



# Galaxy-PT-FL 100-320W Court Floodlight

Product Datasheet



Datasheet

Overview

Technical Data

Imagery

The Galaxy Padel-FL comprises of mid to high powered LED floodlights specifically designed for mast mounted Padel Tennis Court applications, with a wide choice of beam angles to achieve uniformity on the court. Top spec Philips LEDs for very high lumen efficiency, unique beam optics for high uniformity and low glare, combined with excellent thermal management, make the Galaxy range a class leading product.

### Features:

- Philips LEDs
- IP66
- Unique choice of beam angles
- High Specification components
- Corrosion Proof Coating (marine grade option available)
- 7m pre-flexed lead

### 5 year warranty

The Galaxy PT-FL Sports Floodlight is the latest generation high power LED floodlight, with a circuit watt efficiency up to 160 lumens per watt. Robust construction and corrosion proof coating make this fixture ideal for harsh weather climates.



100w &amp; 150w

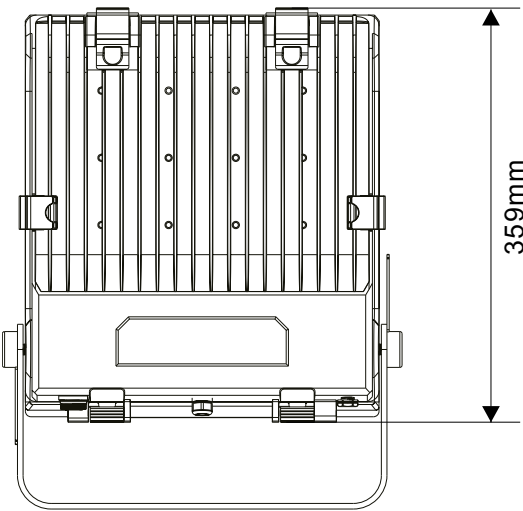
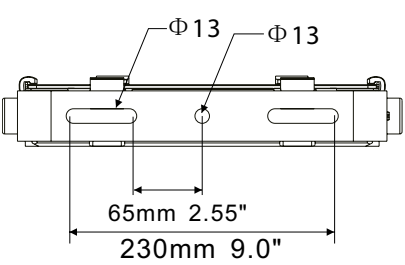


200w &amp; 240w

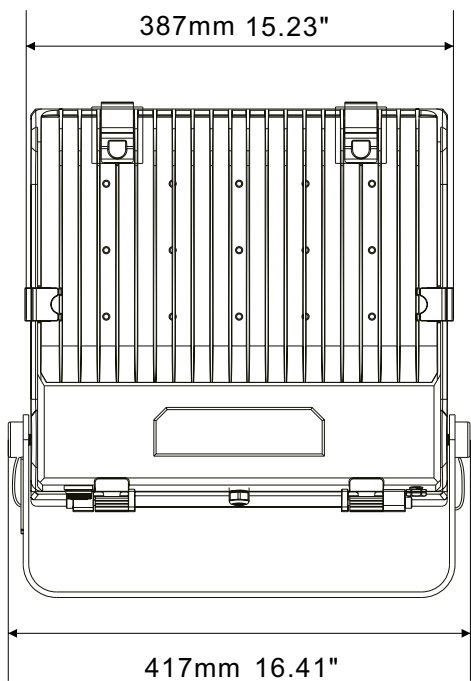
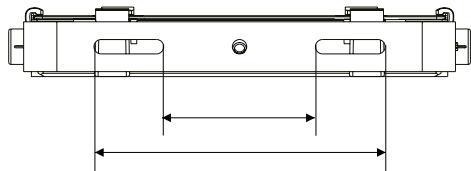
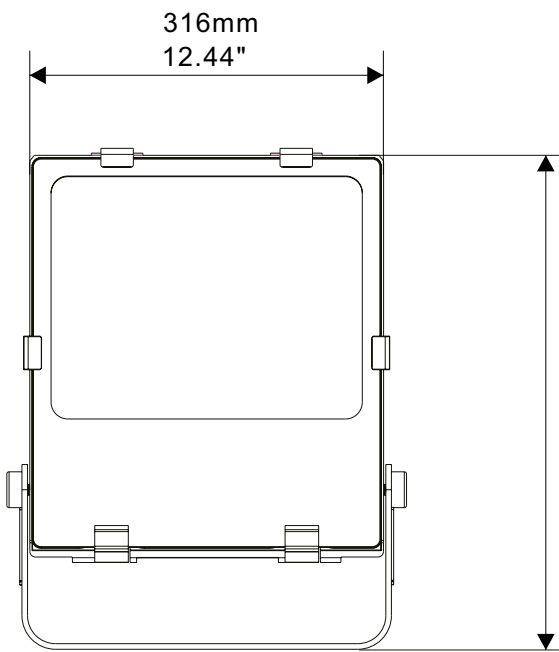
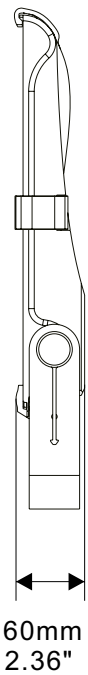


320w

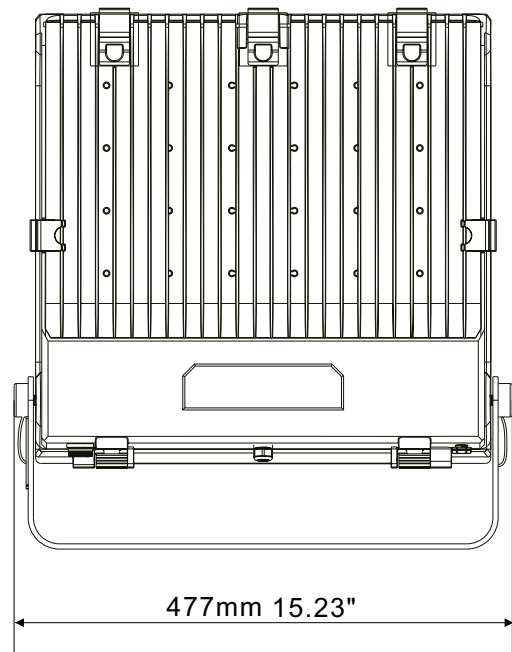
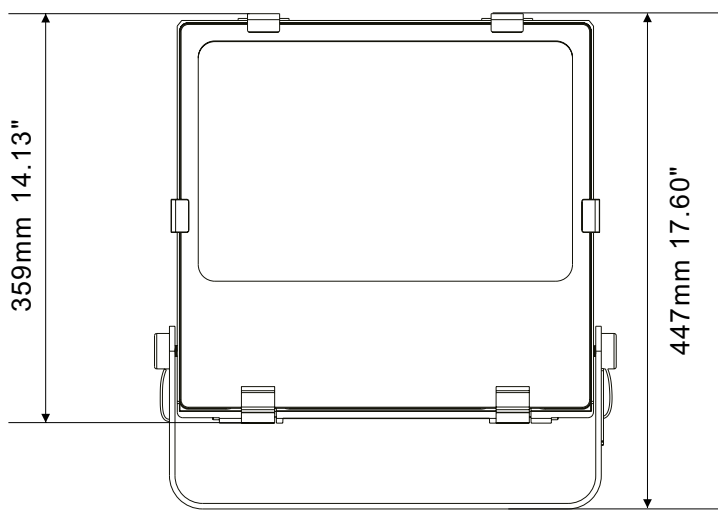
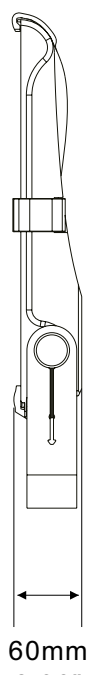




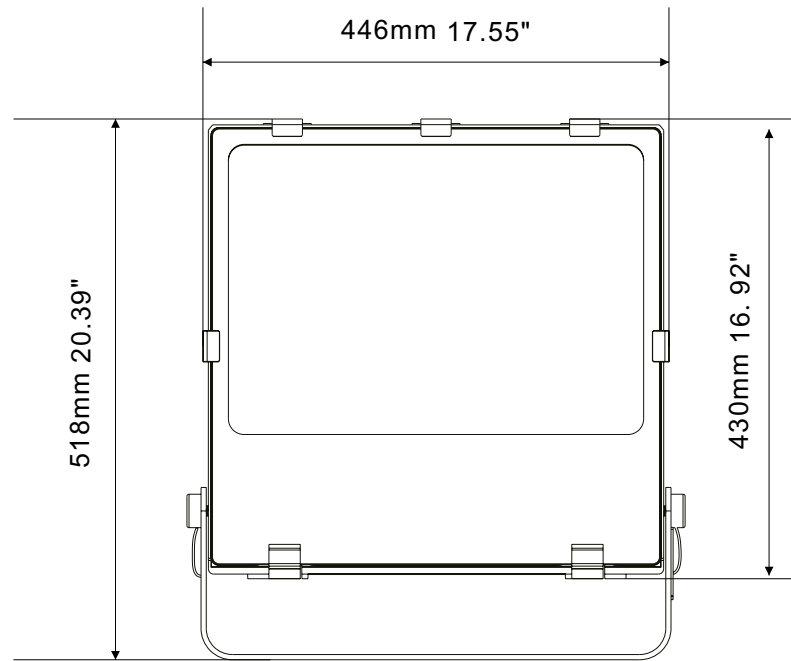
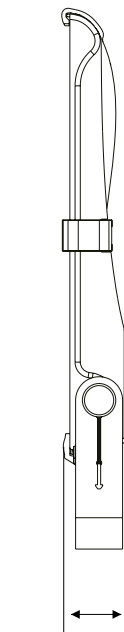
100w & 150w



200w & 240w



320w



| Product Code          | GALAXY-PT-FL-100W / GALAXY-PT-FL-150W / GALAXY-PT-FL-200W / GALAXY-PT-FL-240W / GALAXY-PT-FL-320W |
|-----------------------|---------------------------------------------------------------------------------------------------|
| Power                 | 100 watts / 150 watts / 200 watts / 240 watts / 320 watts                                         |
| Lumen Output          | 16,000 / 23,250 / 30,000 / 34,800 / 46,5000                                                       |
| Input Voltage         | 100-277VAC or 200-240VAC                                                                          |
| LED Chip              | Philips                                                                                           |
| Dimmable Options      | 1-10v or Dali                                                                                     |
| Operation Temperature | -30°C ~ +45°C                                                                                     |
| Finish                | Black                                                                                             |
| IP Rating             | IP66                                                                                              |
| Beam Angles           | 20°, 60°, 90°, 120°, Type IV, P50                                                                 |
| CCT                   | 3000K, 4000K, 5000K, 5700K                                                                        |
| Warranty              | 5 Years                                                                                           |
| Weight                | 4.2KG / 4.2KG / 5.7KG / 5.7KG / 7.0KG                                                             |

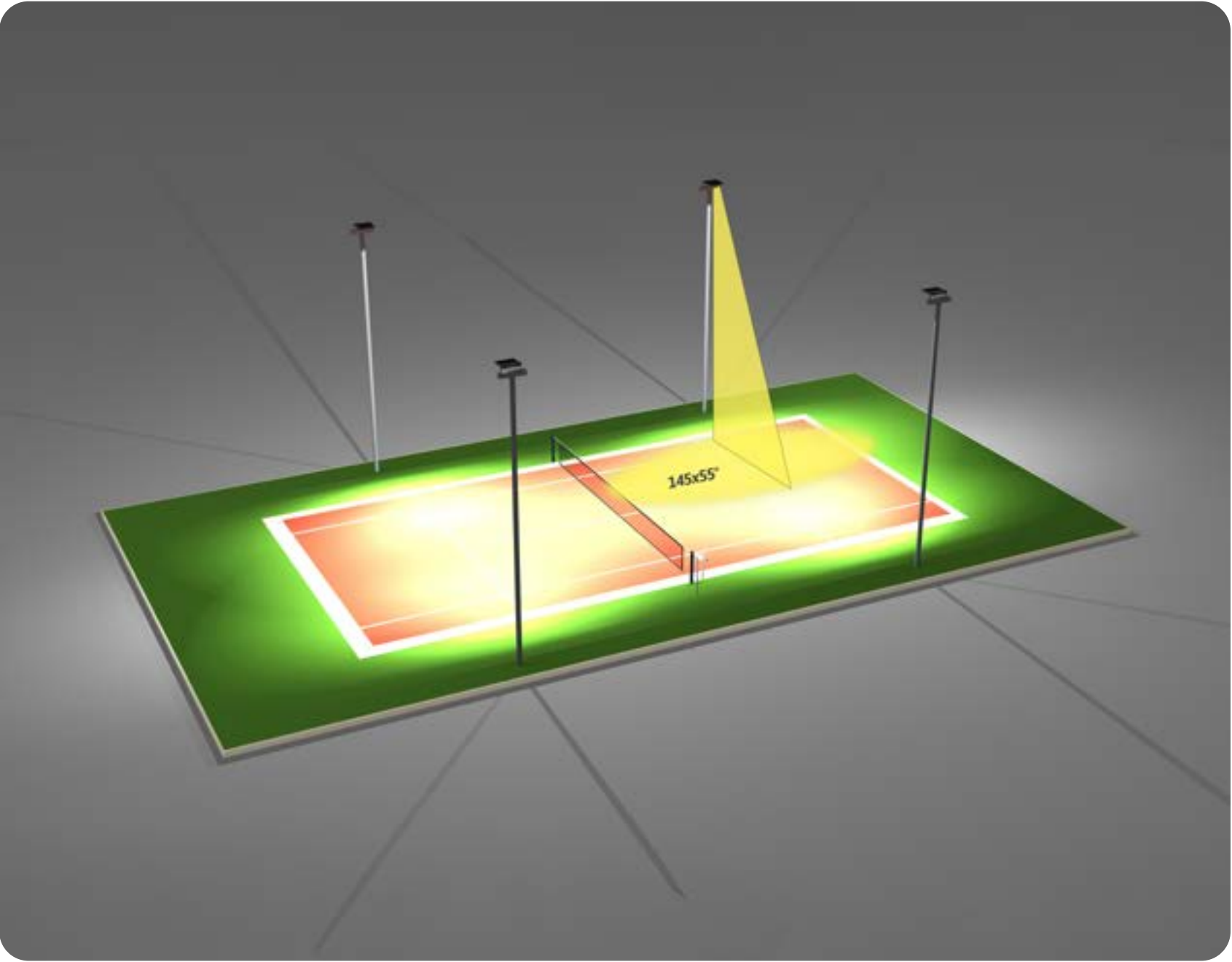


Exploded View



Fitting with Visor





**PADEL****TECH™**  
Innovative Padel Court Solutions

**LTA** **PADEL**

|               |          |
|---------------|----------|
| AFP<br>COURTS |          |
| adidas        | RedSport |

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.

## 1 Data of Luminaires

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

#### 1.1.1 Data sheet

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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

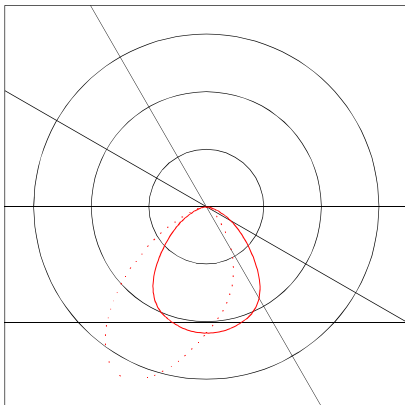
Dimensions: 438 mm x 434 mm x 121 mm

#### Equipment with

Quantity: 1  
Name: FH400EDao led

Color : 4000

Luminous flux: 25800 lm  
Chromatic Reproduction 80

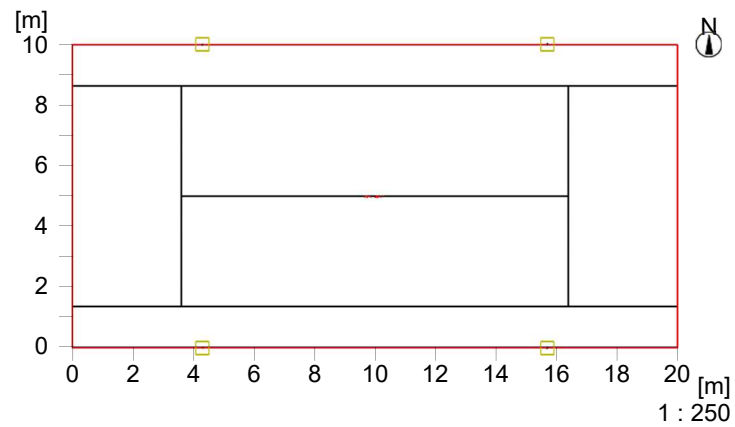


## 2 Installation exterior 1

### 2.1 Description Outdoor installation 1

#### 2.1.1 Horizontal projection (plan)

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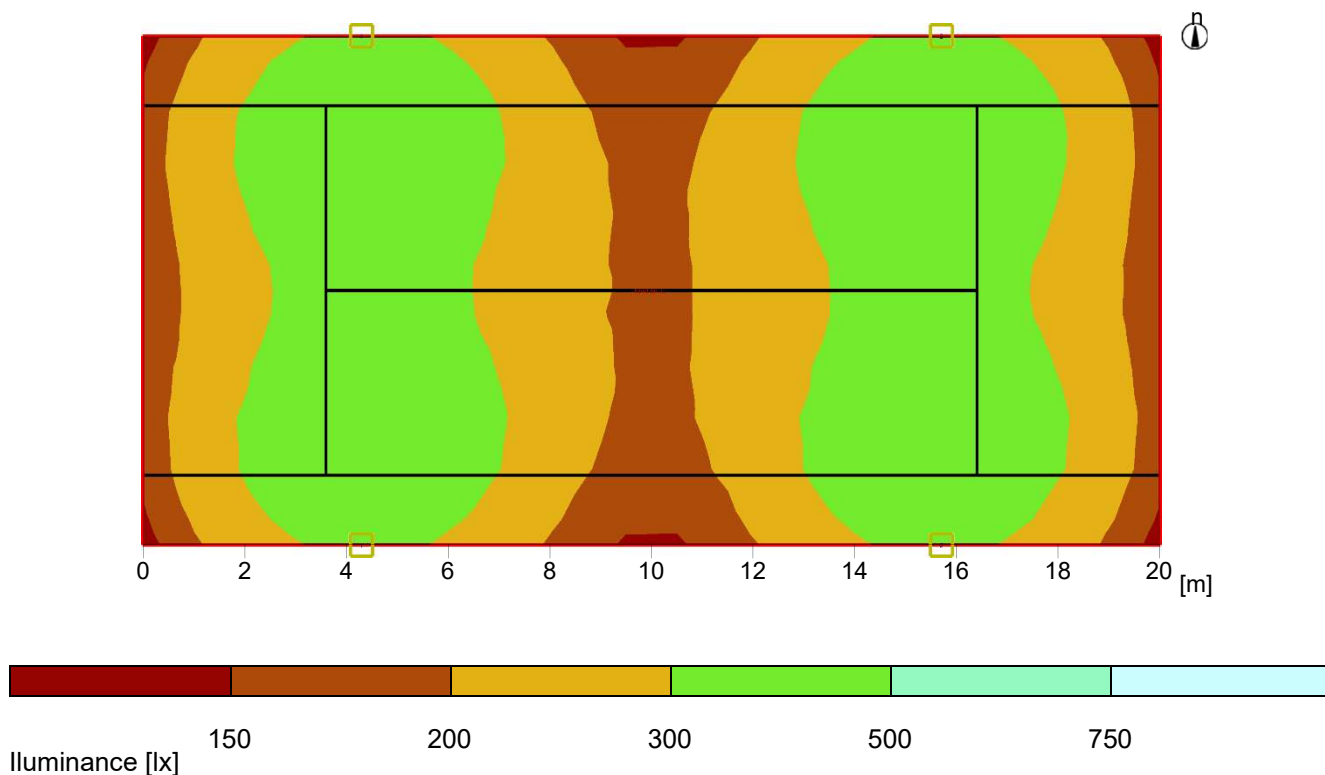


Installation :  
Object : 20m x 10m  
N ° of the Date : Track Padel  
project : 10.12.2018

## 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  
Maintenance factor

portion  
6.00 m  
0.90

Total luminous flux of all lamps  
Overall performance  
Performance by total of surface(200.00 m2)

103200 lm  
808.0 W  
4.04 W/m2 (1.49 W/m2/100lx)

#### Evaluation area 1

Useful level 1.1  
horizontal

Lm  
Lmin  
Lmin/Ln  
Lmin/Lmax  
Position

272 LX  
149 lx  
0.55  
0.38  
0.00 m

#### Canttype. Product

1 4



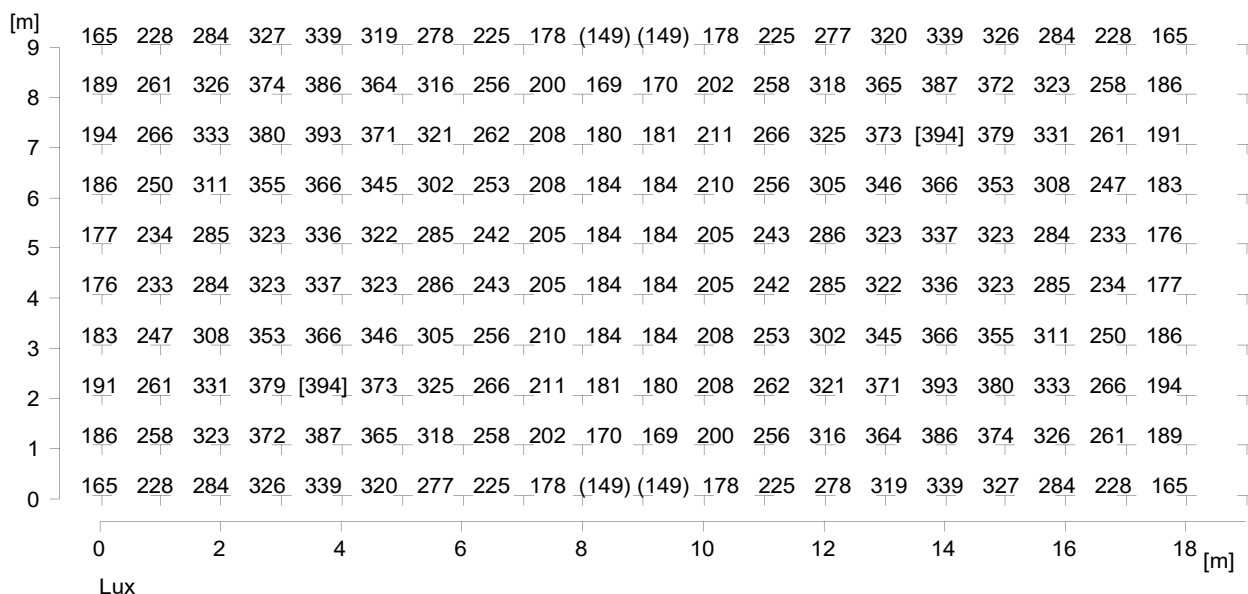
Beghelli SpA  
Item number  
Lum Name .  
Equipment

: FH400ED  
: PRO/RIF LED 400 4K ED  
: 1 x FH400 EDao led 202 W / 25800

## 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) |