



## **COMUNE DI MARINEO**

Città Metropolitana di Palermo

### **AREA 3 TECNICA**

OGGETTO: LAVORI DI ILLUMINAZIONE ARTISTICA CASTELLO BECCADELLI BOLOGNA NEL TERRITORIO  
DEL COMUNE DI MARINEO (PA).

- RELAZIONE TECNICA;
- RELAZIONE ELETTROTECNICA;
- RELAZIONE ILLUMINOTECNICA;
- CALCOLI ILLUMINOTECNICI;
- ELABORATI PROGETTUALI;
- COMPUTO METRICO;
- ANALISI PREZZI;
- QUADRO ECONOMICO;
- CRONOPROGRAMMA;
- CAPITOLATO SPECIALE D'APPALTO;
- PIANO DI MANUTENZIONE DELL'OPERA;
- SCHEDE TECNICHE DEI MATERIALI.

Marineo lì 22/04/2022

Il Progettista

Ing. Leoluca Cedro

Calcoli illuminotecnici

# Marineo – Castello Beccadelli Bologna

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## 1. Curve fotometriche

### Luminaire list

$\Phi_{total}$ 89434 lm	$P_{total}$ 2455.5 W	Luminous efficacy 36.4 lm/W
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pcs.	Manufacturer	Article No.	Article name	P	$\Phi$	Luminous efficacy
13	GRIVEN S.r.l.	AL5005EW RNRGS	Capital 100 Extra Wide RGBN	72.5 W	2472 lm	34.1 lm/W
6	GRIVEN S.r.l.	AL5005WI RNRGS	Capital 100 Wide RGBN	73.0 W	2753 lm	37.7 lm/W
2	GRIVEN S.r.l.	AL5005W WRNRGS	Capital 100 Wall Wash	72.5 W	2810 lm	38.8 lm/W
6	GRIVEN S.r.l.	AL5010WL RNRGS	Capital 200 Elliptical Wide RGBN	155.0 W	5860 lm	37.8 lm/W

#### QUANTITY    CONTROL SYSTEM & ACCESSORIES

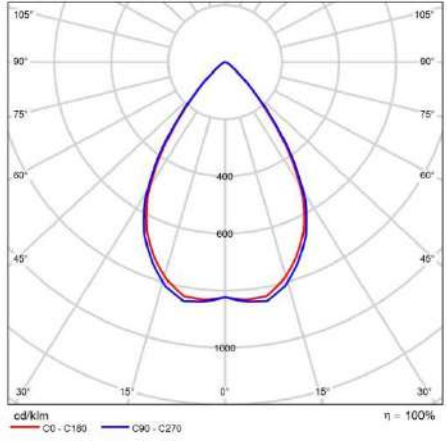
1	AL424 WALL-TSC CONTROLLER
2	AL4386 4-WAY DMX-RDM SPLITTER
1	AL1321 INFRARED REMOTE CONTROL
12	AL4469 120 OHM RESISTOR

# Product data sheet

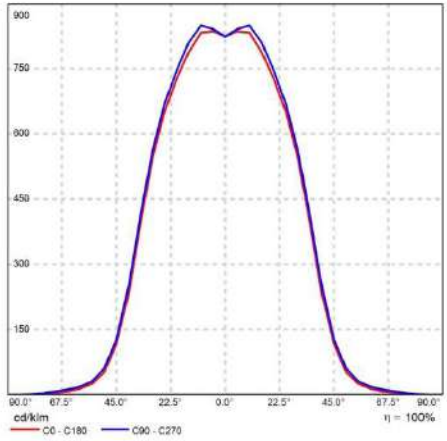
GRIVEN S.r.l. - Capital 100 Extra Wide RGBN



Article No.	ALS005EWRN
P	72,5 W
$\Phi_{\text{Luminaire}}$	2472 lm
Luminous efficacy	34,1 lm/W



Polar LDC



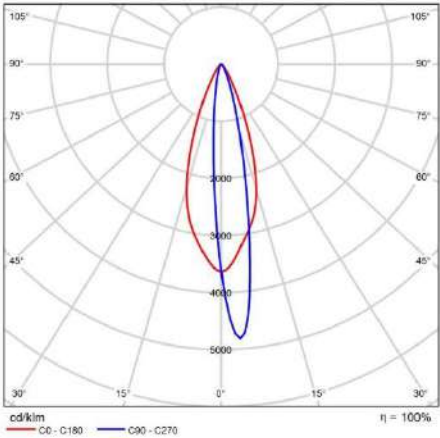
Linear LDC

Product data sheet

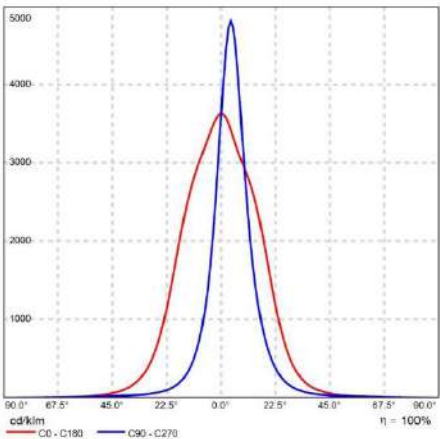
GRIVEN S.r.l. - Capital 100 Wall Wash



Article No.	AL5005WWRNRGS
P	72.5 W
$\Phi_{\text{Luminaire}}$	2810 lm
Luminous efficacy	38.8 lm/W



Polar LDC



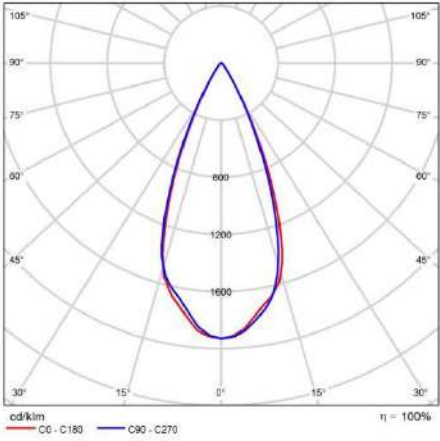
Linear LDC

# Product data sheet

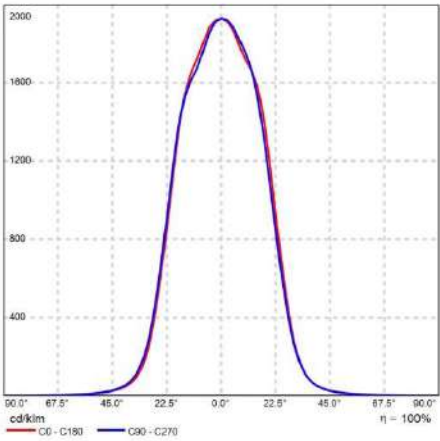
GRIVEN S.r.l. - Capital 100 Wide RGBN



Article No.	AL5005WIRNRGS
P	73.0 W
$\Phi_{\text{Luminaire}}$	2753 lm
Luminous efficacy	37.7 lm/W



Polar LDC



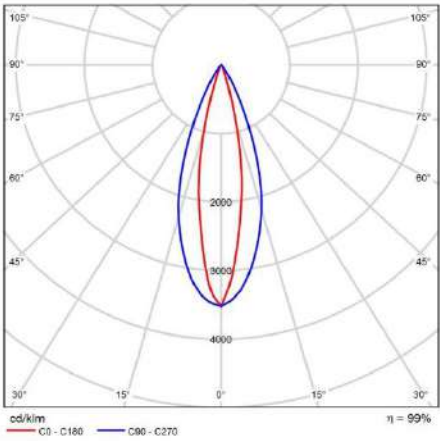
Linear LDC

Product data sheet

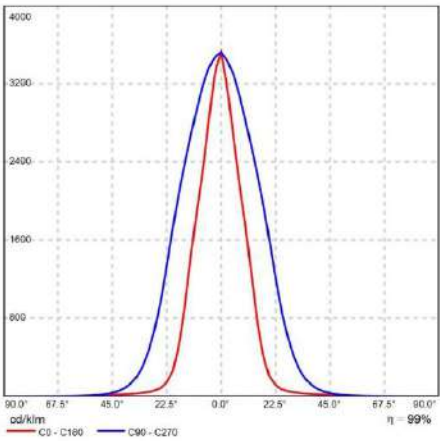
GRIVEN S.r.l. - Capital 200 Elliptical Wide RGBN



Article No.	AL5010WLRNRGS
P	155.0 W
$\Phi_{\text{Luminaire}}$	5860 lm
Luminous efficacy	37.8 lm/W



Polar LDC



Linear LDC

## 2. Simulazioni fotografiche

Castello Beccadelli

Images

DIALux



Castello Beccadelli

Images

DIALux



Castello Beccadelli

DIALux

Images



Castello Beccadelli

DIALux

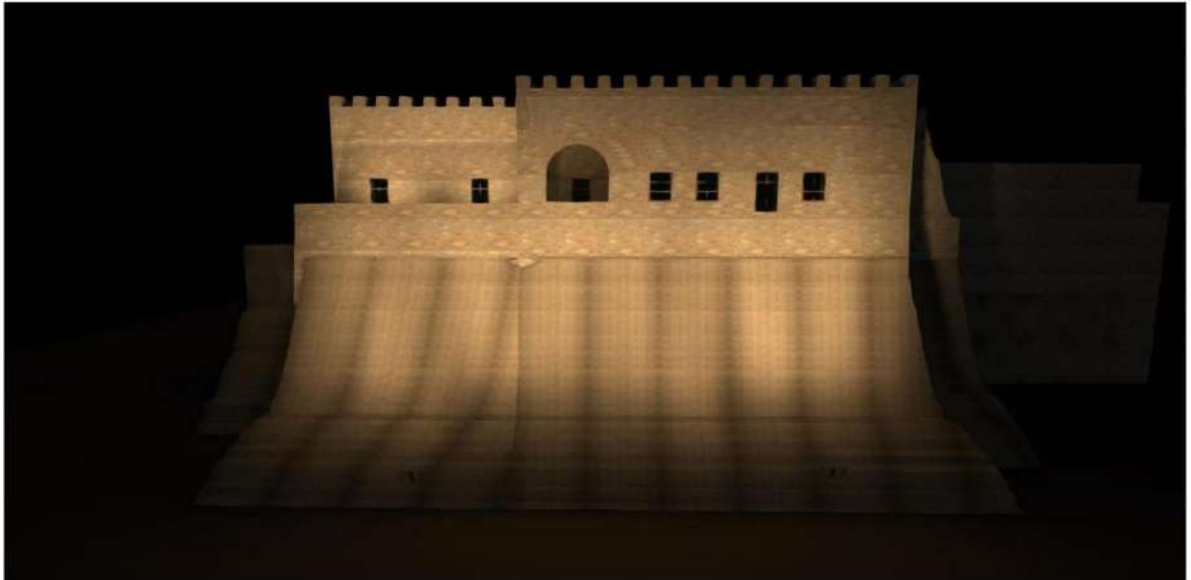
Images



Castello Beccadelli

Images

DIALux



Castello Beccadelli

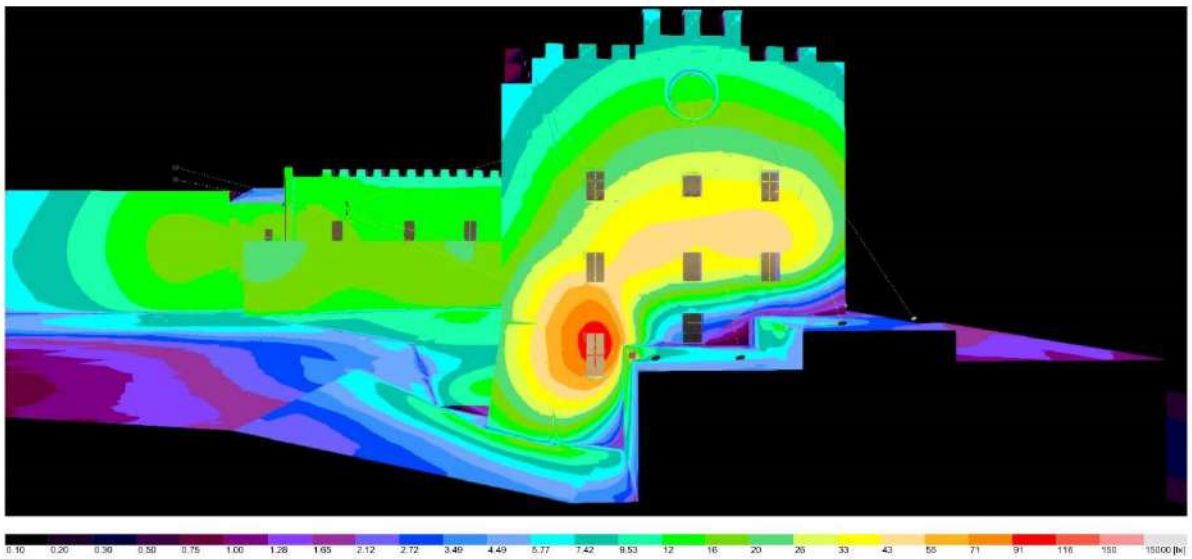
Images

DIALux



### 3. Simulazioni a colori sfalsati

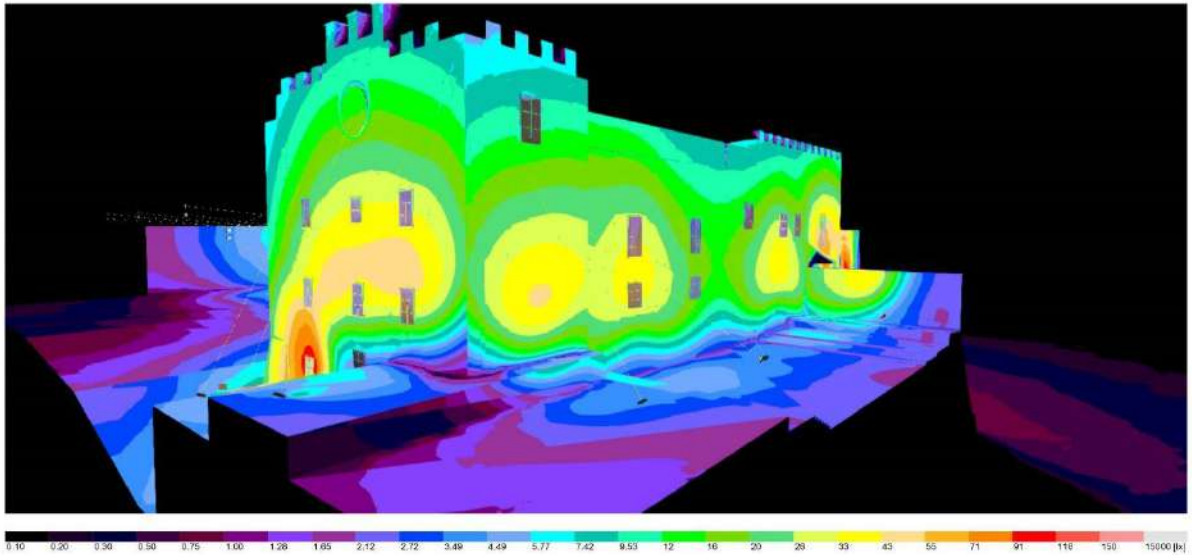
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Castello Beccadelli

DIALux

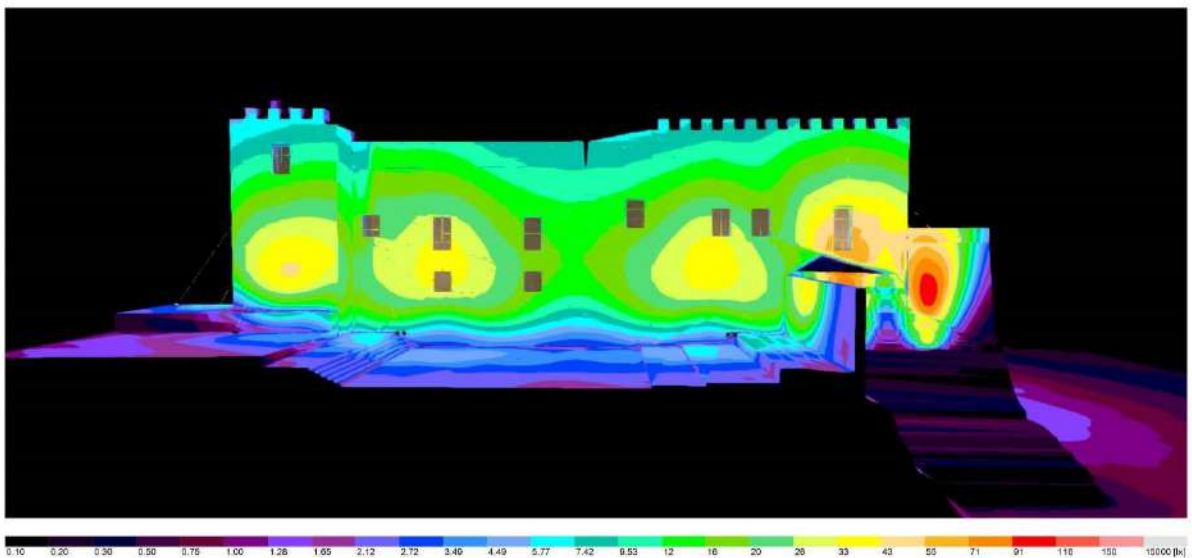
Images



Castello Beccadelli

DIALux

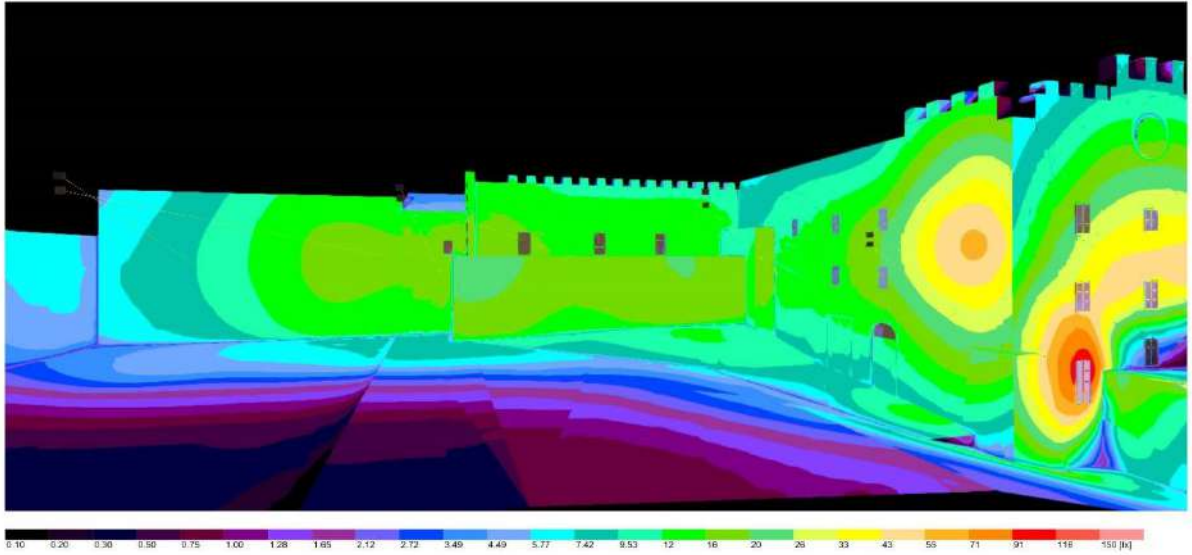
Images



Castello Beccadelli

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Images



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