

EFFECTIVE LIGHT.

ALLIGHT
MSGEN3
SMARTER. BRIGHTER. TOUGHER.

MINESPEC GEN3 MANUAL

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®**

Allight's MineSpec light tower with manual 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 Manual for long-lasting performance. Put your trust in Allight and invest in reliability.

LIGHTS

Type	Allight LED 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 tilt 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
Maximum 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 manual wind down
Suspension	Heavy duty 9 leaf steel
Brakes	Mechanical override cable operated
Wheels	Tyre and rim size 205 R16
Tow connection	2t, 50mm tow ball with shackles
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	4.5kg fire extinguisher
Mudguards	Vinyl labels
2 pole Bosch battery isolator with locksafe actuator (red)	

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	
Battery box	Two additional wheel chocks
Water separator from diesel	Tow ring
4 x Hamlok + 2 x HOOK	Upgrade labels to traffolyte
Flat 7 pin trailer adapter	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
Tow / fault acoustic safety feature	Custom colour finish
Customised componentry	Hydraulic coolant, oil evacuation points

