

## PADEL OPTIMA LED

## Preliminary remarks

Notes on planning:

The energy consumption quantities do not take into account light scenes and their dimming levels.

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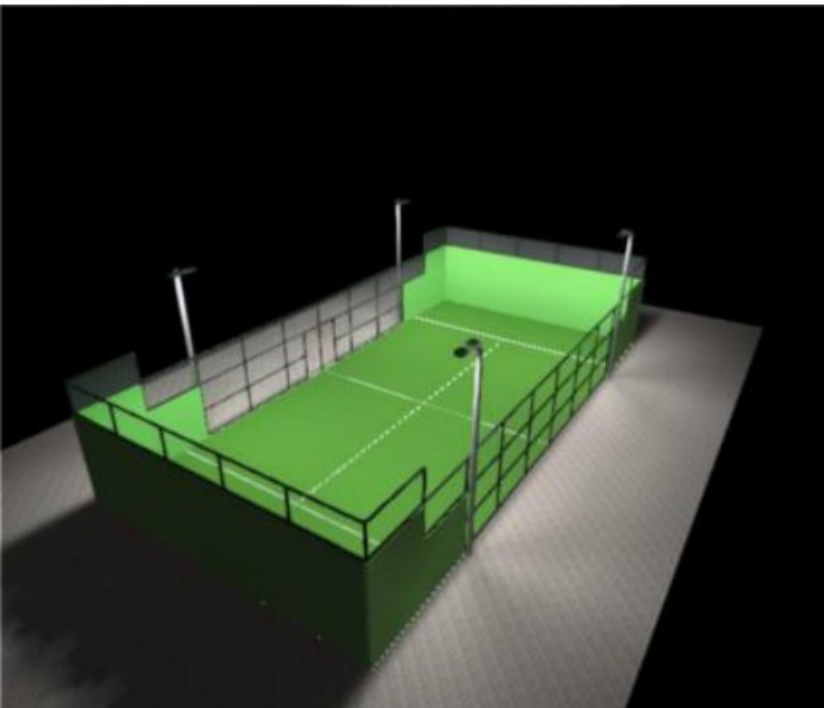
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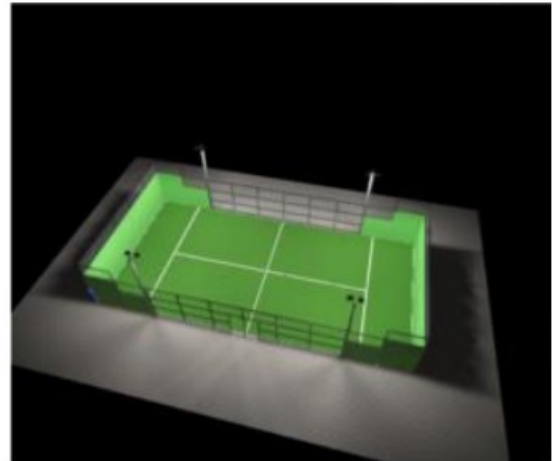
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## Description

## Images



## Luminaire list

 $\Phi_{\text{total}}$ 

149552 lm

 $P_{\text{total}}$ 

1183.2 W

Luminous efficacy

126.4 lm/W

pcs.	Manufacturer	Article No.	Article name	P	$\Phi$	Luminous efficacy
8	OPTIMA LED		PROYECTOR OPTIMA 150W ASYMETRIC	147.9 W	18694 lm	126.4 lm/W

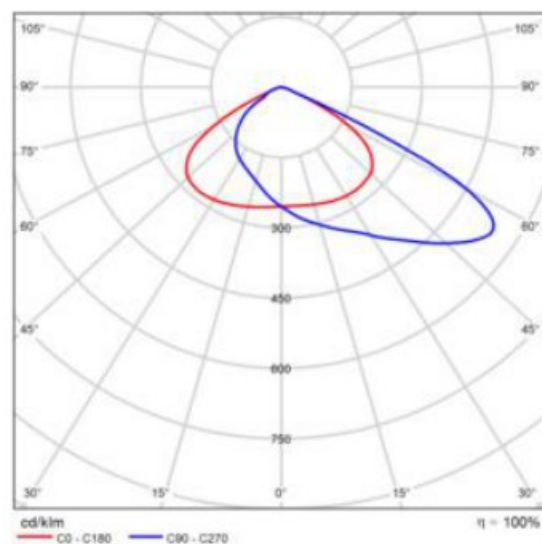
## Product data sheet

### OPTIMA LED 150W ASYMETRIC



Article No.

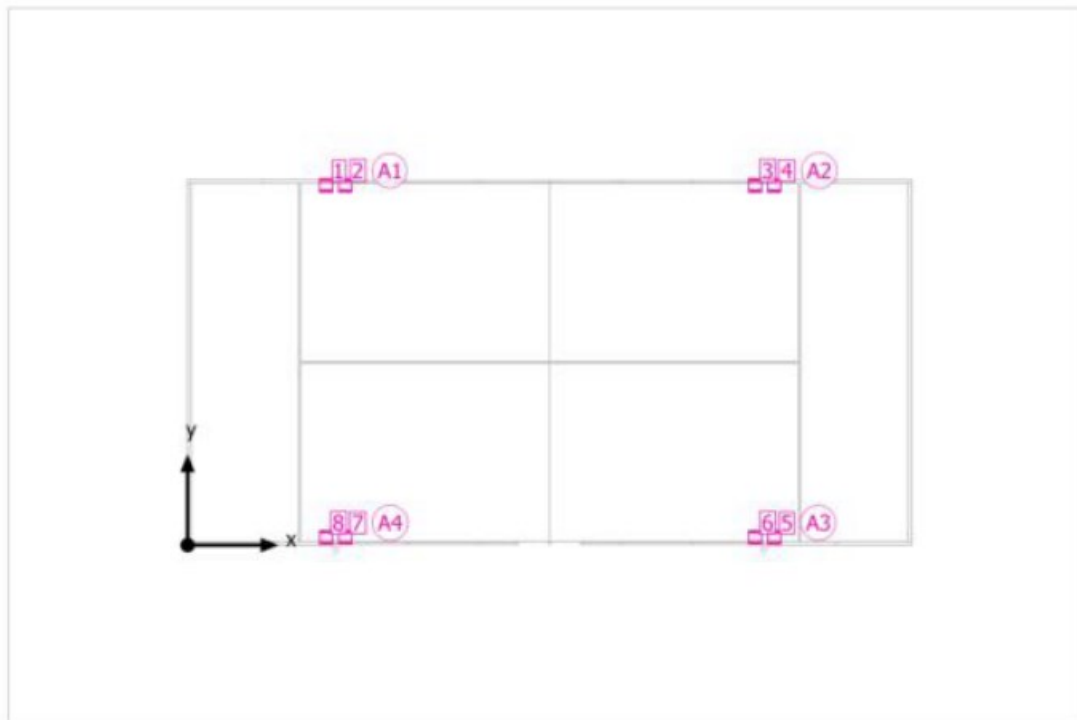
P	147.9 W
$\Phi_{\text{Lamp}}$	18694 lm
$\Phi_{\text{Luminaire}}$	18694 lm
$\eta$	100.00 %
Luminous efficacy	126.4 lm/W
CCT	5470 K
CRI	86



Polar LDC

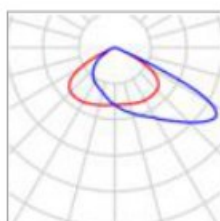


Terreno 1

**Luminaire layout plan**

## Terreno 1

## Luminaire layout plan



Manufacturer	OPTIMA LED
Article No.	
Article name	OPTIMALED 150 W ASYMETRIC



## FLOOD LIGHT OPTIMA LED 150W ASYMETRIC

Type	Line arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	3.865 m / 10.058 m / 6.100 m	3.865 m	10.058 m	6.100 m	1
X-direction	2 pcs., Centre - centre, 0.535 m	4.400 m	10.058 m	6.100 m	2
Arrangement	A1				

## FLOOD LIGHT OPTIMA LED 150W ASYMETRIC

Type	Line arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	15.833 m / 10.058 m / 6.100 m	15.833 m	10.058 m	6.100 m	3
X-direction	2 pcs., Centre - centre, 0.535 m	16.368 m	10.058 m	6.100 m	4
Arrangement	A2				

## FLOOD LIGHT OPTIMA LED 150W ASYMETRIC

Type	Line arrangement	X	Y	Mounting height	Luminaire
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## Terreno 1

## Luminaire layout plan

1st luminaire (X/Y/Z)	16.368 m / 0.204 m / 6.100 m	X	Y	Mounting height	Luminaire
X-direction	2 pcs., Centre - centre, 0.535 m	16.368 m	0.204 m	6.100 m	5
Arrangement	A3	15.833 m	0.204 m	6.100 m	6

## FLOOD LIGHT OPTIMA LED 150W ASYMETRIC

Type	Line arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	4.400 m / 0.204 m / 6.100 m	4.400 m	0.204 m	6.100 m	7
X-direction	2 pcs., Centre - centre, 0.535 m	3.865 m	0.204 m	6.100 m	8
Arrangement	A4				

Terreno 1

**Luminaire list** $\Phi_{\text{total}}$ 

149552 lm

 $P_{\text{total}}$ 

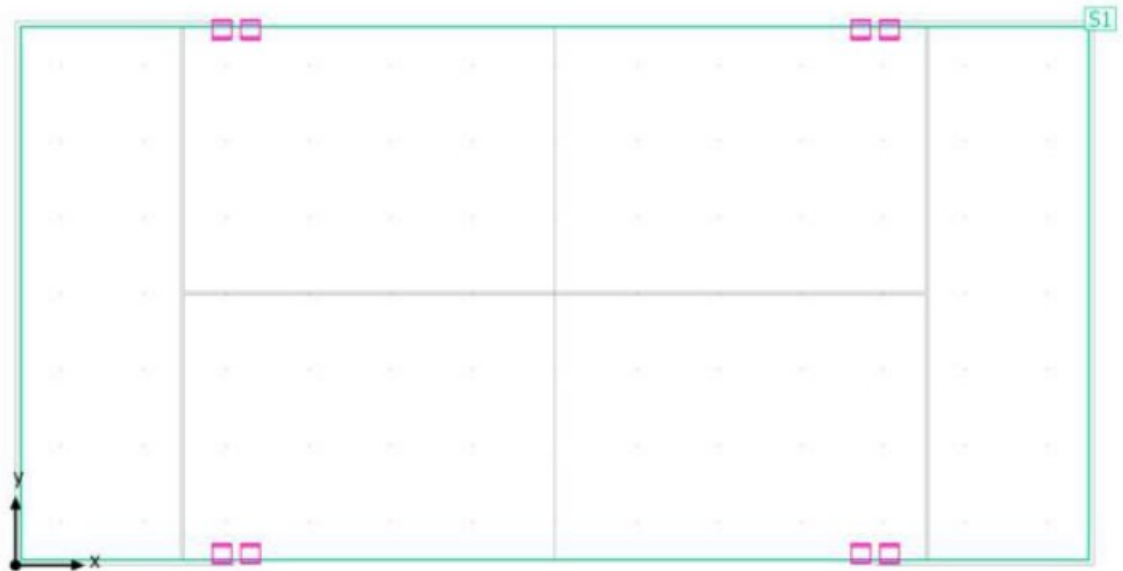
1183.2 W

Luminous efficacy

126.4 lm/W

pcs.	Manufacturer	Article No.	Article name	P	$\Phi$	Luminous efficacy
8	OPTIMA LED		OPTIMA LED 150W ASYMETRIC	147.9 W	18694 lm	126.4 lm/W

Terreno 1

**Calculation objects**

Terreno 1

**Calculation objects**

Calculation surfaces

Properties	$\bar{E}$	$E_{min}$	$E_{max}$	$g_1$	$g_2$	Index
PISTA Perpendicular illuminance Height: 0.000 m	321 lx	254 lx	363 lx	0.79	0.70	S1

Terreno 1

## Calculation objects

PISTA (GR)

Strongest glare at	210°
max	29
Target	≤50
Viewing sector	0° - 360°
Step width	15°
Angle of inclination	-2°
Height	1.500 m
Index	S1
Method	Exact calculation according to CIE 112



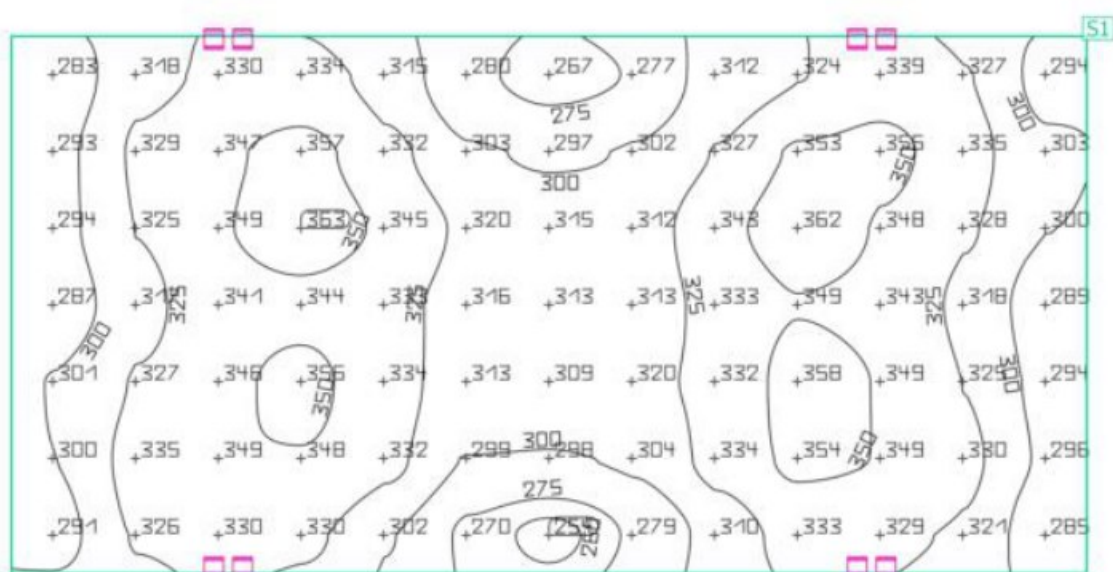
Terreno 1

## Calculation objects

Utilisation profile: Configuración DIALux predeterminada, Estándar (área de tránsito al aire libre)



Terreno 1

**PISTA**

Properties	$\bar{E}$	$E_{min}$	$E_{max}$	$g_1$	$g_2$	Index
PISTA Perpendicular illuminance Height: 0.000 m	321 lx	254 lx	363 lx	0.79	0.70	S1

Utilisation profile: Configuración DIALux predeterminada, Estándar (área de tránsito al aire libre)