

# ZY228 90W Floodlight 5700K

## PRODUCT INFORMATION

Product code	IE60178
Product code (long)	IE-FL-ZY228-90-8100-5700K-120
Product description	ZY228 90W Floodlight 5700K
Category	Floodlight

## ELECTRICAL DATA

Nominal wattage	90 W
Rated wattage	90.0 W
Nominal voltage	220-240 V
Operating frequency	50-60 Hz
Nominal current	409 mA
Power factor	0.9

## PHOTOMETRIC DATA

Nominal luminous flux	8100 lm
Rated luminous flux	8100 lm
Nominal beam angle (half-peak value)	45° hor
Rated beam angle (half-peak value)	45° hor
Rated peak intensity	1485 cd
Correlated colour temperature	5700 K
Colour temperature designation	cool white
Colour rendering index (Ra)	70+ Ra
Colour consistency	<= 6 SDCM
Warm-up time to reach 60% of full light	<= 1.0 s

## MECHANICAL DATA

Overall length	248 mm
Overall width	179 mm
Overall height	62 mm
Weight	2.0 kg
Mounting	adustable stirrup
Tilting	fully tiltable

## LIFE SPAN

Nominal life time	30000 h
Rated life time	30000 h
Number of switching cycles	15000
Lumen main.fact.at end of nom.life time	70%

## ADDITIONAL TECHNICAL INFORMATION

Starting time	< 0.5 s
Optimum operating ambient temperature	-25 °C to +40 °C
Lamp finish	anodized aluminium
Dimming	non-dimmable
Electrical protection class	Class I
IP rating	IP65

