

MARACANA

Flood light

Description

Maracana is a high-quality aluminum profile-based LED flood light.

It includes a heat-dissipating aluminum ventilation system that ensures consistent performance.

This type of flood light saves a significant amount of energy.

In addition, Maracana is characterized by its toughness and resistance to mechanical shocks, which are likely to degrade or alter the flood light's functionality.

Photo: Example 3 modules



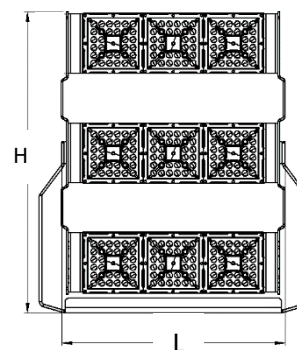
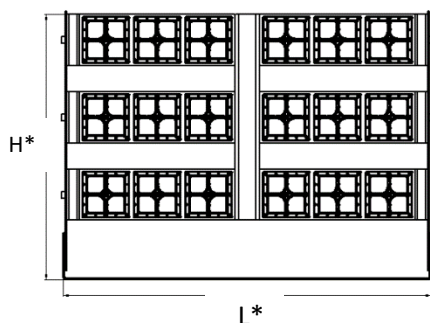
Product details

General characteristics	
Driver	Mean Well
Driver included	Yes
IEC protection class	Safety class I / II (According to request)
LED type	SMD
Number of power modules	1 – 8 (According to power)
Approval and application	
Ingress protection code	IP67 [Protection against dust penetration, protection against the effects of temporary disposal (up to 1 m) and for 30 minutes]
Mechanical impact protection code	IK10
Overvoltage protection	Integrated (3 KV)
Performance (IEC compliant)	
Luminous flux	32 600 – 244 500 lm
Luminous flux tolerance	± 7 %
Initial Led luminaire luminous efficiency	163 lm/W
Correlated color temperature	3000 – 6500 K
Color rendering index	80
Input power	200 – 1500 W (According to request)
Electrical characteristics	
Input voltage	100 – 305 V

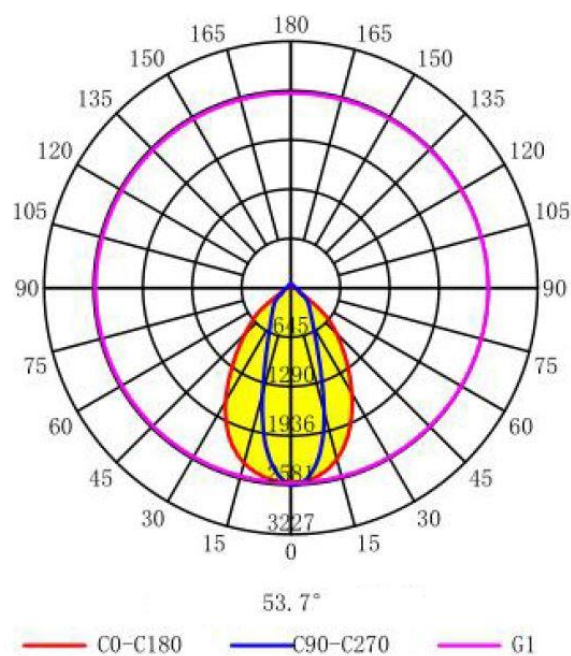
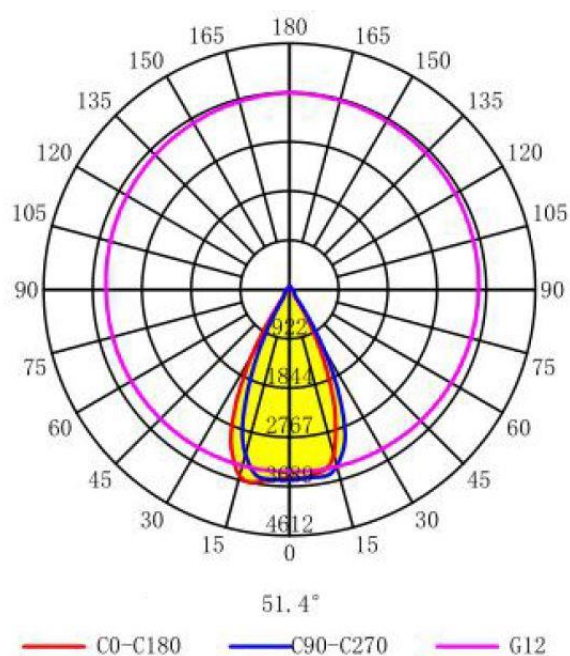
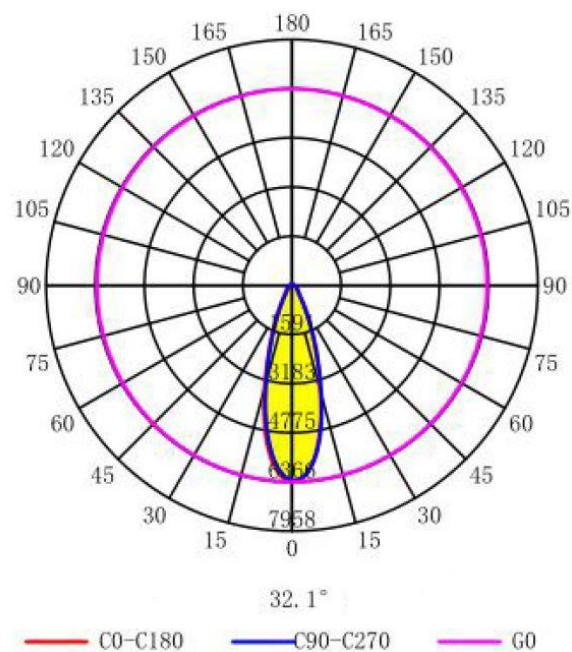
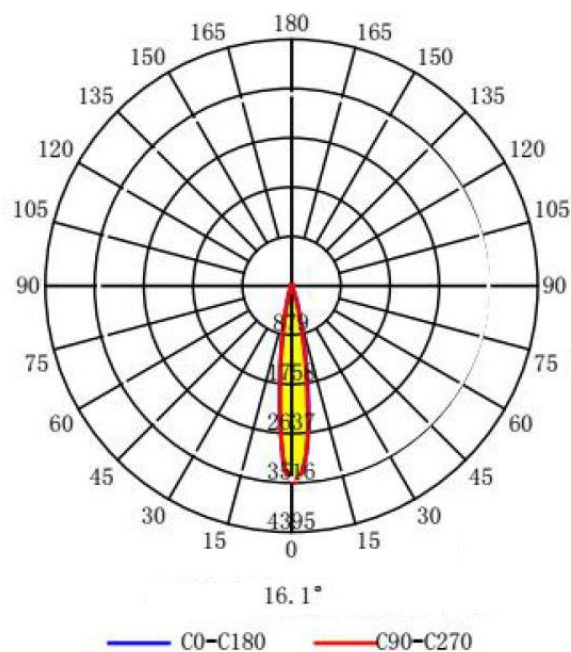
MARACANA Floodlight

Input frequency	50 / 60 Hz
Minimal power factor	0.95
Mechanical and housing	
Housing material	Aluminium
Lens material	Silicone / PC / PMMA
Fixing material	Steel
Mounting device	Attachment with arm
Over time performance (IEC compliant)	
Lifetime of Led source	≥ 100 000 h
Application conditions	
Ambient temperature range	-40 to +60°C
Ambient temperature	25°C
Product data	
Quantity per pack	1
Pieces per box	1

Technical Features

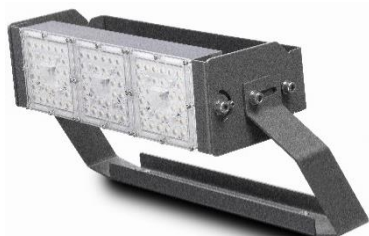


Number of power modules	Power (w)	h (mm)	L (mm)
1	200	275	395
2	400	390	395
3	600	520	395
4	800	650	395
5	1000*	530	700
6	1200*	520	700
7	1500*	650	700

MARACANA Floodlight
Photometric curves


MARACANA Floodlight

Maracana with different Modules



1 Module

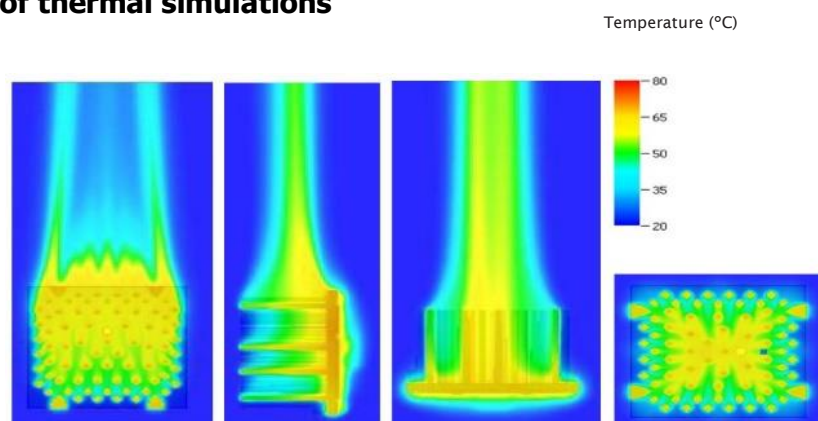


2 Modules



3 Modules

Results of thermal simulations



Applications



Parkings



Urban &
residential streets



Railway stations
& metros



Bike &
pedestrian paths



Squares &
pedestrian areas



Sport facilities



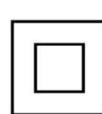
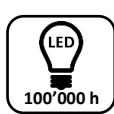
Briges



Large Area



Id : 9105023295



LUMTEC[®]
 LIGHT IS LED



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