

# EFFECTIVE LIGHT.

**ALLIGHT**  
**MSGEN3**  
SMARTER. BRIGHTER. TOUGHER.

## MINESPEC GEN3 HYDRAULIC

### ECONOMIC LIGHT

50,000 hours of  
life for every light.

### BUILT TOUGH

Built to the highest  
standards.

### SUPER SAFE

Designed with safety  
at the front of mind.



Allight is the  
exclusive  
distributor  
of Perkins  
engines



Construction  
& Civil



Mining &  
Quarries



Rental



Industrial



Agriculture

**ALLIGHT**

 **Perkins®**

# MINESPEC GEN3 HYDRAULIC

Allight's MineSpec light tower with hydraulic stabilisers is designed for the harshest conditions, with each LED floodlight delivering 66,000 effective lumens after stabilisation.

Built in Western Australia, you can count on the Allight MineSpec Gen3 Hydraulic for long-lasting performance. Put your trust in Allight and invest in reliability.

## LIGHTS

|                        |   |
|------------------------|---|
| Type                   | Allight LED<br>Third party certified to IES LM79-19 |
| Total output (lm)      | 264,000   |
| Number of lights       | 4   |
| Lights power (W)       | 450   |
| Lights efficacy (lm/W) | 147   |
| Lifetime (h)           | 50,000  |

## MAST

|                              |           |
|------------------------------|-----------|
| Height (m)                   | 9         |
| Mast extension               | Hydraulic |
| Mast manual rotation (°)     | 144       |
| Light bar tilt (°)           | 94        |
| Light bar rotation (°)       | 355       |
| Light bar title and rotation | Hydraulic |

## ENGINE

|                              |  |
|------------------------------|--|
| Type                         | Perkins 402-05D naturally aspirated          |
| Speed (rpm)                  | 1800   |
| Fuel consumption (l/hr)      | 0.85   |
| Running time on per tank (h) | 353  |
| Service requirements (hr)    | 500  |
| Fuel tank size (l)           | 300  |
| Fuel tank type               | LLDPE  |
| Filter                       | Spin on fuel filter, Perkins dual air filter |
| Noise levels dB(A)@7m        | 65   |

## ALTERNATOR / GENERATOR

|                  |                   |
|------------------|-------------------|
| Type             | Sincro FB4-48/100 |
| Voltage (VDC)    | 48                |
| Max. power (kWe) | 3.9               |

## CONTROLLER AND COMMUNICATION

|                             |                               |
|-----------------------------|-------------------------------|
| Engine and light controller | SmartGen ALC708               |
| Functions                   | Clock, auto start/stop, timer |

## TRAILER

|                                |  |
|--------------------------------|--|
| Axle                           | Single   |
| Stabilisers                    | 4 x hydraulic                                  |
| Suspension                     | Heavy duty 9 leaf steel                        |
| Brakes                         | Mechanical override cable operated disc brakes |
| Wheels                         | Tyre and rim size 205 R16                      |
| Tow connection                 | 2t, 50mm tow ball with 4 x Hamlok and 2 x HOOK |
| Electrical connection          | Small 7 pin connector                          |
| Max tow speed (km/h)           | 80   |
| Max wind load to AS1170 (km/h) | 100  |

## DIMENSIONS AND WEIGHTS (MAXIMUM)

|                                 |                    |
|---------------------------------|--------------------|
| Transport HxWxL (m)             | 2.49 x 2.08 x 4.71 |
| Wet weight (t)                  | 1.63               |
| Number of units on 40ft trailer | 3                  |

## INCLUSIONS

|  |                                     |
|--|-------------------------------------|
| Safe two hand operation                                      | Exhaust blanket                     |
| 1 pole starter motor isolator (yellow)                       | 2 x wheel chocks                    |
| Andersen jump start receptacle                               | Strap load binder                   |
| Emergency stop button  | 9kg fire extinguisher               |
| Mudguards  | Traffolyte pinned labels            |
| Battery box  | Tow / fault acoustic safety feature |
| Water separator from diesel                                  | 100mm black label                   |
| Wiggins oil evacuation                                       |                                     |
| 2 pole Bosch battery isolator with locksafe actuator (red)   |                                     |
| Hydraulic lock - block the raise of the legs when mast is up |                                     |

## STANDARD OPTIONS

Additional two 450W light and total light output becomes 396,000 lumens and fuel consumption is 1.07 litres per hour

Remote Services – NEXTG. GPS Location, ON/OFF, Web and APP Mactrack G120, 2yr subscription, SIM not included

4 x Hamlok + 2 x HOOK Two additional wheel chocks

Flat 7 pin trailer adapter Tow ring

Filter kit

## CUSTOM OPTIONS

Allight has nearly 40 years of experience in customising light towers to customer specification. Contact your sales representative for any of the options below or for your specific project needs.

8-18 lights 450W light 1000 hour service kit

Dual axles or skid based Electric brakes

Customised componentry Custom colour finish

Hydraulic coolant, oil evacuation points

