



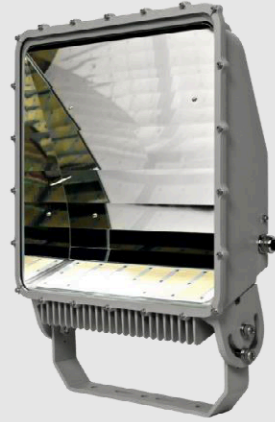
# Flood Lighting

**SESIN GigaTera<sup>®</sup>**  
beyond light

Area Flood Lighting

## MAHA

- \*) New standard for High Mast light
- \*) Dimming control using wireless communication
- \*) Built-in 20kV surge protector
- \*) Ultimate 1 to 1 replacement for 1kW HID(MA400W)
- \*) Outstanding energy saving with 130 lm/W luminous efficiency
- \*) Warranty : 5 Years / Life Time : 50,000hrs
- \*) Application : Ports, Airport aprons, Container terminals  
: Sporting facilities, Parking lots.



## Energy-saving lights pay dividends for city



**LIGHTING THE WAY :**  
The energy-efficient which earned the city a R1.1m prize

THE Nelson Mandela Bay Municipality has scooped an international award for its energy-efficient street lights in Walmer township, earning the city R1.1-million in prize money to roll out the project in other disadvantaged areas.

The municipality shares the Access to Electricity Award with the Energy and Resources Institute in India, and each will get €75 000 for using energy-efficient lighting. The announcement was made by French electric utility company, EDF, last week, but the official awards ceremony will only take place in Paris on April 30.



**GigaTera<sup>®</sup>**  
beyond the light

## Specifications

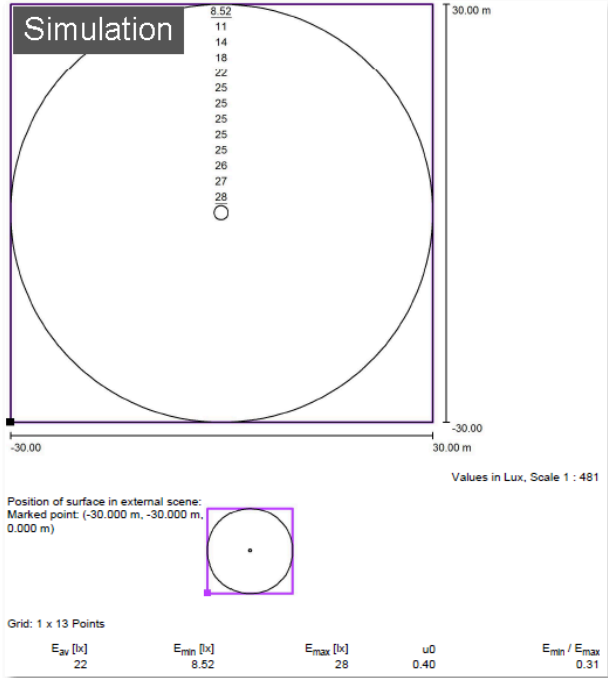
\* Tolerance : ± 5%

Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Weight	Life Time	Input Voltage	Operation Temperature
MA200	200W	130 lm/W	26,000 lm	5000K (3000K, 4000k available)	80 Ra	10 kg / 22.1 lb	50,000 hrs	AC100~277V AC347~480V	-30°C~55°C/-22°F~131°F
MA300	300W		39,000 lm			15 kg / 33.1 lb			-30°C~55°C/-22°F~131°F
MA400	400W		52,000 lm			20 kg / 44.0 lb			-30°C~53°C/-22°F~127°F

# Flood Lighting

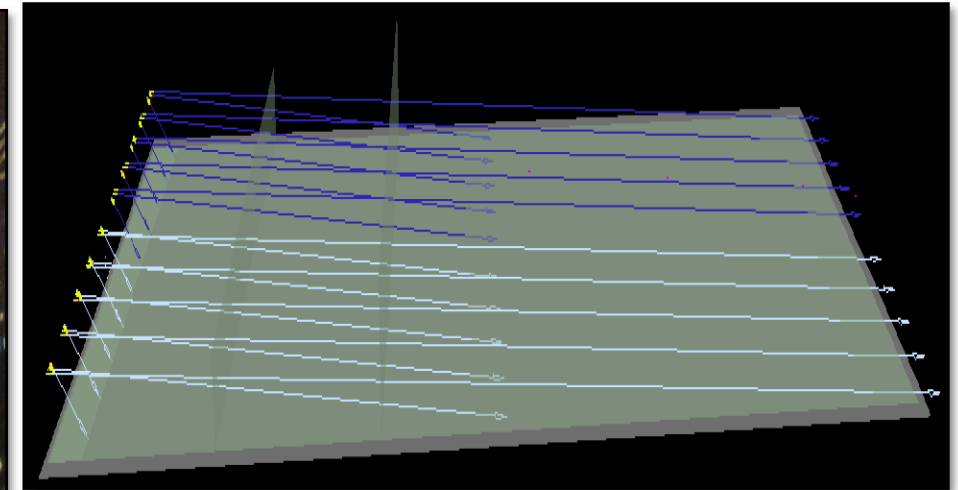
# MAHA 200W

# PALU CITY

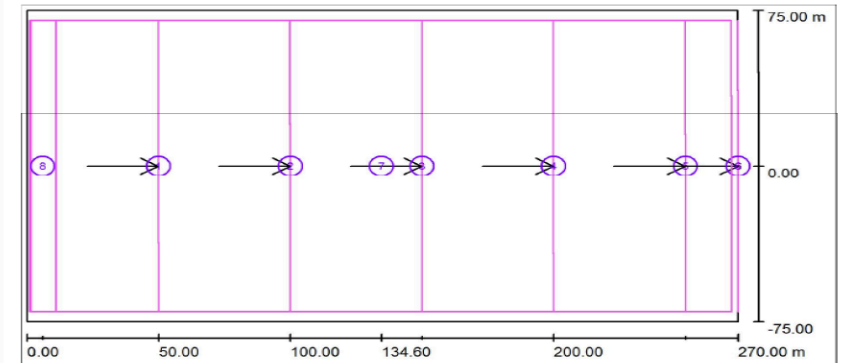




PT.SESIN TEKNOLOGI



Exterior Scene 1 / Calculation surfaces (results overview)



Scale 1 : 1931

Calculation Surface List

No.	Designation	Type	Grid	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u0$	$E_{min} / E_{max}$
1	Vertical Calculation Surface 50m	vertical, 180.0°	3 x 28	211	79	369	0.377	0.215
2	Vertical Calculation Surface 100m	vertical, 180.0°	5 x 28	98	30	154	0.312	0.198
3	Vertical Calculation Surface 150m	vertical, 180.0°	6 x 28	59	18	98	0.312	0.189
4	Vertical Calculation Surface 200m	vertical, 180.0°	5 x 28	49	22	69	0.460	0.324
5	Vertical Calculation Surface 250m	vertical, 180.0°	4 x 28	41	25	51	0.604	0.482
6	Vertical Calculation Surface 270m	vertical, 180.0°	3 x 28	40	26	46	0.662	0.567
7	Horizontal Calculation Surface	horizontal	53 x 28	18	1.51	166	0.084	0.009
8	Horizontal Calculation Surface box area	horizontal	3 x 47	125	57	168	0.457	0.340

LED Flood Lighting

**MH RGB\_MAHA-RGB**

- \*) Automatic RGB Color Conversion
- \*) Efficient lighting controls through a lighting control system
- \*) Excellent Cooling Structure
- \*) Diverse Mounting Options
- \*) Warranty : 5 Years / Life Time : 50,000hrs
- \*) Application : Ports, Airport aprons, Container terminals, Sporting facilities, Parking lots



**Specifications**

\* Tolerance : ± 5%

Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Weight	Life Time	Input Voltage	Operation Temperature
MA070-RGB	70W	-	-	Full Color	80 Ra	10kg / 22.1 lb	50,000hrs	AC100~277V	-30°C~55°C
									-22°F~131°F

Body  
Cover  
Finish

Cast Aluminum  
Tempered Glass 4T (Clear)  
Power Coating

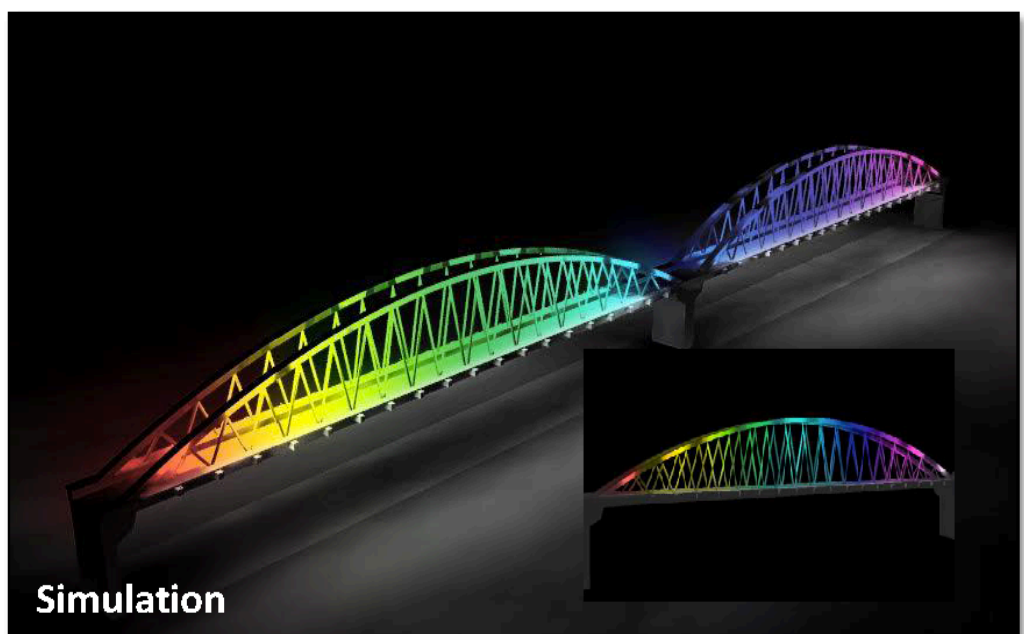
Mounting Option  
Light Distribution  
Control System

Swivel Bracket / Pole Mount / Mount Bracket  
Asymmetric Wide  
Wireless / Wired (RS-485)

# Flood Lighting

# MH RGB 70W

# Area Flood Lighting



# Result

# Flood Lighting

# MH RGB 70W

# Area Flood Lighting

