



LIGHTING

Product & Service Book
2019

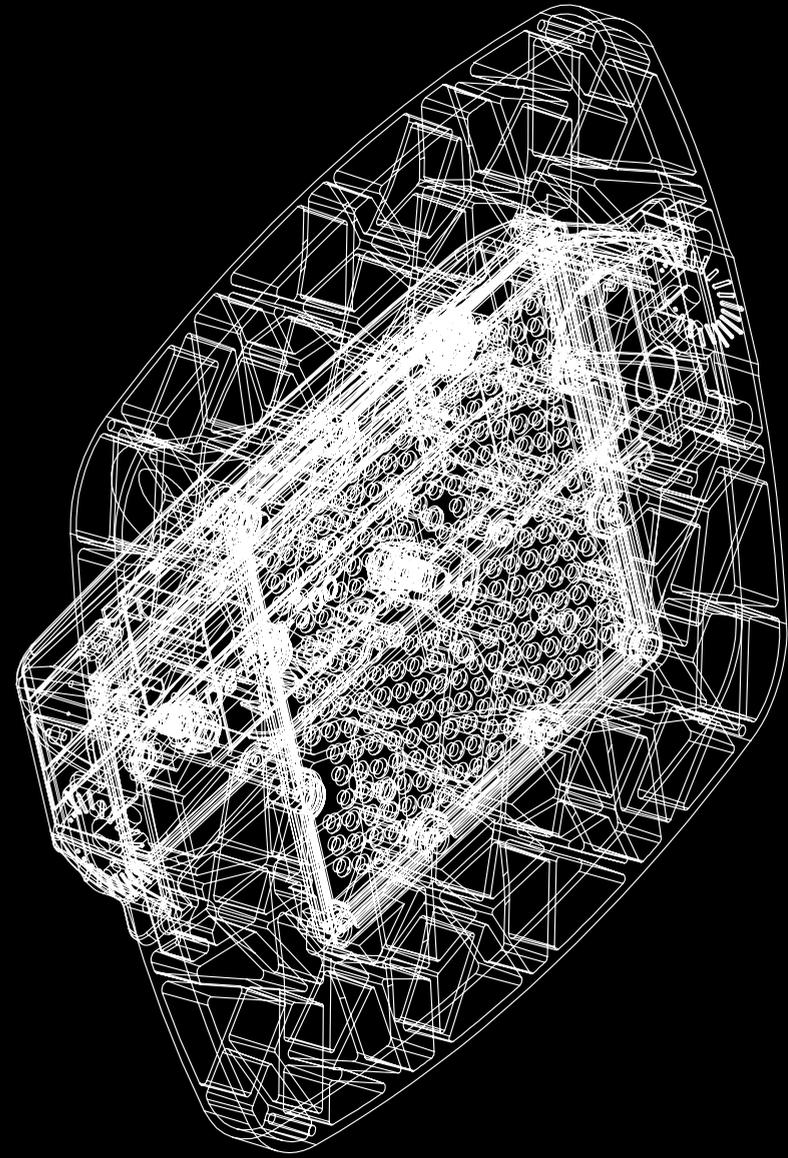
MOONOFF

Born to illuminate the world



Moonoff is born in the light of a new day in
Santiago de Compostela..

Throughout these years, the innovative nature of
the company has revolutionized the market giving it
a new vision of understanding lighting and, in turn,
transmitting confidence and professionalism to the
sector through the development of its products.



From an idea
to a light

Our company's secret lies in our team of professional .

The professional experience and the generation of fresh ideas give Moonoff the ability to develop different products with high performance at the same time reliable, thus creating a turning point in the journey of the company.

We try to have a differential value by integrating in our developments ideas from other sectors totally different to the lighting market.

We pursue the supreme identity to offer something different as well, of optimum quality.



Since the birth of Moonoff, we have always had an obsession in mind: To have total control of what we manufacture, so we may offer the client a guaranteed product. For this reason, we face each development, elaborating a careful design of all the components that make up our products in order to ensure its performance and operation. There is simply no better way for us.



Who we are

Moonoff

Moonoff Professional LED lighting. Quality guarantee of all our products up to 10 years.

Moonoff eco

Moonoff eco Efficient LED lighting. Products designed efficiently with a high cost / performance ratio. Guarantee of up to 2 years.

Engineering services

Moonoff engine

Engineering services for companies involved with such, provided by our team in Moonoff. We offer professional technical engineering services for the development of third-party projects.

Products

Public Lighting

Industrial Lighting

The total flow of the lights included in this catalog will depend on the environmental conditions as well as the optics used, CRI and CCT used.

Outdoor Lighting

Indoor Lighting

Public Lighting



POPA Series

Street light



Robust thermally optimized design luminaire

Injected aluminum body with AISI 304 screws (AISI 316 option).

Possibility of installation in staff or column with gradual orientation 0°.

+ 90° (by accessory: 9900098).

Exchangeable individual light source.

Possibility of use of more than 12 different optics.

RAL 7047 color (other colors on request).

Configuration: 4000K 70CRI (other configurations on request).

Individual transient surge protector (SPD): 10KV.

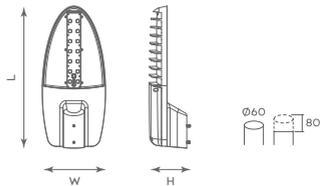
Possibility of regulation on request (1-10V, 5 steps).

IK09 IP67

ST20022

Power	60W
Luminous flux*	6198lm
CRI	>70
CCT	4000k

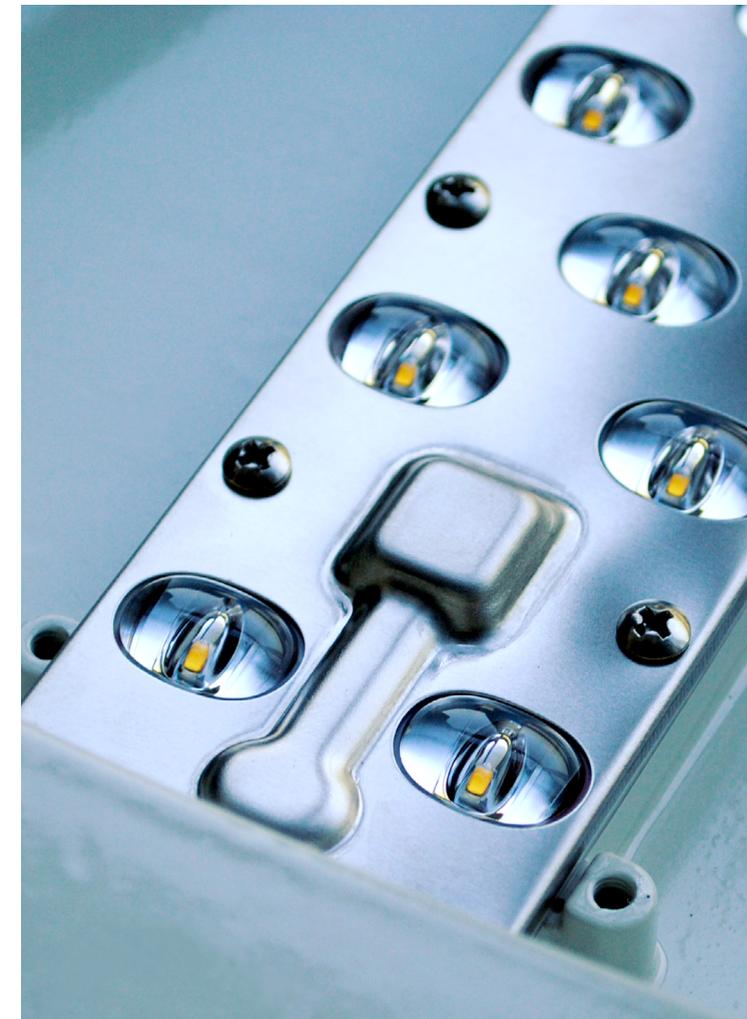
* Values with T2M2 lens



ST20022

519*229,5*146mm (L*W*H)

5.58kg



Public lighting

Moonoff - Street Light

RETRO Series

Street light



Retrofit module adaptable to classic lanterns: fernandina, villa or others
 LED module fixed in aluminum foil with screws AISI 304 (option AISI 316).
 Exchangeable individual light source.
 Possibility of using more than 12 different optics.
 RAL 9005 sheet color (other colors on request).
 Configuration: 4000K 70CRI (other

configurations on request).
 Individual transient surge protector (SPD): 10KV.
 Possibility of regulation on request (1-10V, 5 steps).

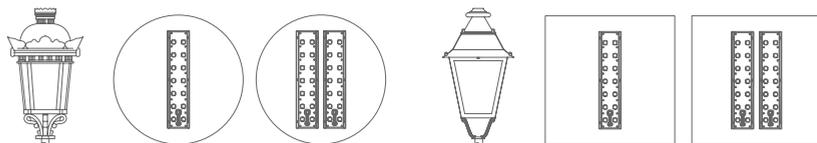
IK09 IP67    

	LM20005	LM20006
Power	40W	80W
Luminous flux*	4108lm	8215lm
CRI	>70	>70
CCT	4000K	4000K

* Values with T2M2 lens

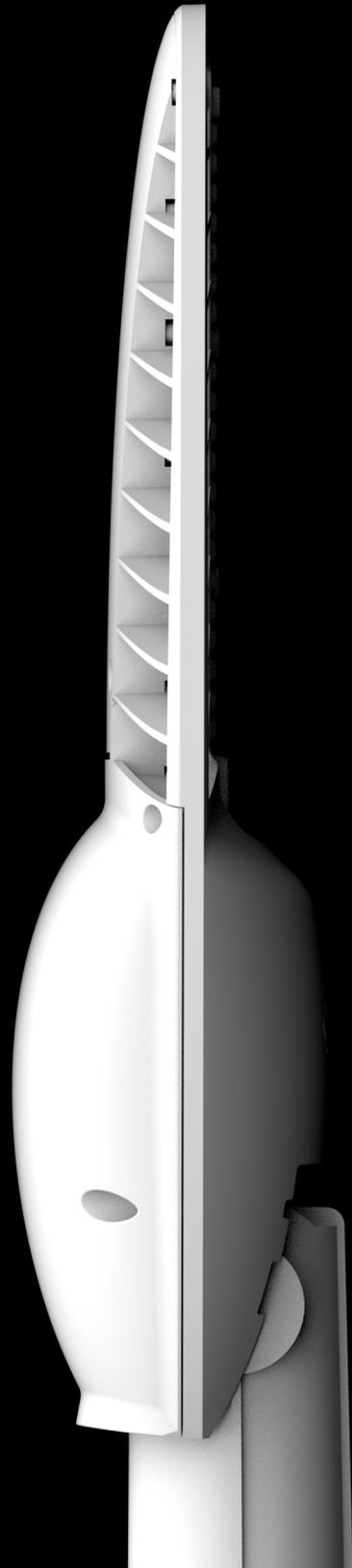


Custom dimensions



Public lighting

Moonoff - Street Light



I do not really care that they want to steal my ideas. I worry that they do not have them

Nikola Tesla

A luminary in honor of the scientist
who stole the light.

TESLA Series

UNI Version



Innovative luminaire with a light and compact design

Injected aluminum body with AISI 304 screws (AISI 316 option).

Articulated arm with the possibility of orientation -5° / +10°.

Class I / II electrical insulation.

Availability of use with different optics according to application.

RAL color 9016 (other colors on request).

Configuration: 4000K 70CRI (other configurations on request).

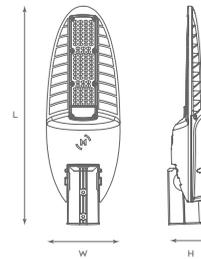
Individual transient surge protector (SPD): 10KV.

Possibility of regulation on request (5 steps, DALI, photocell).



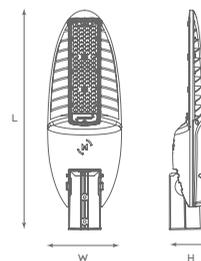
Power	40W	60W
Luminous flux*	5783lm	7977lm
CRI	>70	>70
CCT	4000k	4000k

UNI Version



60W	40W	(L*W*H)
537*180*114mm	537*180*144mm	
2.85kg	2.85kg	

PRO Version



30W	60W	80W	(L*W*H)
537*180*114mm	537*180*144mm	537*180*144mm	
3.2kg	3.2kg	3.2kg	

TESLA Series

PRO Version



Innovative and compact luminaire with high light performance

Injected aluminum body with AISI 304 screws (AISI 316 option).

Articulated arm with the possibility of orientation -5° / +10°.

Class I / II electrical insulation.

Exchangeable individual light source.

Availability of use with different optics

according to application.

RAL color 9016 (other colors on request).

Configuration: 4000K 70CRI (other configurations on request)

Individual transient surge protector (SPD): 10KV.

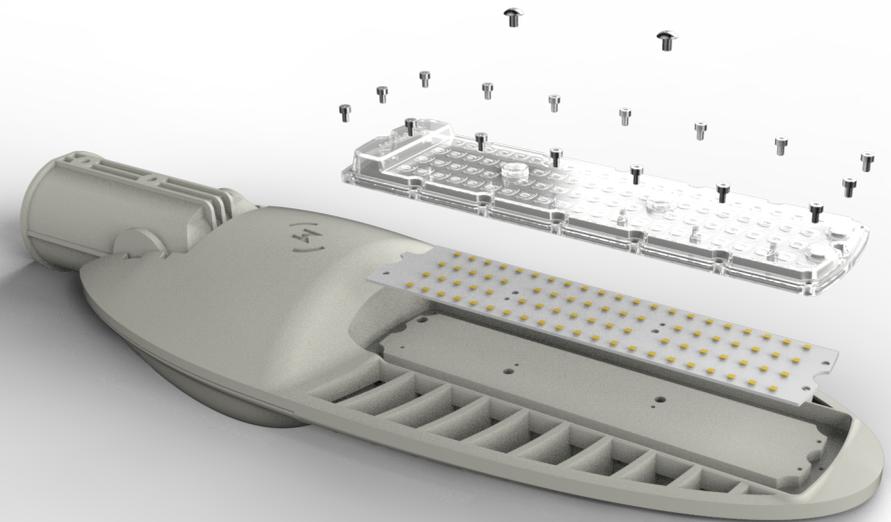
Possibility of regulation on request (0-10V, 5 steps, photocell).



Power	30W	60W	80W
Luminous flux*	4410lm	7800lm	10000lm
CRI	>70	>70	>70
CCT	4000k	4000k	4000k

Public lighting

Moonoff - Street Light



TESLA Series

MAX Version



Innovative high power luminaire designed for demanding vials.

Injected aluminum body with AISI 304 screws (AISI 316 option).

Articulated arm with possibility of orientation -5° / + 15°.

Class I / II electrical insulation.

Exchangeable individual light source.

Availability of use with different optics

according to application.

RAL color 9016 (other colors on request).

Configuration: 4000K 70CRI (other configurations on request).

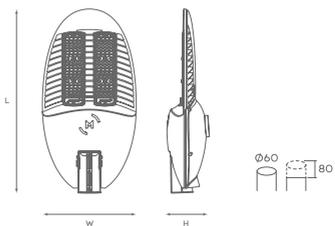
Individual transient surge protector (SPD): 10KV.

Possibility of regulation on request (0-10V, 5 steps, DALI, photocell).

IK10 IP66 0-10V

Power	120W	160W
Luminous flux*	15000lm	20000lm
CRI	>70	>70
CCT	4000k	4000k

MAX Version



120W

652*330*150mm

6.72kg

160W

652*330*150mm

6.72kg

(L*W*H)



Public lighting

Moonoff - Street Light



VENUS Series

Street light



Compact and efficient luminaire designed for rural environments

Injected aluminum body with AISI 304 screws (AISI 316 option).

Possibility of installation in a staff or column with gradual orientation 0° + 90° (by accessory: 9900098).

Exchangeable individual light source.

RAL 7010 color (other colors on request).

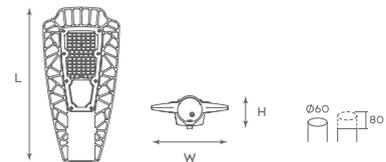
Configuration: 4000K 70CRI (other configurations on request).

Individual transient surge protector (SPD): 10KV.

IK08 IP67

ST20080 ST20081

Power	30W	60W
Luminous flux*	3195lm	6059lm
CRI	>70	>70
CCT	4000k	4000k



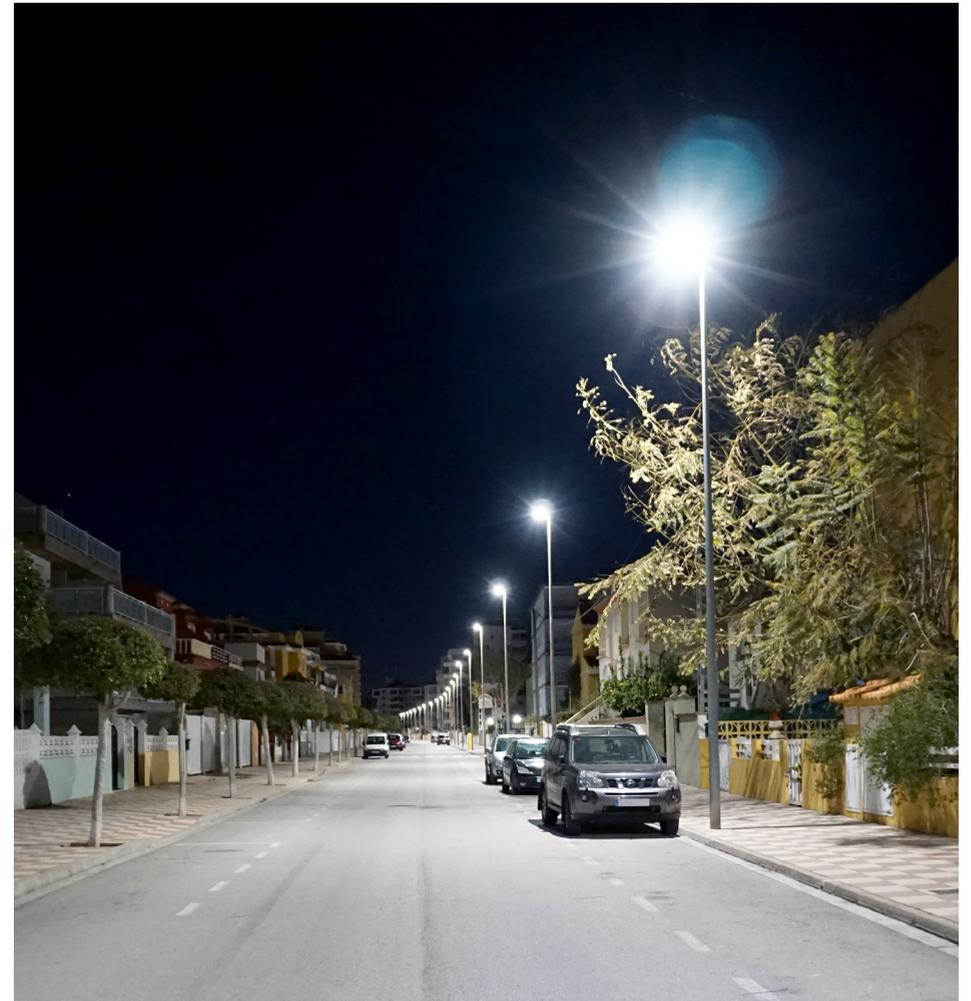
ST20080

400*200*76mm
1.9kg

ST20081

400*200*76mm
1.95kg

(L*W*H)

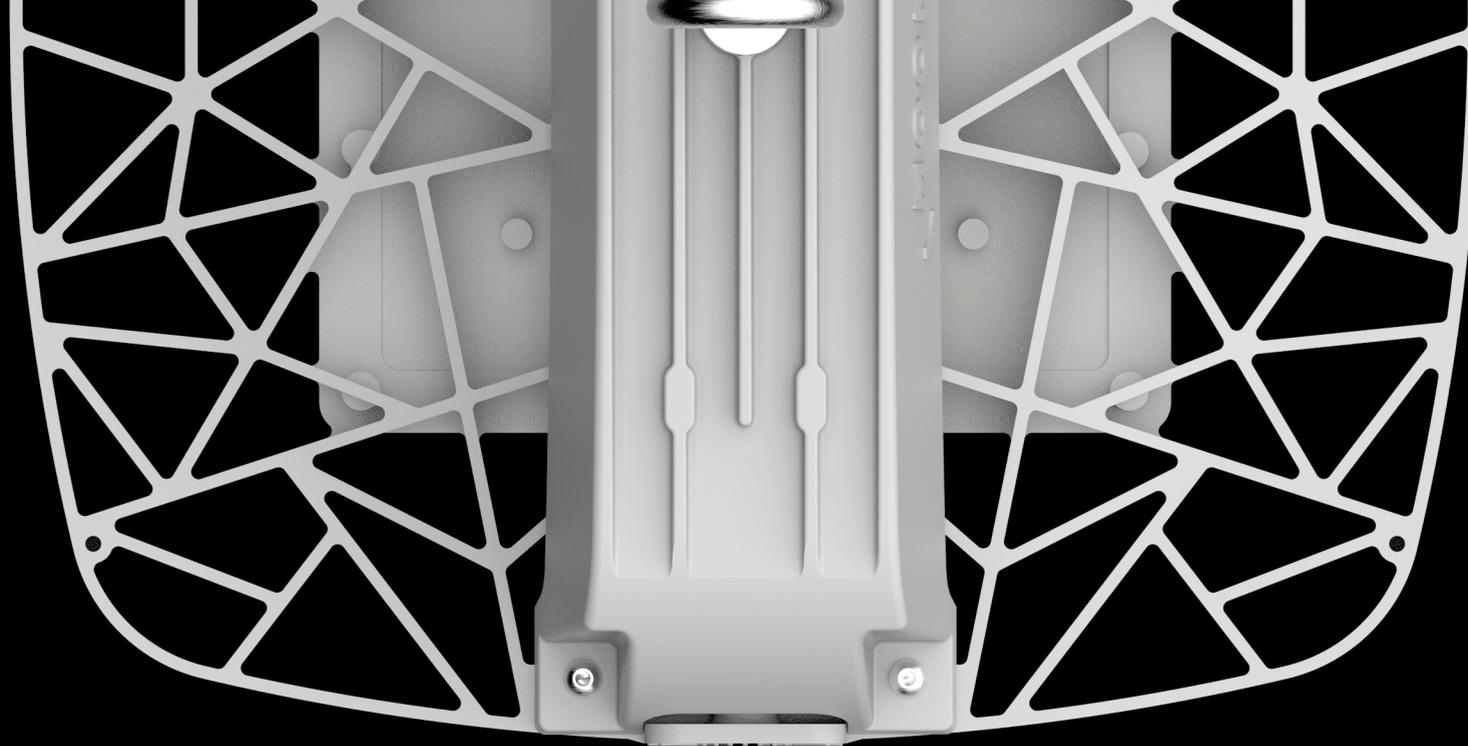


Public lighting

Moonoff eco - Street Light

Industrial Lighting





*Architecture is the ordering of light,
sculpture is the game of light*

Antoni Gaudí



GAUDÍ Series

High Bay



Versatile luminaire for lighting industrial and sports environments

Injected aluminum body with AISI 304 screws (AISI 316 option).

Class I electrical insulation.

Exchangeable individual light source.

Availability of use with optics, different depending on application.

RAL 7010 color (other colors on request).

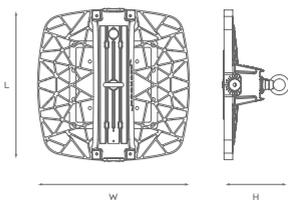
Configuration: 4000K 80CRI (other configurations on request).

Possibility of regulation on request (0-10V, PWM, DALI, 5 steps).

Accessories available for different mounting types.



Power	100W	150W	200W
Luminous flux*	13000lm	19500lm	25000
CRI	>80	>80	>80
CCT	4000K	4000K	4000K

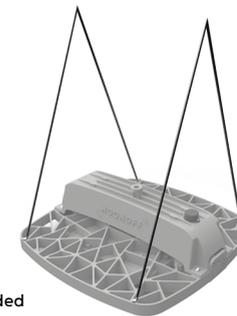


100W	150W	200W	
300*300*105mm	380*380*114mm	380*380*114mm	(L*W*H)
4.1kg	5.5kg	5.5kg	

Our most versatile luminaire:



High bay



Suspended high bay



Flood light



Catenary



Area Light

Industrial lighting

Moonoff - High Bay

GAUDÍ Series

WINTER Series

High Bay



Professional hood designed to illuminate industrial areas

Injected aluminum heatsink with screws AISI 304 (option AISI 316).

Class I electrical insulation.

Exchangeable individual light source.

Opening angle 90° symmetric (110 on request).

Suspension mounting.

Polycarbonate closure (or glass on

request).

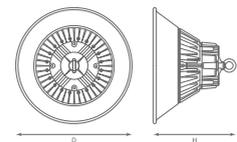
RAL 9003 color (other colors on request).

Configuration: 4000K 80CRI (other configurations on request).

1-10V regulation.

IK08 IP65 1-10V

	HB20018	HB20019	HB20020	HB20031	HB20032
Power	80W	100W	120W	150W	200W
Luminous flux*	9302lm	11642lm	13929lm	17429lm	24498lm
CRI	>80	>80	>80	>80	>80
CCT	4000k	4000k	4000k	4000k	4000k



HB20018	HB20019	HB20020	
365*285mm	422*325mm	480*365mm	(D*H)
3.8kg	4.0kg	4.1kg	
HB20031	HB20032		
525*368.5mm	525*378.5mm		(D*H)
6.72kg	6.72kg		



Industrial lighting

Moonoff - High Bay

WINTER Series



LEDA Series

High Bay



High efficiency luminaire designed to illuminate industrial rooms

Injected aluminum heatsink with screws AISI 304 (option AISI 316).

Class I electrical insulation.

Exchangeable individual light source.

Opening angle 60° symmetric.

Suspension mounting.

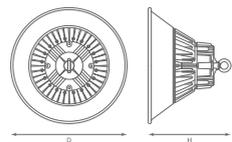
Polycarbonate closure.

RAL 7010 color (other colors on request).

Configuration: 4000K 70CRI (other configurations on request).

IK08 IP65

	HB21001	HB21002	HB21003
Power	50W	80W	100W
Luminous flux*	6144lm	9642lm	12011lm
CRI	>70	>70	>70
CCT	4000k	4000k	4000k



	HB21001	HB21002	HB21003	(D*H)
	303.6*235mm	419.8*318mm	419.8*318mm	
	2.46kg	2.6kg	2.8kg	

Industrial lighting

Moonoff eco - High Bay

LEDA Series

CENTURY Series

Tri Proof



Waterproof display designed for lighting industrial areas

Polycarbonate body with integrated aluminum heatsink and AISI 304 screws (AISI 316 option).

Class I electrical insulation.

Exchangeable individual light source.

Opening angle 160° symmetric.

Terraced or suspended mounting.

Polycarbonate diffuser.

Electrical connection by waterproof connector.

Configuration: 4000K 80CRI (other configurations on request).

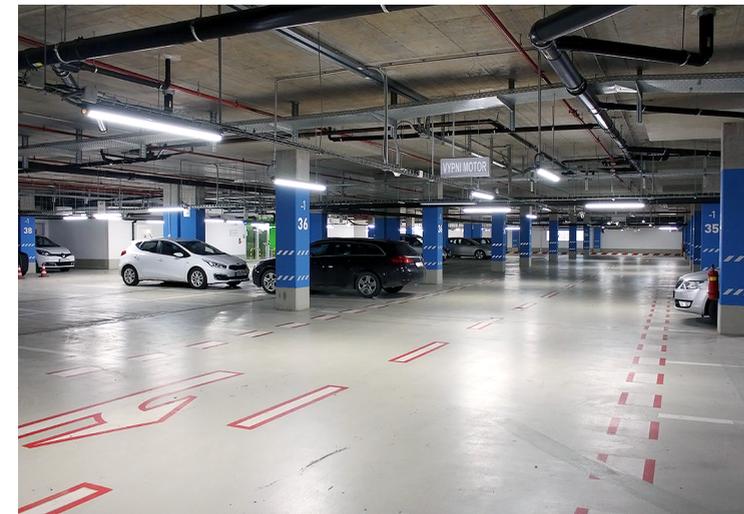
1-10V regulation.

IK09 IP65 1-10V

	PE20008	PE20009	PE20010	PE20011	PE20012
Power	20W	20W	36W	25W	42W
Luminous flux*	2200lm	2200lm	3960lm	2750lm	4620lm
CRI	>80	>80	>80	>80	>80
CCT	4000K	4000K	4000K	4000K	4000K



PE20008	PE20009	PE20010	
598*56*80mm	1198*56*80mm	1198*56*80mm	(L*W*H)
2.22kg	3.22kg	3.22kg	
PE20011	PE20012		
1498*56*80mm	1498*56*80mm		(L*W*H)
3.98kg	3.98kg		



Industrial lighting

Moonoff - Tri Proof

ROOF Series

Tri Proof



Waterproof screen of robust design for installation in industrial areas

Extruded aluminum body with AISI 304 screws (AISI 316 option).

Polycarbonate diffuser.

Class I electrical insulation.

Exchangeable individual light source.

130° symmetrical opening angle.

Terraced or suspended mounting.

Electrical connection by waterproof connector.

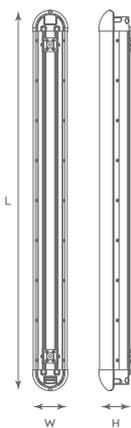
Configuration: 4000K 80CRI (other configurations on request).

Emergency kit on request.

1-10V regulation.

IK10 IP65 1-10V

	PE20005	PE20006	PE20007
Power	40W	50W	65W
Luminous flux*	4400lm	5500lm	7150lm
CRI	>80	>80	>80
CCT	4000k	4000k	4000k



PE20005	PE20006	PE20007	
1123*103.5*93mm	1123*103.5*93mm	1423*103.5*93mm	(L*W*H)
3.22kg	3.22kg	3.98kg	

Industrial lighting

Moonoff - Tri Proof

Outdoor Lighting



STADIUM Series

Flood Light



High power modular projector for sports and large area lighting

Injected aluminum body with AISI 304 screws (AISI 316 option).

Class I electrical insulation.

Exchangeable individual light source.

Possibility of using more than 12 different optics.

Electrical connection in waterproof case.

RAL color 9011 (other colors on request).

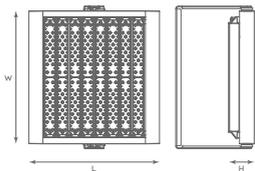
Configuration: 4000K 70CRI (other configurations on request).

Possibility of regulation on request (1-10V, 5 steps, DALI).

IK08 IP65 1-10V DALI RoHS CE

	FO20031	FO20032	FO20033	FO20034
Power	450W	600W	750W	900W
Luminous flux*	48452lm	64602lm	80753lm	96903lm
CRI	>70	>70	>70	>70
CCT	4000K	4000K	4000K	4000K

* Values with T551 lens



FO20031	FO20032	
622*680*123 mm	742*680*123mm	(L*W*H)
19.96kg	23.06kg	
FO20033	FO20034	
922*680*123mm	1170*680*123mm	(L*W*H)
27.5kg	30.98kg	



Outdoor lighting

Moonoff - Flood Light

STADIUM Series

Indoor Lighting





SQUARE Series

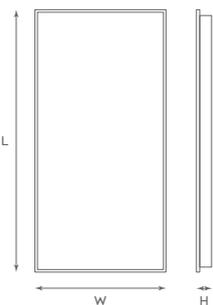
Panel Light



Highly efficient recessed panel for lighting domestic or office environments.
 Aluminum body with polystyrene diffuser.
 Class I electrical insulation.
 External driver.
 110° symmetrical opening angle.
 UGR <19.
 RAL 9003 color frame.
 Configuration: 4000K 80CRI (other configurations on request).
 Emergency kit on request.
 1-10V regulation.

IP40 1-10V

	LP20005	LP20007	LP20009
Power	72W	36W	36W
Luminous flux*	7656lm	3833lm	3831lm
CRI	>80	>80	>80
CCT	4000K	4000K	4000K



LP20005	LP20007	LP20009	(L*W*H)
1195*595*65mm	595*595*65mm	1195*295*65mm	
7.4kg	3.7kg	4.0kg	



Indoor lighting

Moonoff - Panel Light

SQUARE Series



MOMA Series

Panel Light

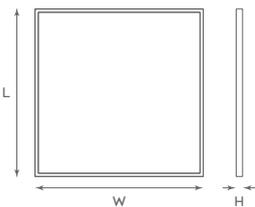


Recessed panel with ultra-thin design for lighting domestic or office environments
 Aluminum body with polycarbonate diffuser.
 Class I electrical insulation.
 External driver (attached in UL version).
 120° symmetric opening angle.
 RAL 9003 color frame.
 Configuration: 4000K 80CRI (other

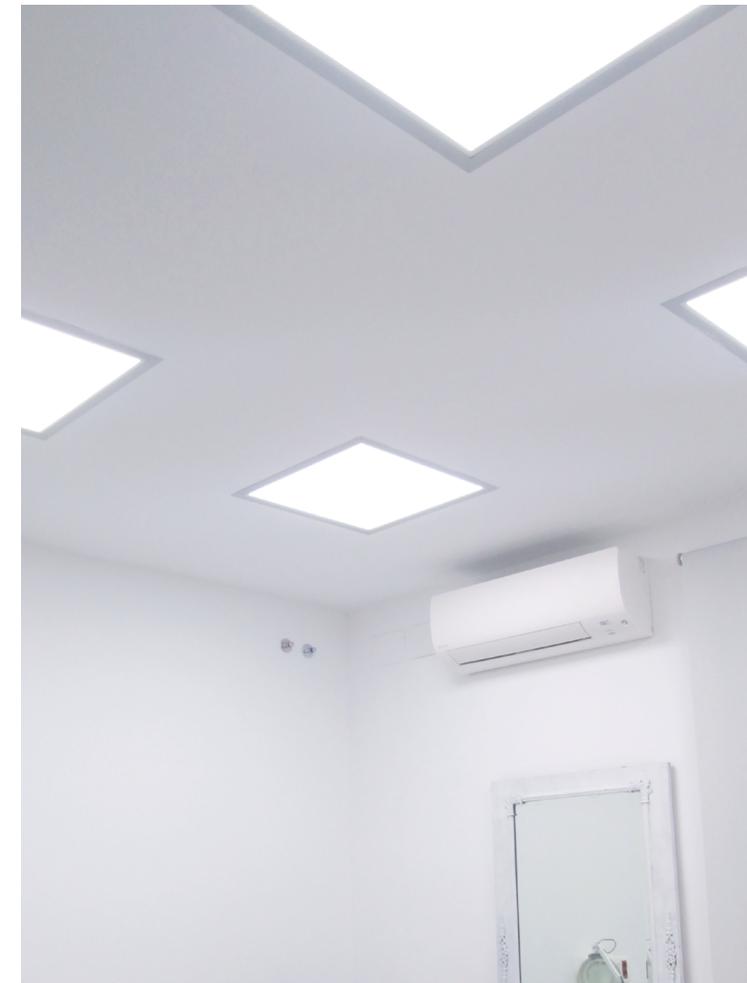
configurations on request).
 Emergency kit on request.
 Regulation 1-10V, PWM.

IP40 1-10V    

	LP21009	LP21012
Power	36W	40W
Luminous flux*	3420lm	4050lm
CRI	>80	>80
CCT	4000K	4000K



	LP21009	LP21012	(L*W*H)
	595*595*11mm	603*603*8mm	
	1.86kg	1.86kg	



Indoor lighting

Moonoff eco - Panel Light

Services

Photometric Studies

We are aware that lighting is a crucial element for interior or exterior rooms, used to enhance its design, generate sensations in the observer, or comply with the regulations to offer security to the passer-by.

We consider this intangible step of utmost importance to carry out any project with the expected results and thus avoid unforeseen events.

In each lighting project, this service is offered taking advantage of the lighting resources of any environment, making a preliminary approach, as well as a simulation considering the different external agents that may exist in the scene.

In the elaborated lighting plans we group the requirements and technical aspects to achieve quality lighting.



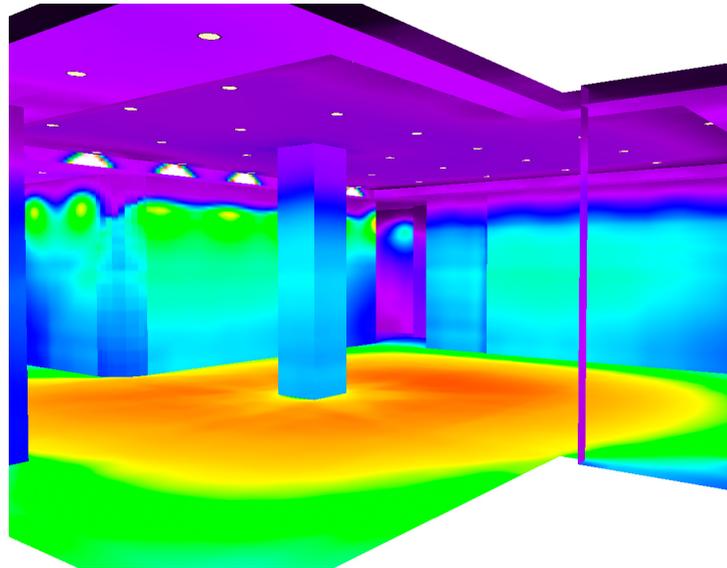
Technical advice

Moonoff



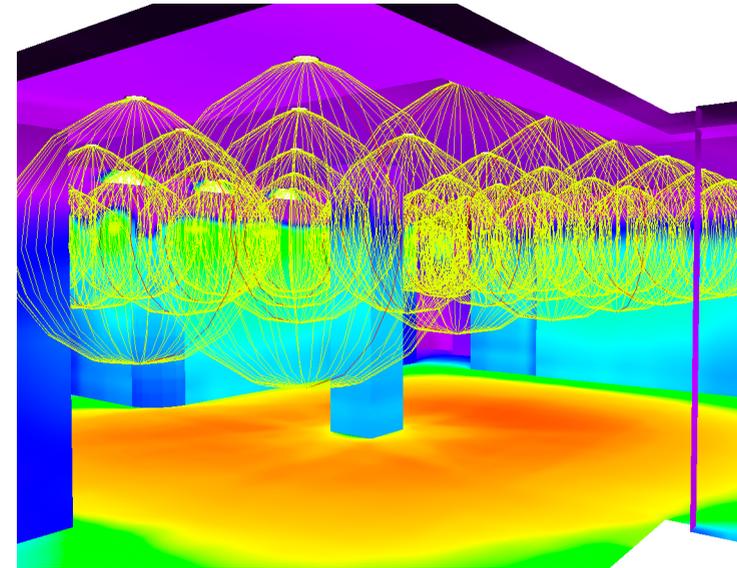
Lighting Plans

We are aware that lighting is a crucial element for an interior or exterior room to enhance its design, generate sensations in the observer, or comply with the regulations to offer security to the passer-by.



Therefore, we consider this intangible step of great importance to carry out any project with the expected results and thus avoid unforeseen events.
In each lighting project this service is offered taking advantage of the lighting resources of any environment, making

a preliminary approach, as well as a simulation considering the different external agents that may exist in the scene. In the elaborated lighting plans we group the requirements and technical aspects to achieve quality lighting.



Technical advice

Moonoff





Astronomical observation protection

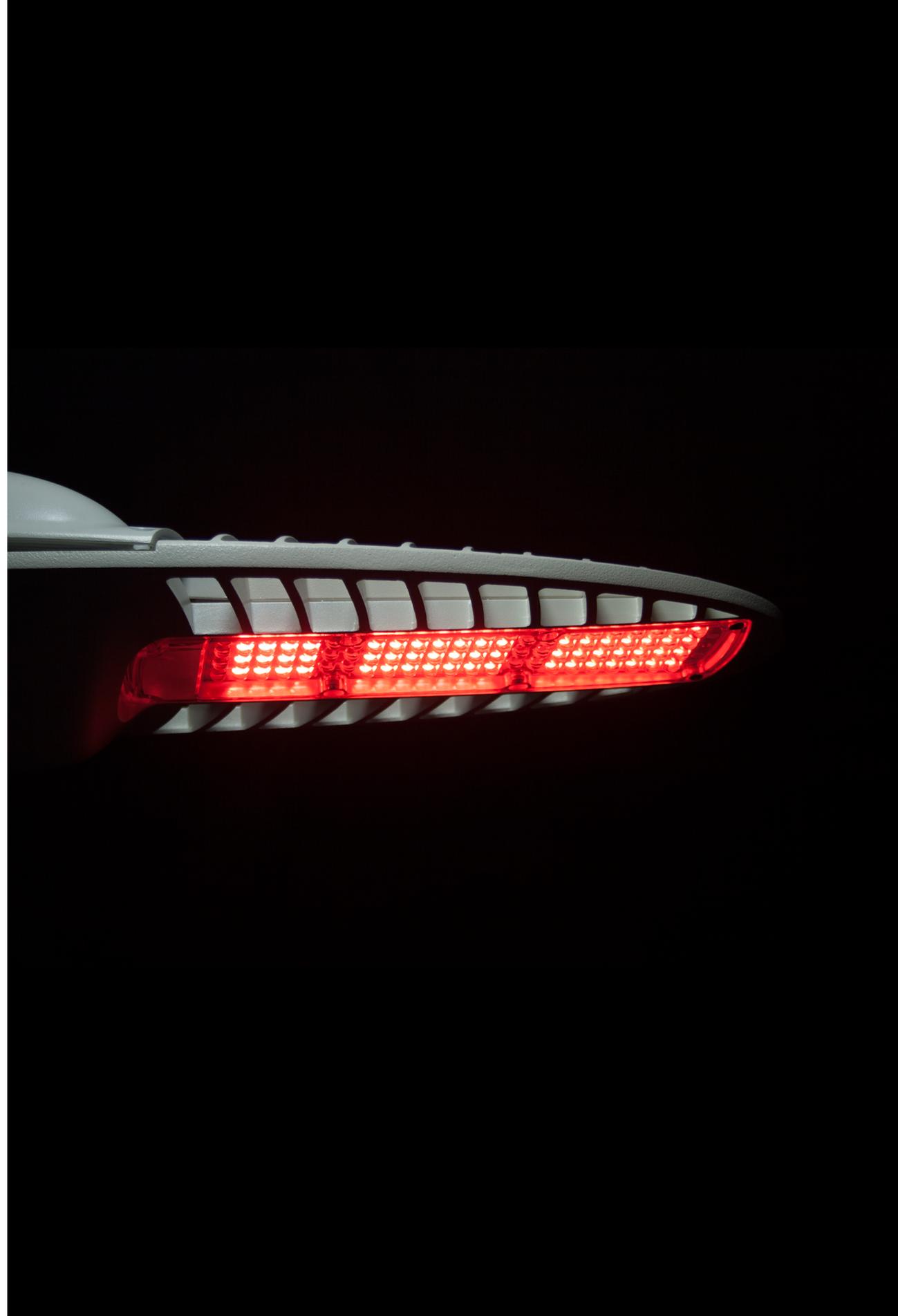
We have total control over our products, which gives us the ability to offer our clients customized technical solutions.

For this project, after carrying out the analysis of the client's needs and limitations of the regulations, we proposed a reliable development complying with the required regulations, taking into account the limitations regarding the wavelength of the LED and the required light levels.

For the culmination of this successful project, the different phases of design, development, prototyping and validation were contemplated to guarantee the operation of said light and the protection of astronomical observation. We try to invite the market to put ourselves in our hands to carry out the different projects, offering an agile, transparent and efficient process.

Custom development

Moonoff

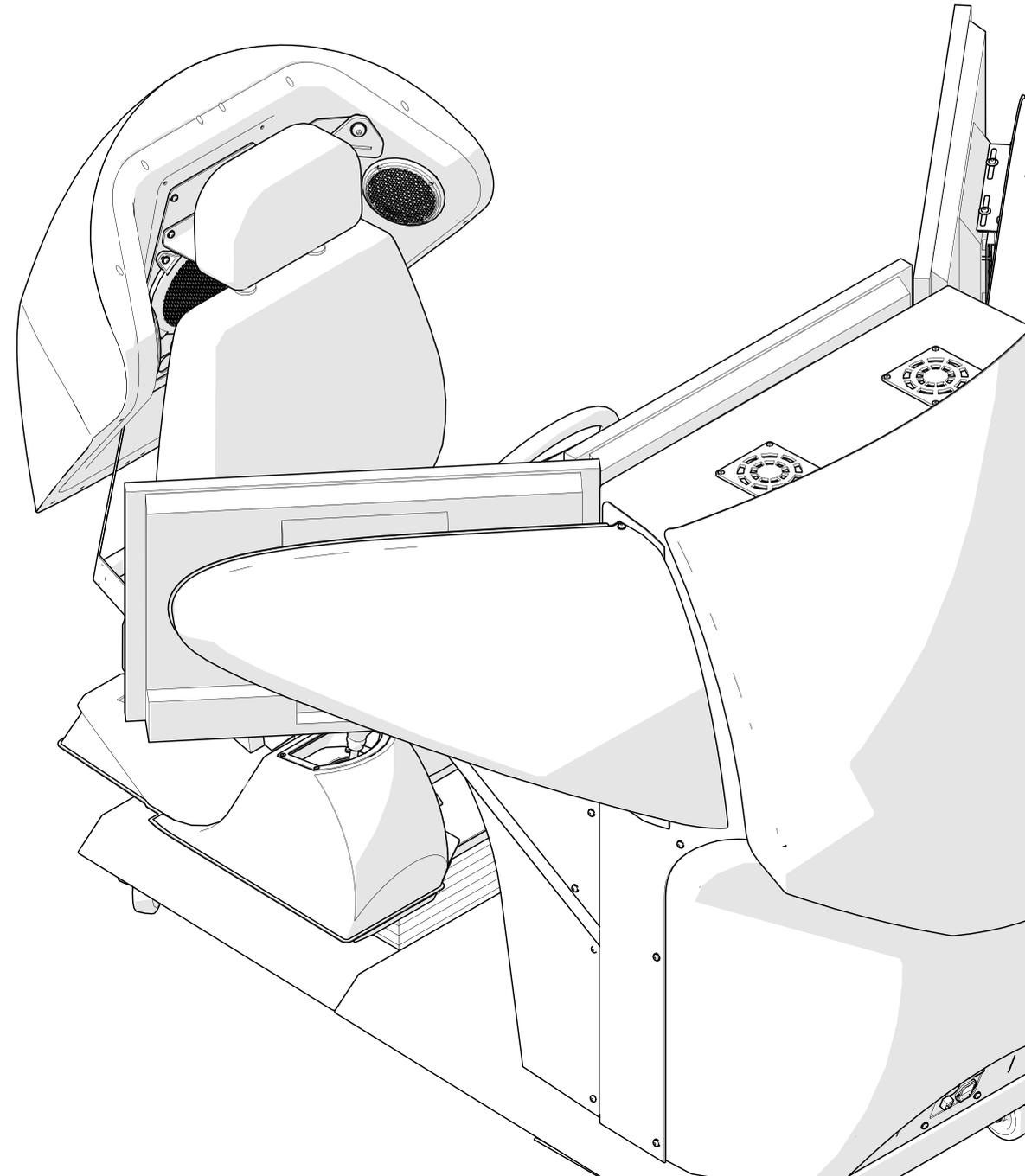
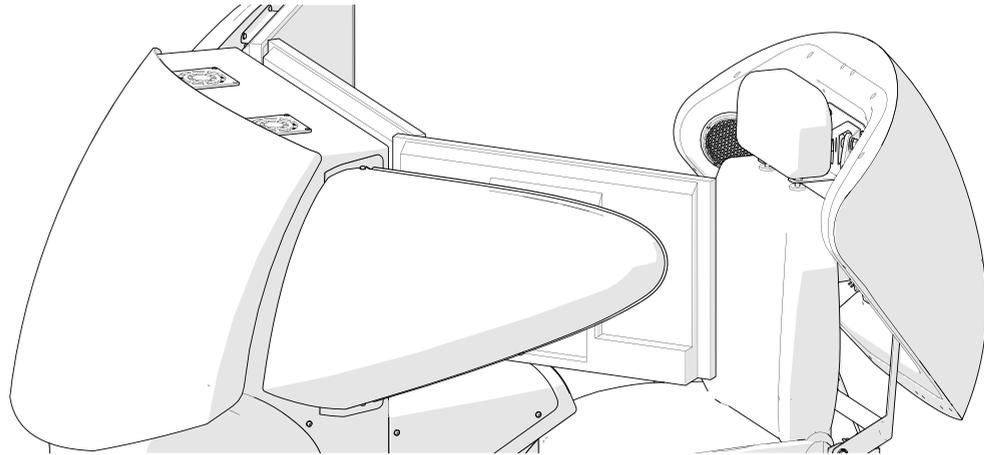


Driving simulator

Having a team capable of carrying out different phases of the development of different products, in this case, we contribute in the design phase to the development of a driving simulator for the South American market.

Our engineering team designed all the pieces that made up the structure of the simulator, taking into account the different elements to be integrated. In addition, once the design is done, and to guarantee the good assembly of

the set, we supervise and validate the manufacture by injection of the different parts. In this way we guarantee the delivery to customer of the requested number of pieces.



Engineering services

Moonoff engine



Powerbank

For this project we develop the mechanical and electronic design phases taking into account the requirements of the client. This project, which was aimed at the catering and events sector, required the development of an innovative product:

a fast charging system, at the same time esthetic, integrating a beacon for its location through BLE (Bluetooth Low Energy) to prevent possible theft.

These new powerbank work by contact charging



Engineering services

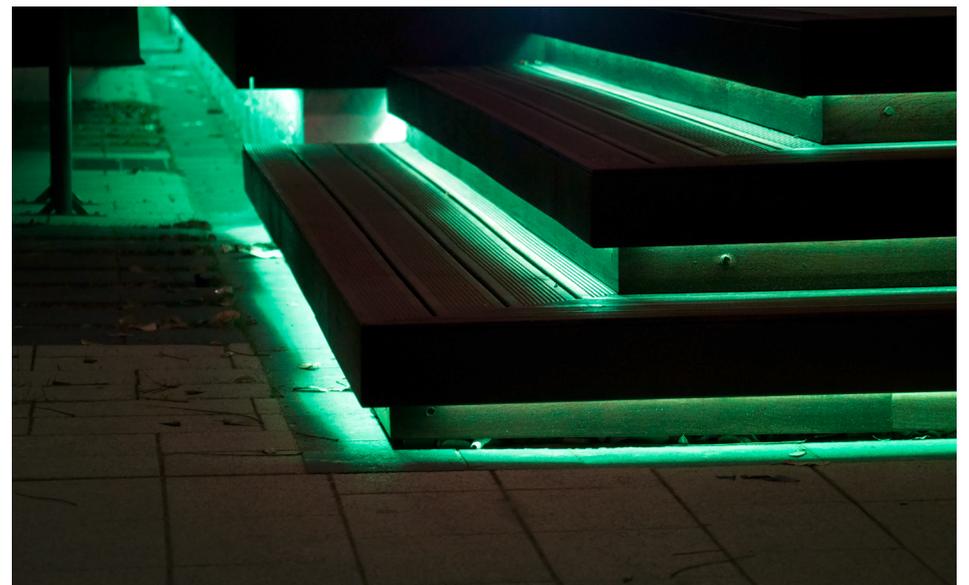
Moonoff engine



Projects



Pedestrian walk in Azogues,
Ecuador



Mercabarna, Barcelona
Cataluña



Industrial Park Bartolí, Palmera
Valencia



Street of Irixoa, A Coruña
Galicia



Passeig Corts Valencianes
Valencia



Woodspring Suites,
USA

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BORN TO ILLUMINATE THE WORLD

MOONOFF