

PIT MASTER LED HYBRID BATTERY LIGHTING TOWER 7HBLT2100



PIT MASTER

LED LIGHTING TOWERS

AUSTRALIA'S LEADING
MINE SPEC LIGHTING
COMPANY

THE FUTURE OF SUSTAINABLE LIGHTING

The 7HBLT Hybrid LED Lighting Tower delivers exceptional performance, sustainability, and cost efficiency. Engineered for mine sites, construction zones, and large-scale outdoor applications, this cutting-edge tower is the ultimate solution for reducing emissions while maximizing brightness and durability.



World
Leading CO
Reduction
Technology

Up to 66% Carbon Emission Reduction

Over 60% Reduction in Running Costs

Reduced Servicing by 75% per annum

Helping You Meet Your 2030 Carbon Reduction Targets

World's
Leading
Manufacturer
of Customer
Solutions

The world's leading manufacturer of the most powerful Extra Low Voltage LED Lighting Towers available and the only manufacturer that provides a full range of LED Lighting Towers for all applications within the Mining, Industrial and Construction sectors.

TRUSTED BY MAJOR MINE SITES AND ALL CONSTRUCTION COMPANIES



International Services



Innovative Low Cost Solutions



High Quality, Reliable Products



Continuous Improvement



SCIG

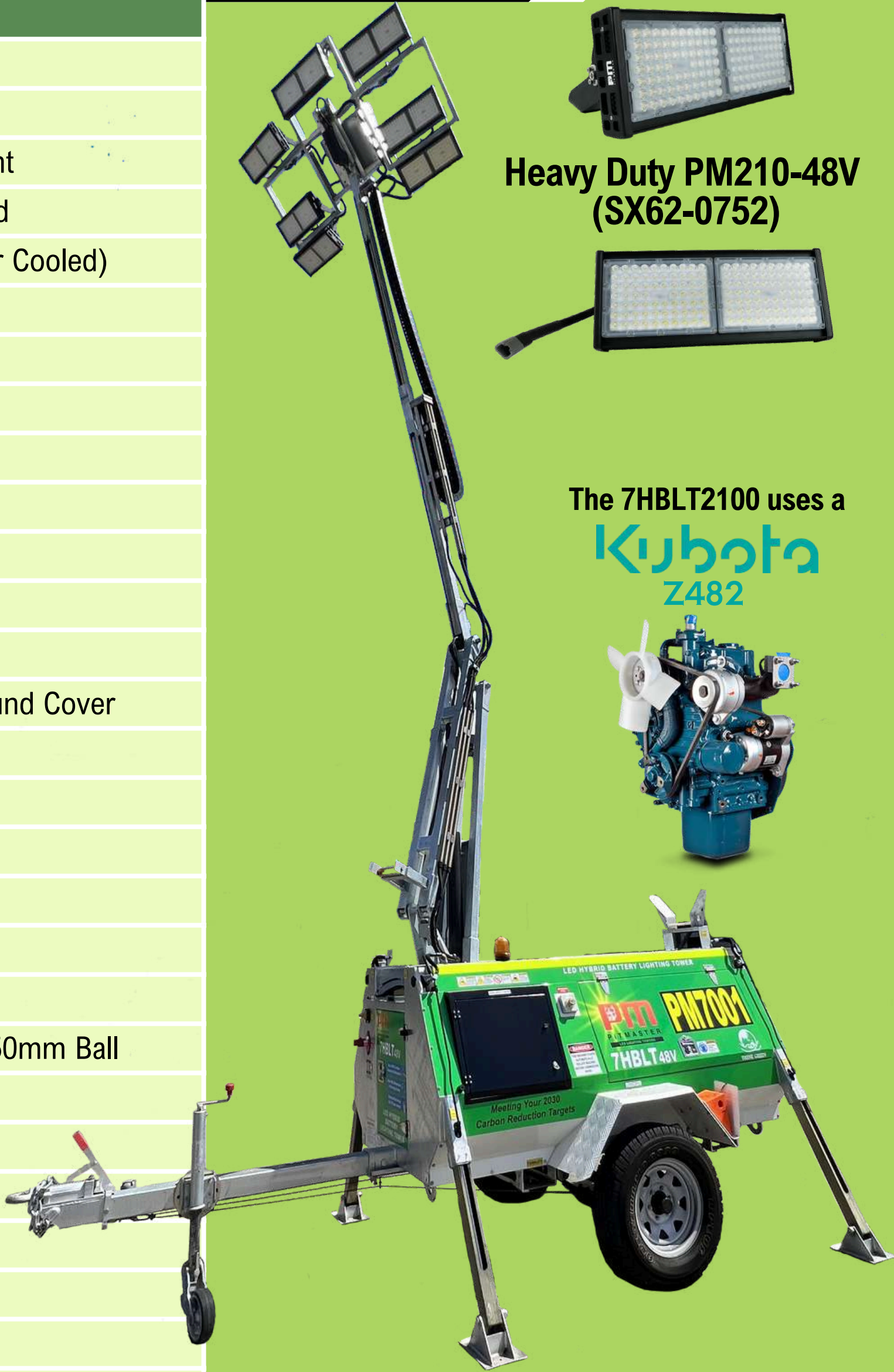


Phone 1300 14 SCIG

FIND OUR FULL RANGE OF LIGHTING TOWERS AT
WWW.PITMASTER.COM.AU

7HBLT2100-48V Specifications

Mine Specifications	
Fuel	Diesel/Battery
Fuel Capacity	180 Liters
Fuel Consumption	0.5 Liters Per Hour of Light
Engine	Kubota Z482 - As Standard
Alternator	Axial Magnetic Flux (Water Cooled)
Alternator IP Rating	IP68
Power Generation	6.5 kW
Electrical Systems	48 Volt DC
Battery System	Li-Po4
Battery Capacity	40.3 kWh
Battery Monitoring System	CanBus
No. of Lights	Flexible 6-8
Light Tilt	Electrical
Mast Rotation	Hydraulic 340° 100% Ground Cover
Mast Raise	9.0m Hydraulic
Wind Rating	CERT135 - 110km/h
Trailer Chassis	Hot Dipped Galvanised
Tyre and Rim Size	225/75R16
Wheel Nut Indicators	Standard Fitment
Stabiliser Leg Support	Hydraulic
Tow Hitch	2.5T 75mm Ring or 2.5T 50mm Ball
Battery Isolator	Standard Fitment
Starter Isolator	Standard Fitment
Jumpstart	Anderson
Wheel Chocks	Standard Fitment
Emergency Stop	Standard Fitment
Fire Extinguisher	4.5kg
Rotating Beacon	Standard Fitment
Jockey Wheel	Standard Fitment RHS Heavy Duty
Towing Strap for Light Bar	Standard Fitment
MDG15 Electrical	Standard Fitment
MDG41 Hydraulic	Standard Fitment
AS-4242:1994	Compliant
ADR and VBS01	Compliant
Safety Chain Compliance	Conforms to AS 3776:2015 & ADR 62/02
Automatic Fire Suppression	Fireball or Custom
Oil Recovery	Oil Evacuation Kit
Fuel Recovery	Fuel Evacuation Tap
Telematics	Optional
Remote Control	Optional



The 7HBLT2100 uses a

Kubota
Z482

Lighting Specifications	
Total Light Output	367,500 Lumens
Lighting Area	1,135m ² at 5 lux
Light Type	High-efficiency 300W LED Pitmaster™ optics
Light Intensity Control	Adjustable brightness from 1,800W to 2,400W
Power Consumption	2,100W at full brightness

Dimensions	
Height	2,570 mm
Length	4,385 mm
Width	2,312 mm
Mast Extended Height	9.0 m
Weight (ATM)	1,950 kg
Weight (Tare)	1,700 kg

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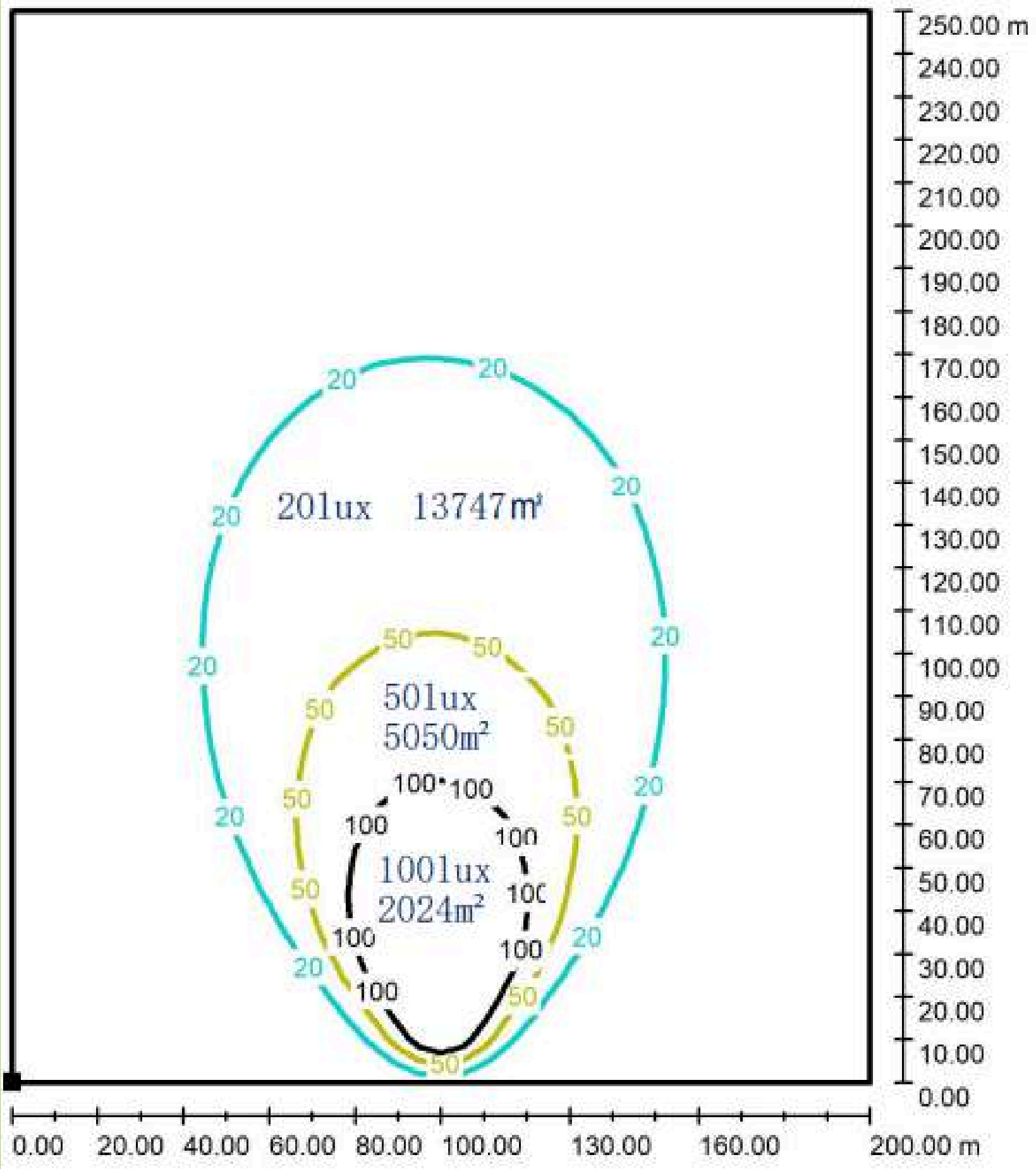
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7HBLT2100 Light Plots

Values in Lux (lx),Scale 1:1955



Light Plot Specifications

Grid	52x50
Height	9.0m
Average Luminous Flux	18lx
Maximum Luminous Flux	261lx

Values in Lux (lx),Scale 1:2121

