

# Efficient Light

Built to last.



## MINESPEC LED 280K-9

### ECONOMIC LIGHT

50,000 hours of life for every light.

### BUILT TOUGH

Built to the highest standards.

### SUPER SAFE

Designed with the latest safety innovations.



Construction  
& Civil



Mining &  
Quarries



Rental



Industrial



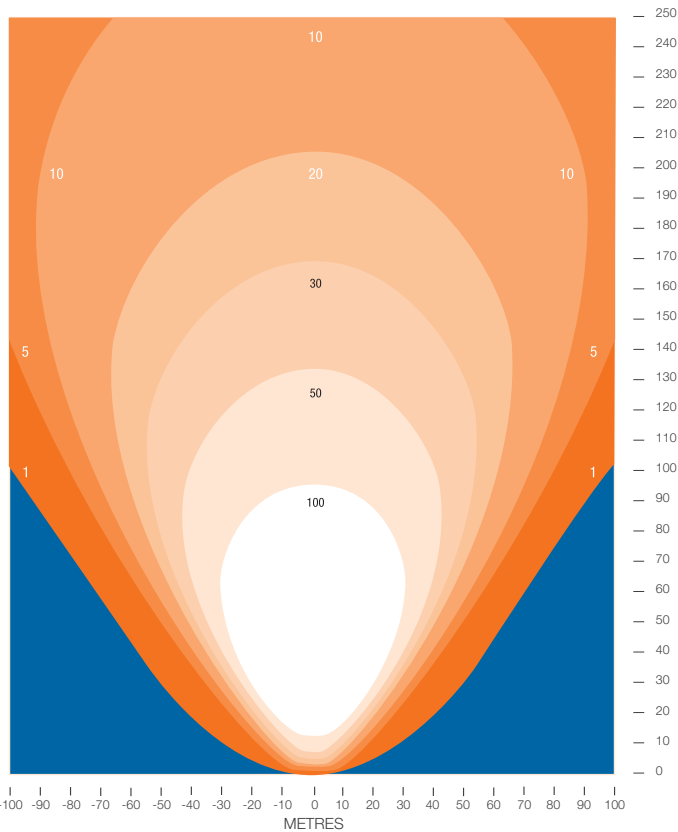
Agriculture



WE KNOW WHERE WE STAND

- No loss of light output after stabilisation
- Each LED flood light provides 28,000 effective lumens after stabilisation (IES standard - LM 79-08). Photometric Light Plots based on NATA approved testing parameters confidently state that the light output will match field testing
- Perkins 2cyl water-cooled engine
- Extra low voltage (DC). OH&S risk elimination
- Stabilised power consumption of the LED is 300W nominal
- 10 x 300W low-glare, RFComSafe lamps producing 280,000 lumens
- Refuel every 2.5 weeks (on basis of 12 hour operation each night)
- 13t annual carbon footprint reduction per tower compared with metal halide equivalent
- SmartGen Control System with start/stop, location tracking and performance monitoring (optional)
- Complete plug and play system with no hard wired componentry makes for easy part and loom servicing or replacement
- 50,000 hours of life per light
- 500-hour service intervals
- Light instant-on (no warm-up/cool down)
- Built in Australia

<b>Height</b>	2.49m (8' 2")
<b>Length</b>	4.71 (15' 5")
<b>Width</b>	2.08m (6' 10")
<b>Weight (Wet)</b>	1,630kg (3,594lb)
<b>Fuel</b>	Diesel
<b>Fuel Capacity</b>	300L (79 US Gallons)
<b>Fuel Tank</b>	LLPDE
<b>Fuel Consumption</b>	1.42 L/hr (0.38 US Gallons)
<b>Engine</b>	Perkins 402D-05
<b>No. Engine Cylinders</b>	2
<b>Engine Aspiration</b>	Naturally aspirated
<b>Alternator</b>	FB4-48/100
<b>Power Generation</b>	Extra low voltage (DC)
<b>Electrical System</b>	48VDC
<b>No. Lights</b>	10
<b>Type of Lights</b>	300W LED
<b>Total Light Output</b>	280,000 lumens
<b>Light Tilt</b>	Hydraulic
<b>Mast Rotation</b>	144° manual
<b>Mast Raise/Extension</b>	9m (29' 6") hydraulic
<b>Trailer</b>	Single axle
<b>Tire and Rim Size</b>	205 R16
<b>Stabiliser Supports</b>	4 x wind down
<b>Tow Hitch</b>	50mm ball (1.9") 2000kg (4409lb)
<b>Also Includes</b>	2 Pole Bosch battery isolator with locksafte actuator (Red) 1 Pole starter motor isolator (Yellow) Anderson jump start receptacle Emergency stop button Timer start/stop functions



OPTIONS

- Hydraulic light bar rotation
- Hydraulic post rotation
- Hydraulic stabiliser legs
- CAT jumpstart
- Wiggins Fast Fill
- Additional 90L fuel tank
- Wheel chocks
- Heavy duty drag skid
- Twin axle trailer
- Coal mining wiring specs
- Fire extinguisher
- Remote comms
- GPS location

LAMPS  
POWERED  
BY HELLA



Final weight and dimensions will depend on completed specifications and options, subject to manufacturing tolerances. All the information in this document is substantially correct at the time of creation and may be altered at the manufacturer's sole discretion. Any quotes and related material provided supersedes the contents hereof.