151431023	DKF302 LED270 235W 740 I ASMD	0,7	27000	235	114,89
600151431024	DKF302 LED270 235W 740 I ASWD	0,7	27000	235	114,89

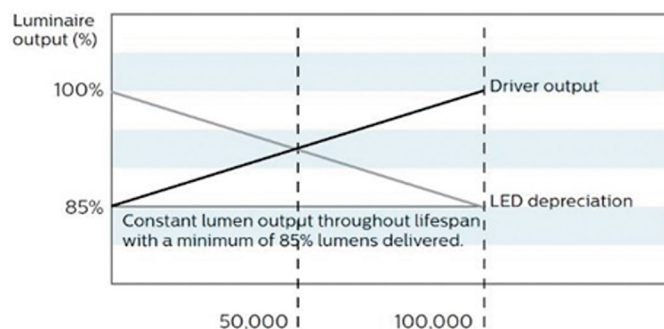
Driver built-in overvoltage protection - 6 kV



Single wire switching – “Line Switch”

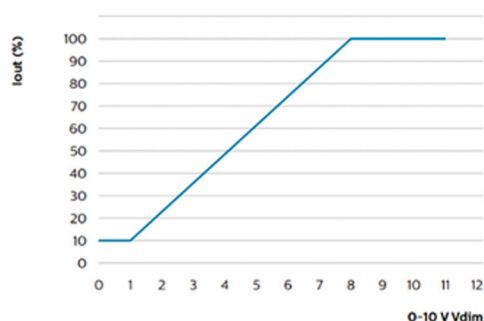


Constant Light Output – “CLO”

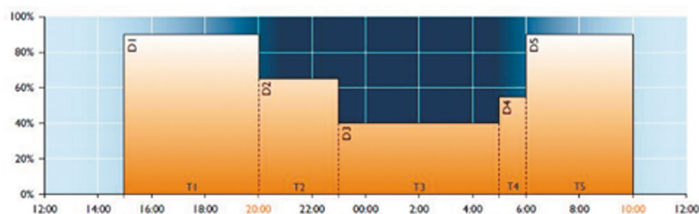


0-10V dimming

Output Current versus Voltage



Auto dimming – “Dynadimmer”





OUTDOOR LUMINAIRES