



The Kwela Floodlight is an advanced modular LED luminaire designed for high-mast and area lighting where extreme conditions prevail. Utilising an aluminium extrusion heatsink, the Kwela is able to effectively cool and maintain superior lumen output no matter the conditions.



General Data

Housing	Extruded Aluminium	
Diffuser	Impact resistant Acrylic optics	
Surge protection	10kV/kA	20kV/kA optional
Housing finish	Powder Coated	
Mounting	Stirrup mounted	
Type	Pole with bracket/Mast	
Nominal Voltage	198V - 240V 50/60Hz	
Operating temperature	-35 °C to + 50 °C	

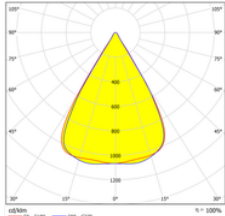
Technical Data

Full product name	Luminous Flux	Efficacy	Weight	LED Lifetime
Kwela 80W LED Floodlight	10,400	130lm/w	3.6kg	100,000hrs
Kwela 100W LED Floodlight	13,000	130lm/w	3.6kg	100,000hrs
Kwela 120W LED Floodlight	15,600	130lm/w	3.6kg	100,000hrs
Kwela 150W LED Floodlight	19,500	130lm/w	5.9kg	100,000hrs
Kwela 200W LED Floodlight	26,000	130lm/w	5.9kg	100,000hrs
Kwela 240W LED Floodlight	31,200	130lm/w	5.9kg	100,000hrs
Kwela 300W LED Floodlight	39,000	130lm/w	9.9kg	100,000hrs
Kwela 350W LED Floodlight	45,000	130lm/w	9.9kg	100,000hrs
Kwela 400W LED Floodlight	52,000	130lm/w	12.5kg	100,000hrs
Kwela 500W LED Floodlight	65,000	130lm/w	12.5kg	100,000hrs
Kwela 600W LED Floodlight	78,000	130lm/w	18.5kg	100,000hrs
Kwela 700W LED Floodlight	91,000	130lm/w	19.3kg	100,000hrs
Kwela 800W LED Floodlight	104,000	130lm/w	25.4kg	100,000hrs
Kwela 1000W LED Floodlight	130,000	130lm/w	25.6kg	100,000hrs
Kwela 1200W LED Floodlight	156,000	130lm/w	29.5kg	100,000hrs
Kwela 1500W LED Floodlight	195,000	130lm/w	29.5kg	100,000hrs

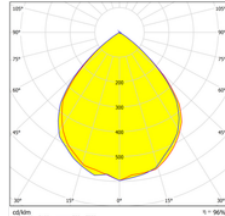
*All specifications are indicative only and could differ from final product

Polar curves

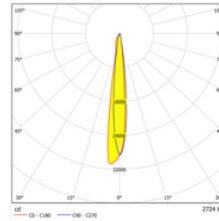
60 Degrees



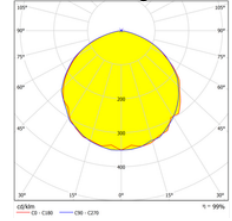
90 Degrees



Narrow Precision Sport Field



120 Degrees



Ordering Data (*optional)

Colours: Black

CCT: *3000K / *4000K / 5000K / *5500K

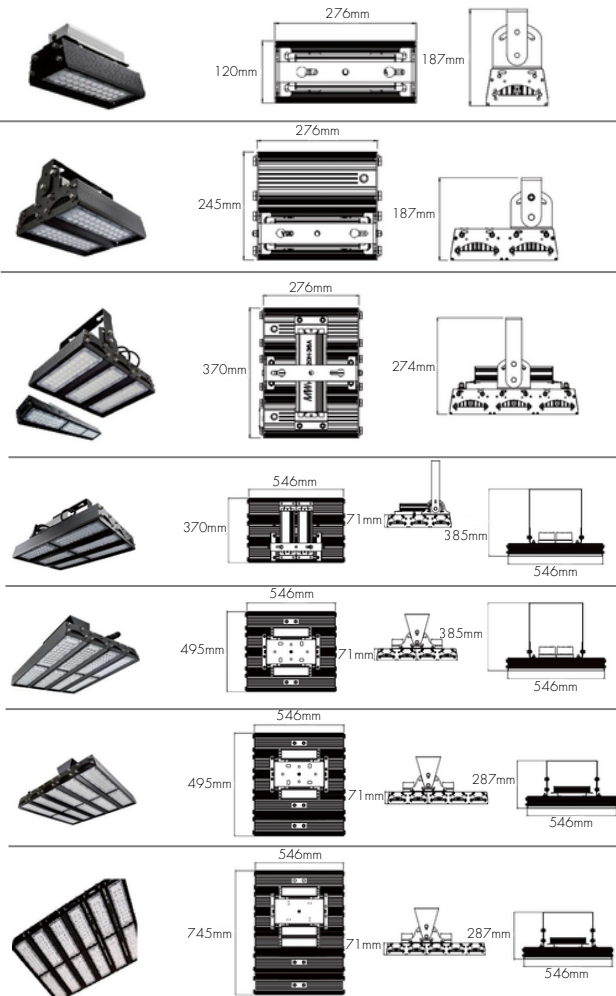
Features IP65 / Separate control gear compartment / Several optics available

Installation: 10m to 35m mounting height

Accessories: Pole top flood bracket

Applications: Masts / Perimeter lighting / Security / Parks

Dimensions



Mounting instructions

- Ensure that the power has been disconnected from the pole/Mast
- Remove existing fitting if present
- Connect the 220V incoming line to the supplied "pigtail"
- Bolt the luminaire over the pole
- Tighten the bolts to no more than 1.5nm
- Test the luminaire to ensure that it is functioning correctly
- **NB - This luminaire must be installed by an accredited and qualified electrician**

Locally manufactured *the images shown are for illustration purposes only and may not be an exact representation of the final product. 5 Year warranty (terms and conditions apply)