

LIGHT TOWER SPECIFICATION SHEET

MineSpec Gen3 Hydraulic

EFFECTIVE LIGHT.

LIGHT

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 M & Civil G

Mining & Rental Quarries Industrial Agriculture

ALLIGHT Serkins

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.

LIGHTSTypeAllight LED
Third party certified to IES LM79-19Total output (Im)264,000Number of lights4Lights power (W)450Lights efficacy (Im/W)147Lifetime (h)50,000

MAST

INAU I	
Height (m)	9
Mast extension	Hydraulic
Mast manual rotation (°)	144
Light bar tilt (°)	94
Light bar rotation (°)	355
Light bar tilt and rotation	Hydraulic
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ENGINE

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

ALTERNATOR / GENERATOR

Туре	Sincro FB4-48/100
Voltage (VDC)	48
Maximum power (kWe)	3.9
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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

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 le	gs 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

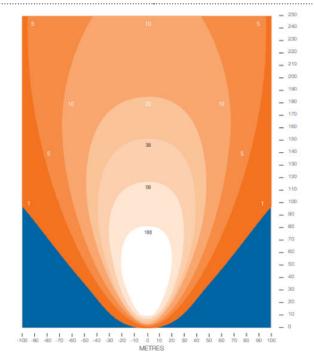
4 x Hamlok + 2 x HOOK	Two additional wheel chocks
Flat 7 pin trailer adapter	Tow ring
Filter kit	

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
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Hydraulic coolant, oil evacuation points



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. MKT-ALL-SCS-0002.03