

Installation: 20m x 10m

Project type : PADEL
Client :
Manager :
Date: 10.12.2018

The following values are based on the exact calculations in calibrated lamps and luminaires and their arrangement. Gradual variations may occur in practice. Warranty rights for luminaire data are excluded. The manufacturer is not responsible for subsequent damages or damages caused to the user or to third parties.

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1 Data of Luminaires

1.1 Beghelli SpA, PRO/RIF LED 400 4K ED (FH400ED)

1.1.1 Data sheet

Manufacturer: Beghelli SpA

FH400EDPRO/RIF LED 400 4K ED

Luminaire data

Grade of efficiency : 100%
Luminous of the lum : 127.72lm/W

classification : A50 - 100.0% - 0.0%

CIE Flux Codes: 61 90 99 100 100
UGR 4H 8H : 28.1 / 31.5
Power: 202 W
Luminous flux: 25800 lm

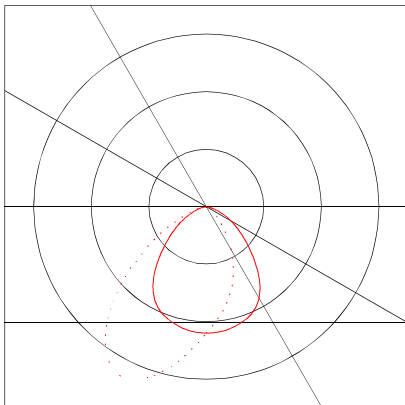
Dimensions: 438 mm x 434 mm x 121 mm

Equipment with

Quantity: 1
Name: FH400EDao led

Color : 4000

Luminous flux: 25800 lm
Chromatic Reproduction 80

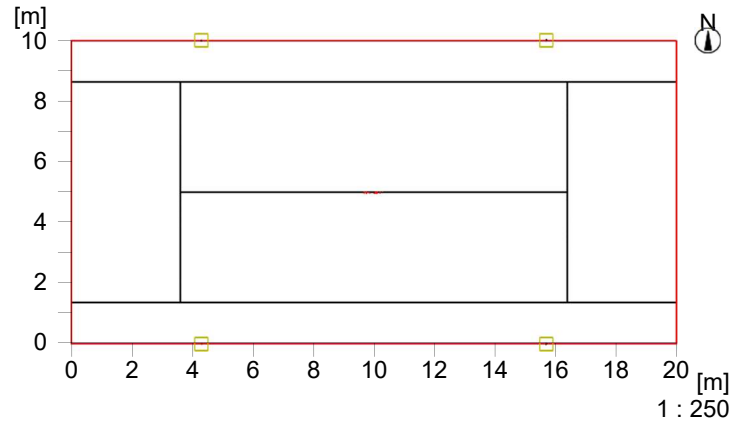


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2 Installation exterior 1

2.1 Description Outdoor installation 1

2.1.1 Horizontal projection (plan)

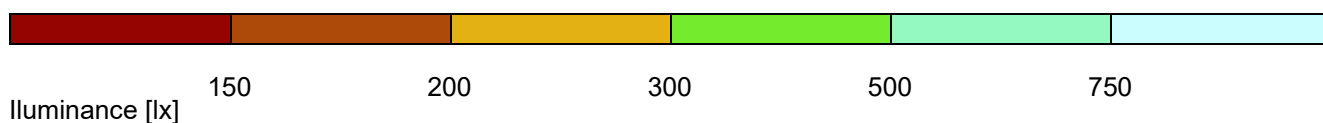
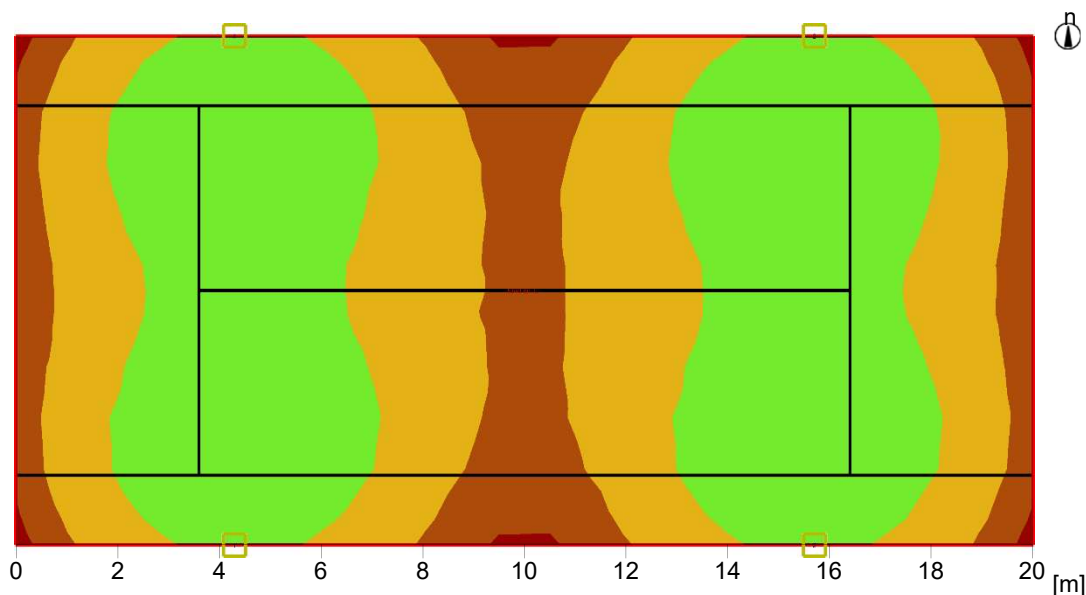


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2 Installation exterior 1

2.2 Summary, External Installation 1

2.2.2 Details of results, Evaluation area 1



General

Calculation algorithm used Direct
 Height of the light point 6.00 m
 Maintenance factor 0.90

Total luminous flux of all lamps 103200 lm
 Overall performance 808.0 W
 Performance by total of surface(200.00 m2) 4.04 W/m2 (1.49 W/m2/100lx)

Evaluation area 1 Useful level 1.1
 horizontal
 Lm 272 LX
 Lmin 149 lx
 Lmin/Ln 0.55
 Lmin/Lmax 0.38
 Position 0.00 m

Canttype. Product

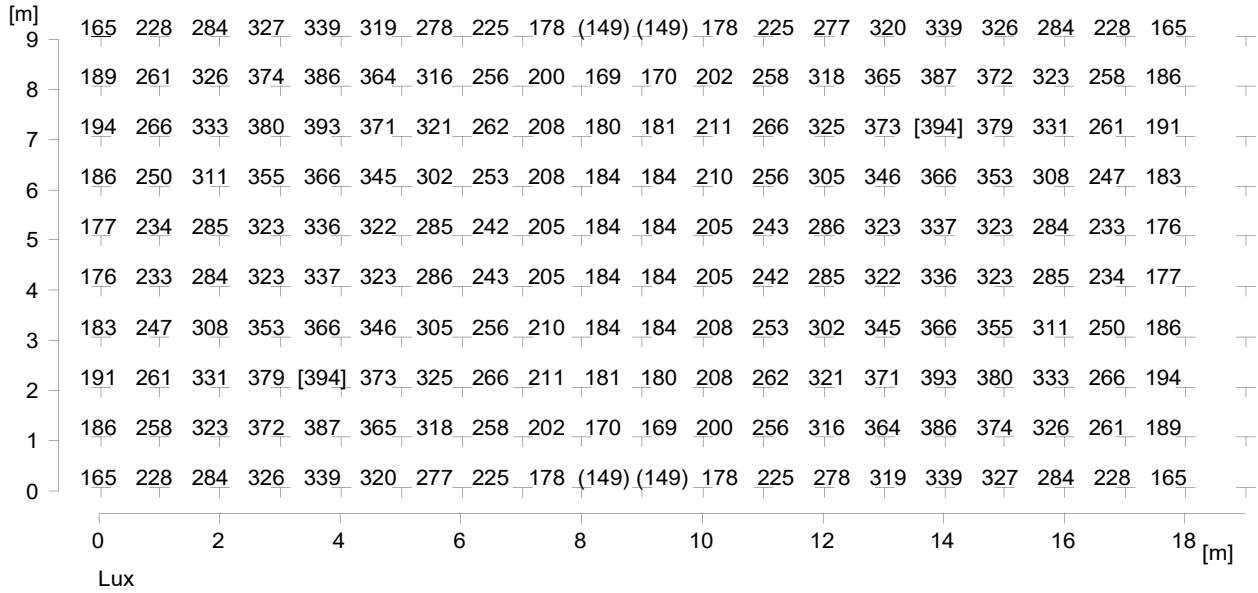
1	4	Beghelli SpA	
		Item number	: FH400ED
		Lum Name .	: PRO/RIF LED 400 4K ED
		Equipment	: 1 x FH400 EDao led 202 W / 25800

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2 Installation exterior 1

2.3 Calculation Results, External Installation 1

2.3.1 Table, Useful Level 1.1 (E)



Height of the reference level

		: 0.00 m
Lux mean	Lm	: 272 lx
Minimum Lux	Lmin	: 149 lx
Maximum Lux	Lmax	: 394 lx:
Uniformity	Lmin/Lm	: 1 : 1.82 (0.55)