Date 23 Oct 2024

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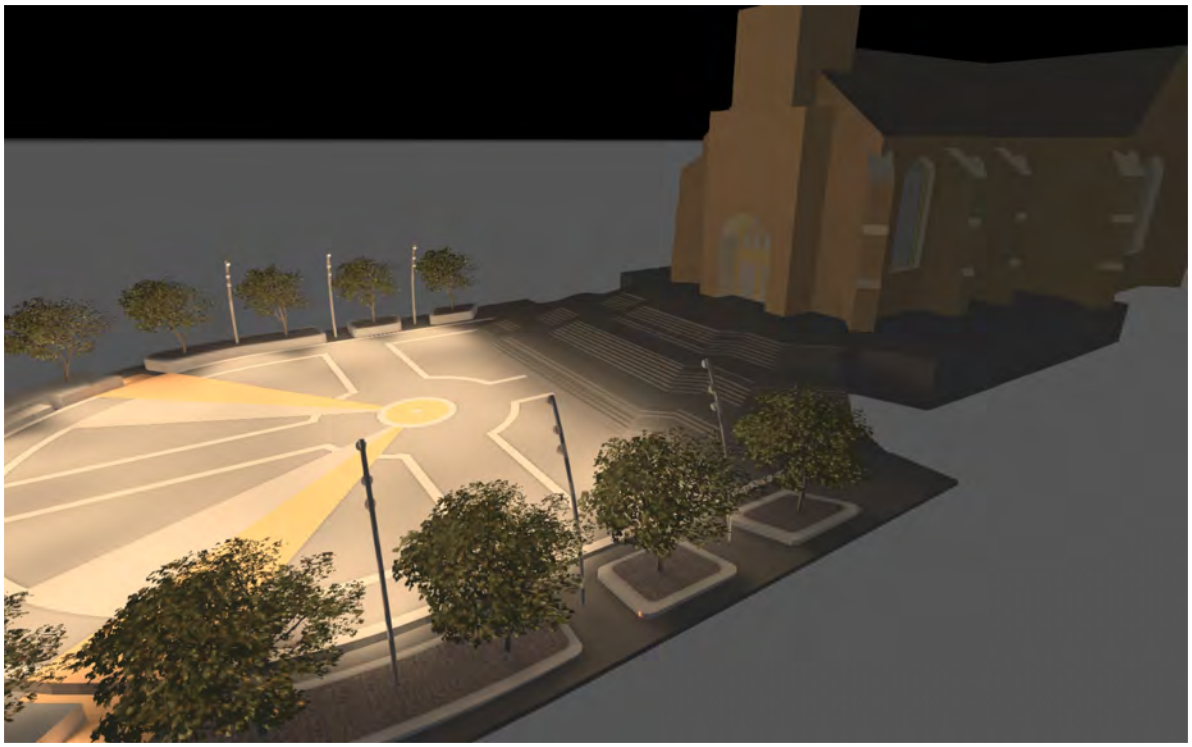

Ghajnsielem Parish Church

Editor
LDS

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Contacts

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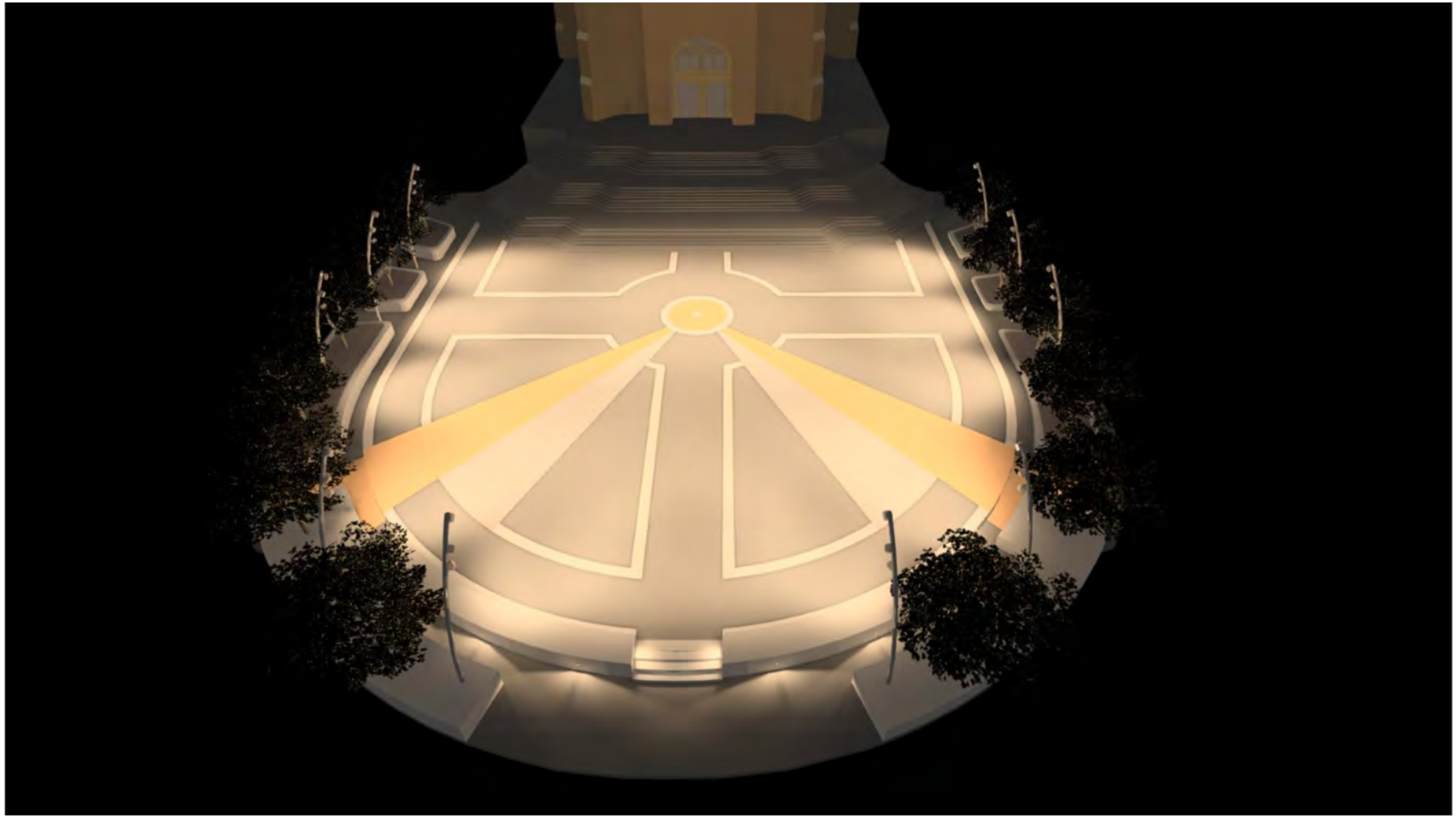
Images



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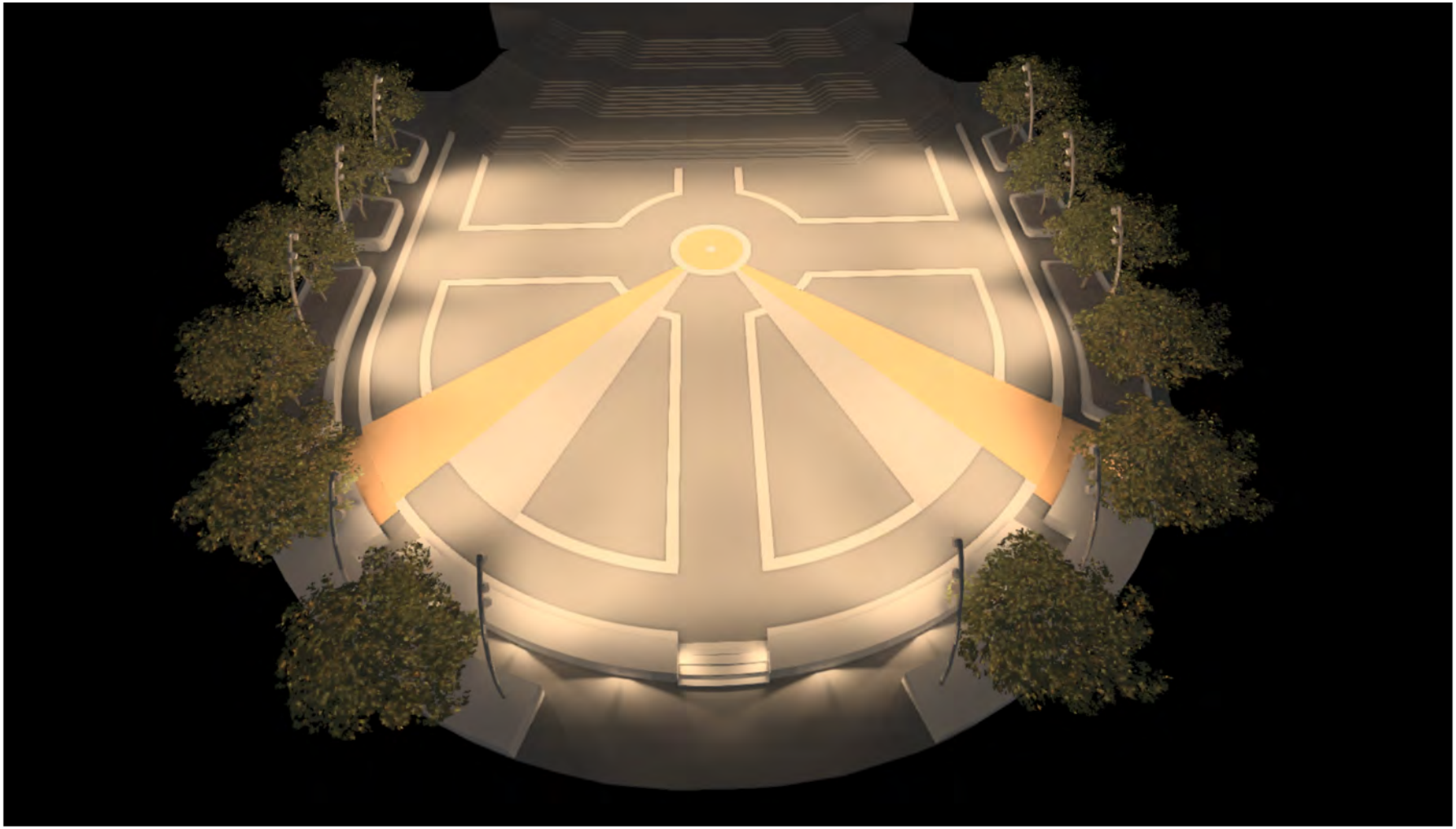

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Images

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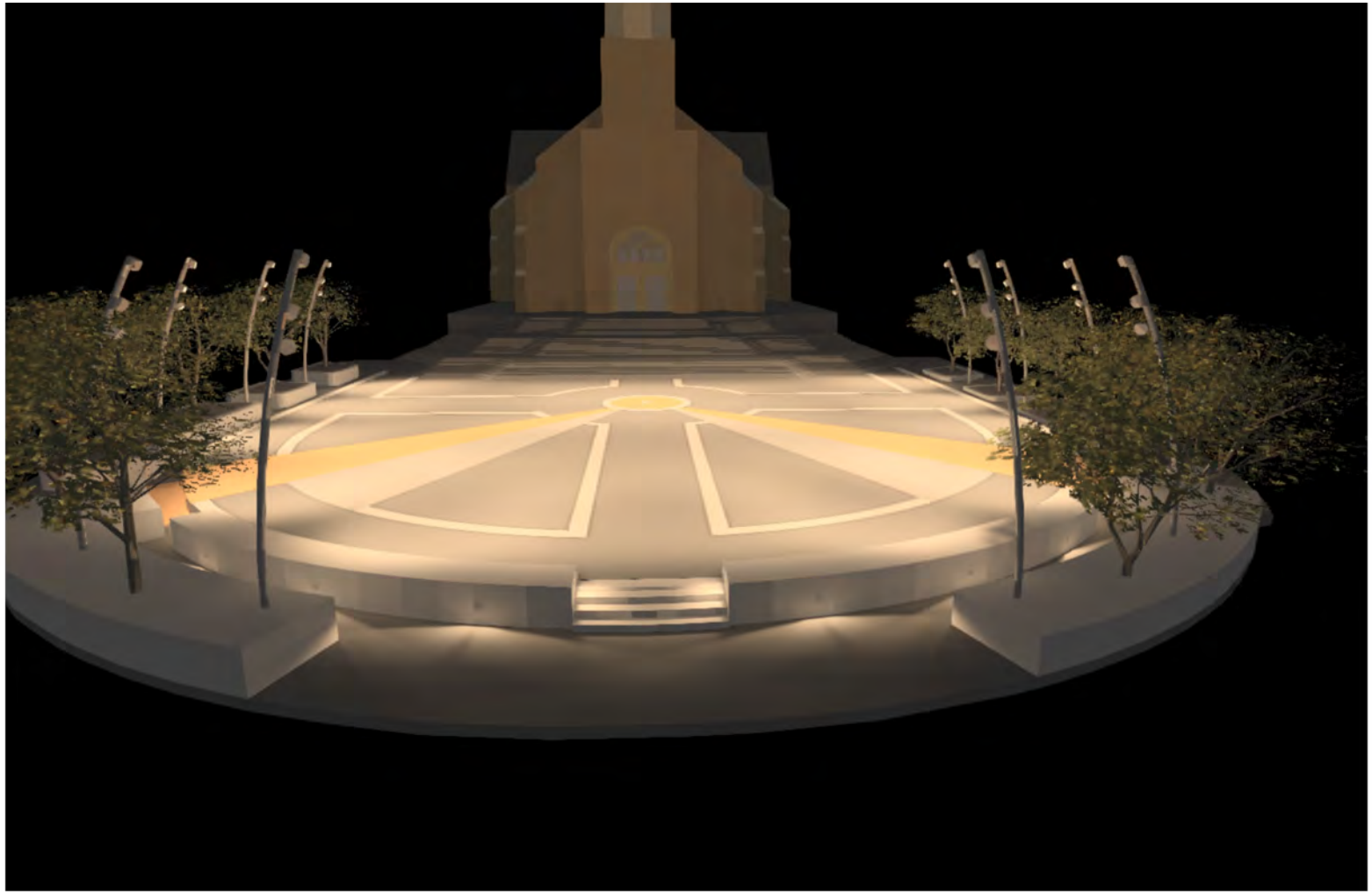

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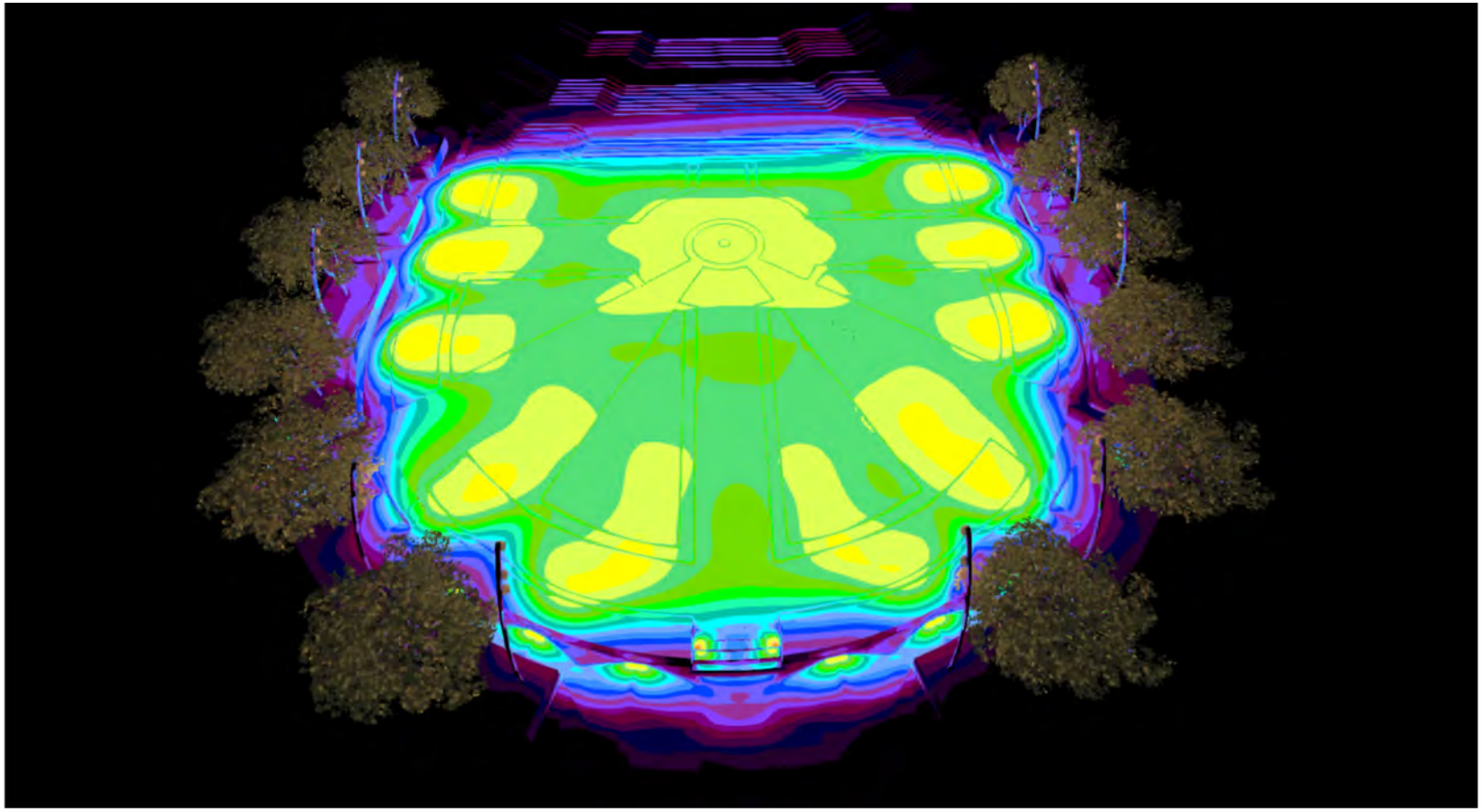

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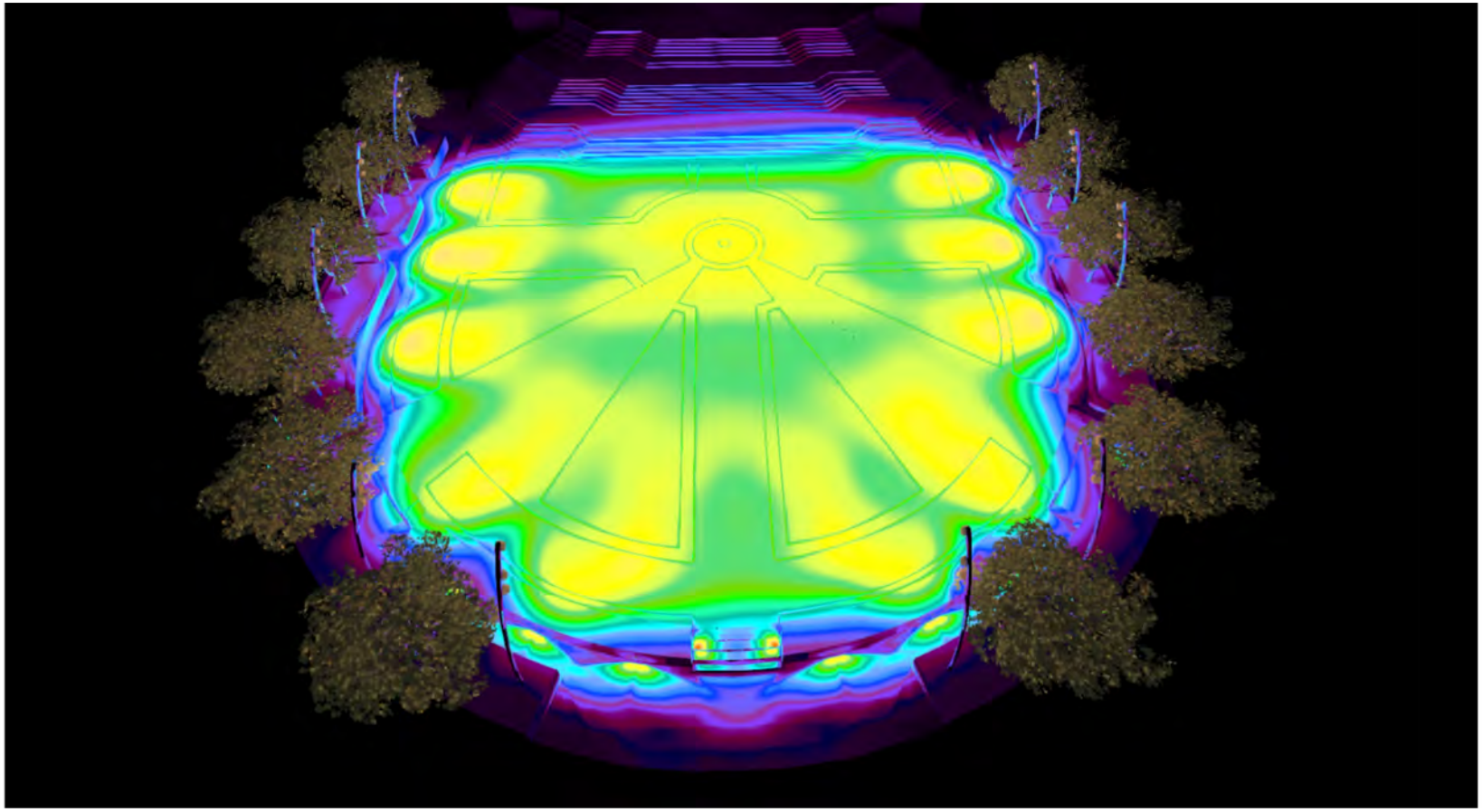

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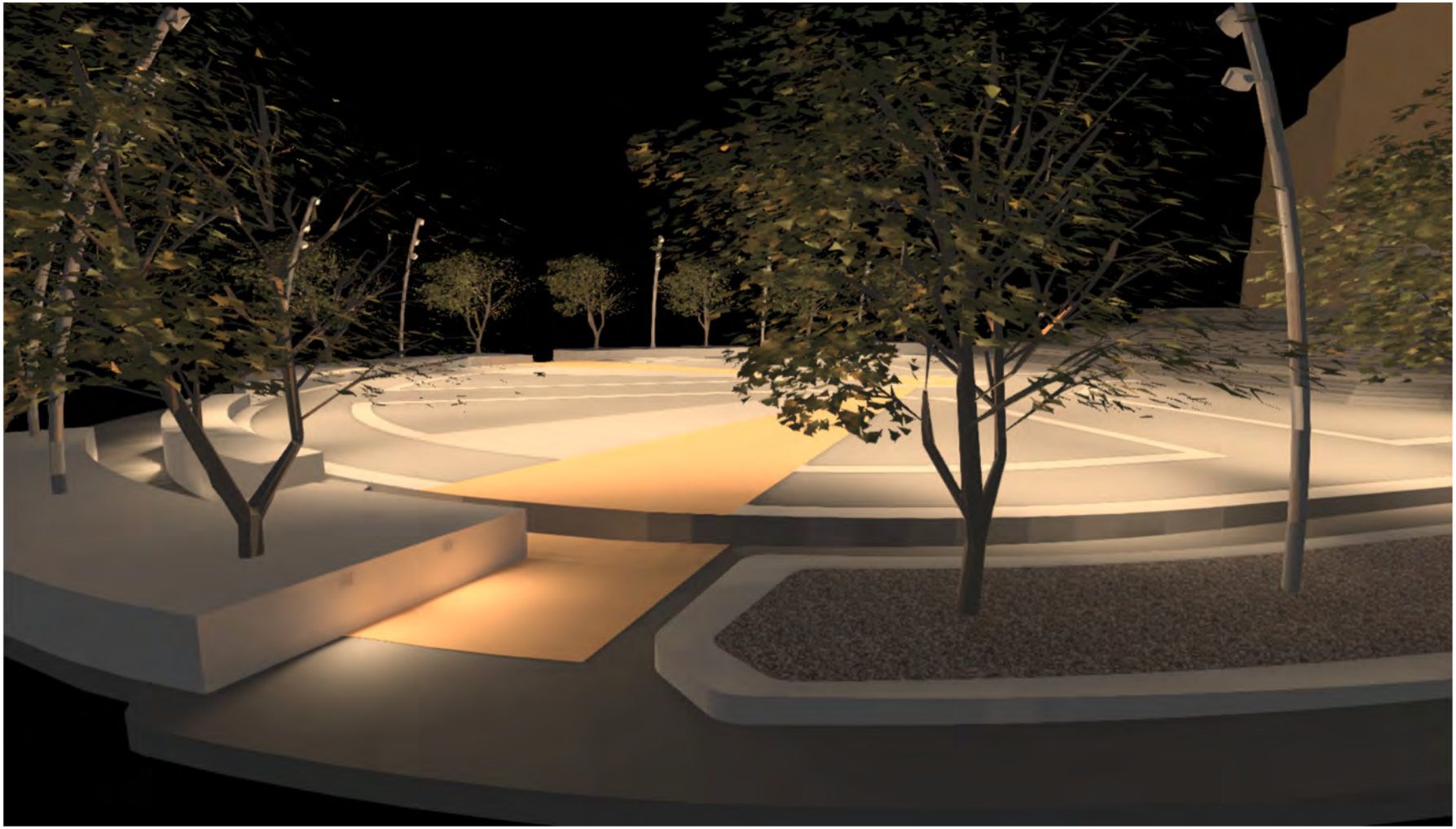

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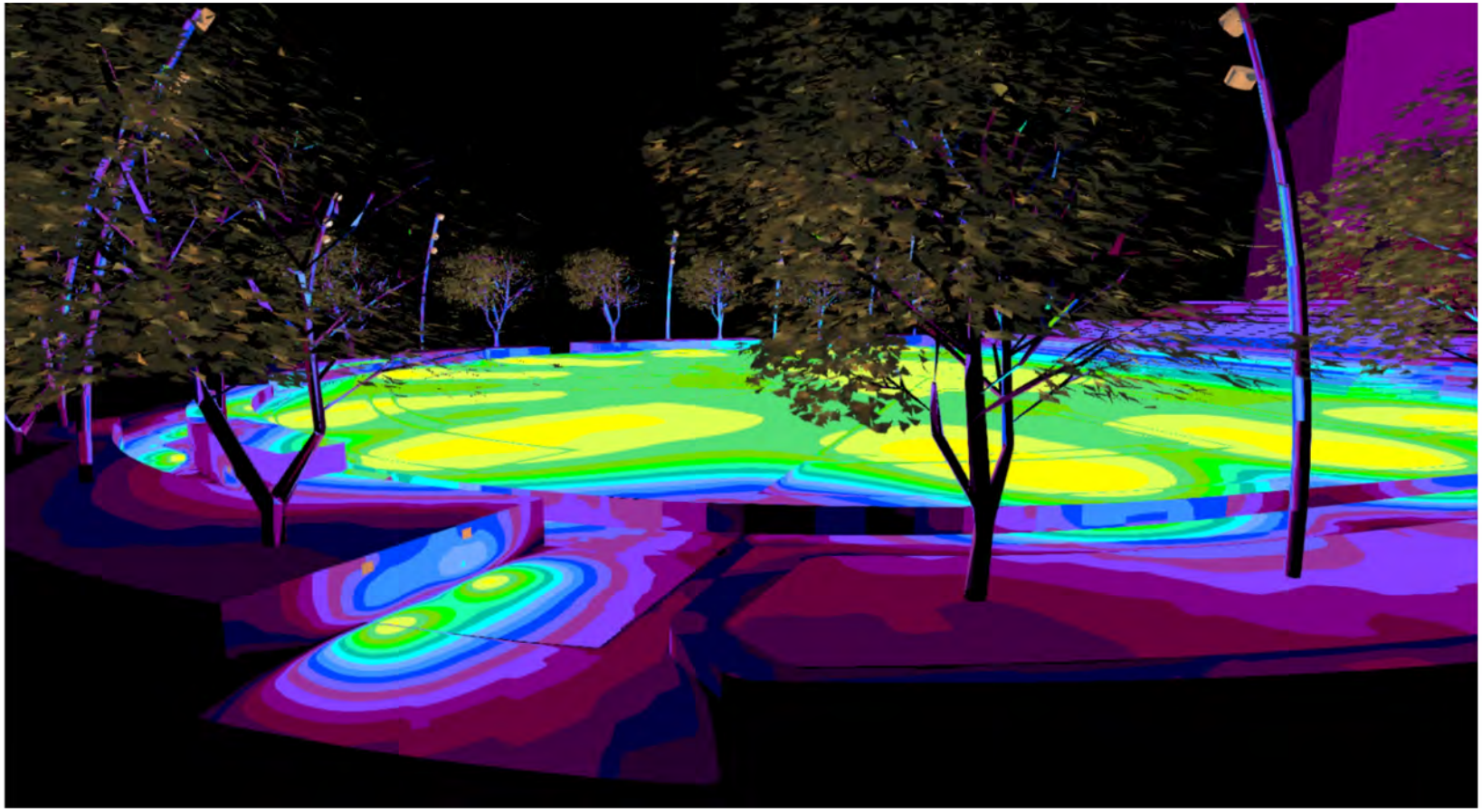

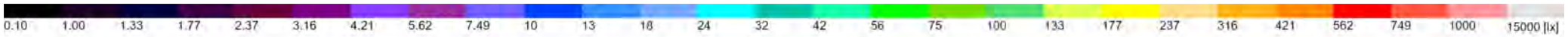

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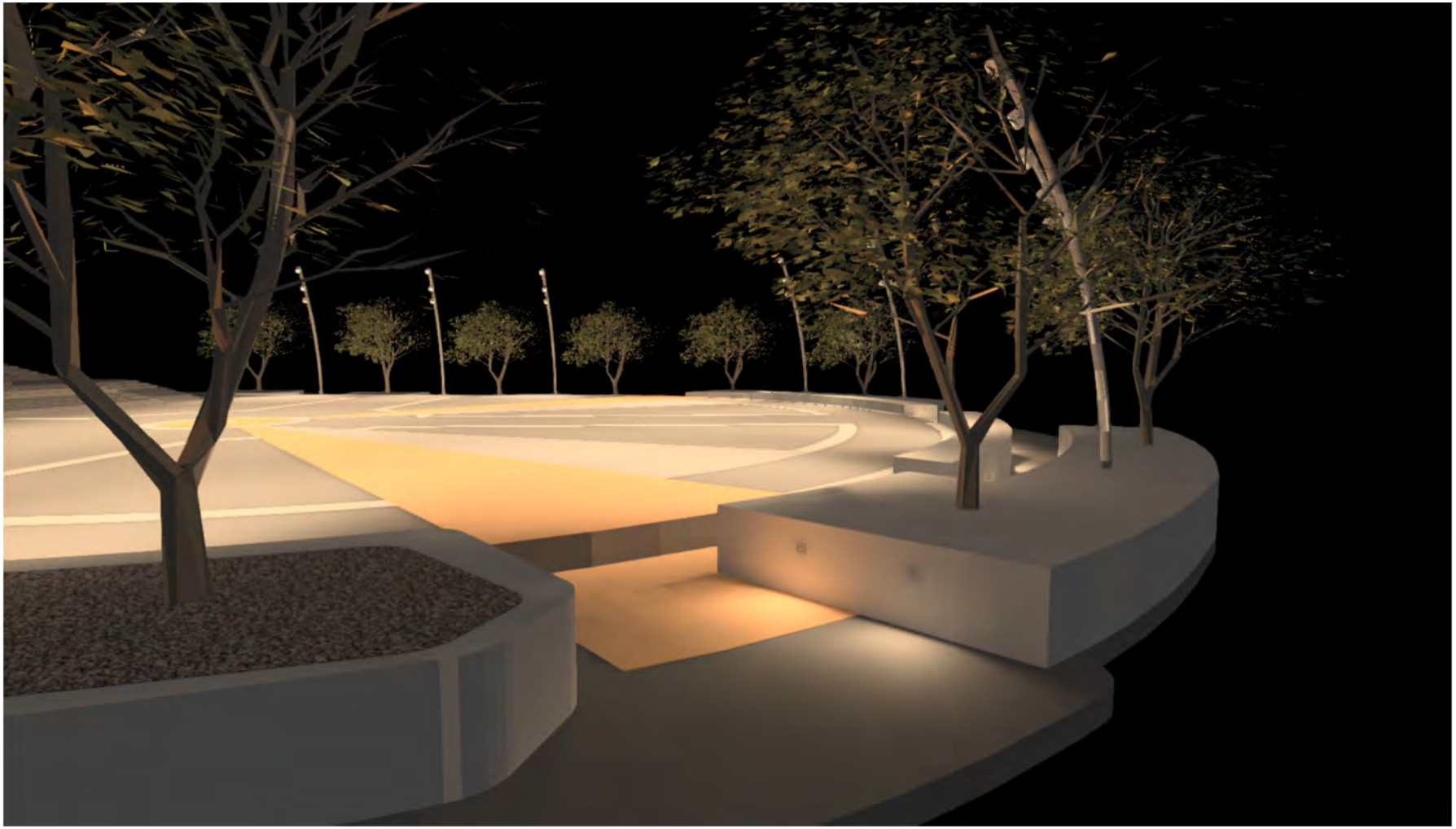

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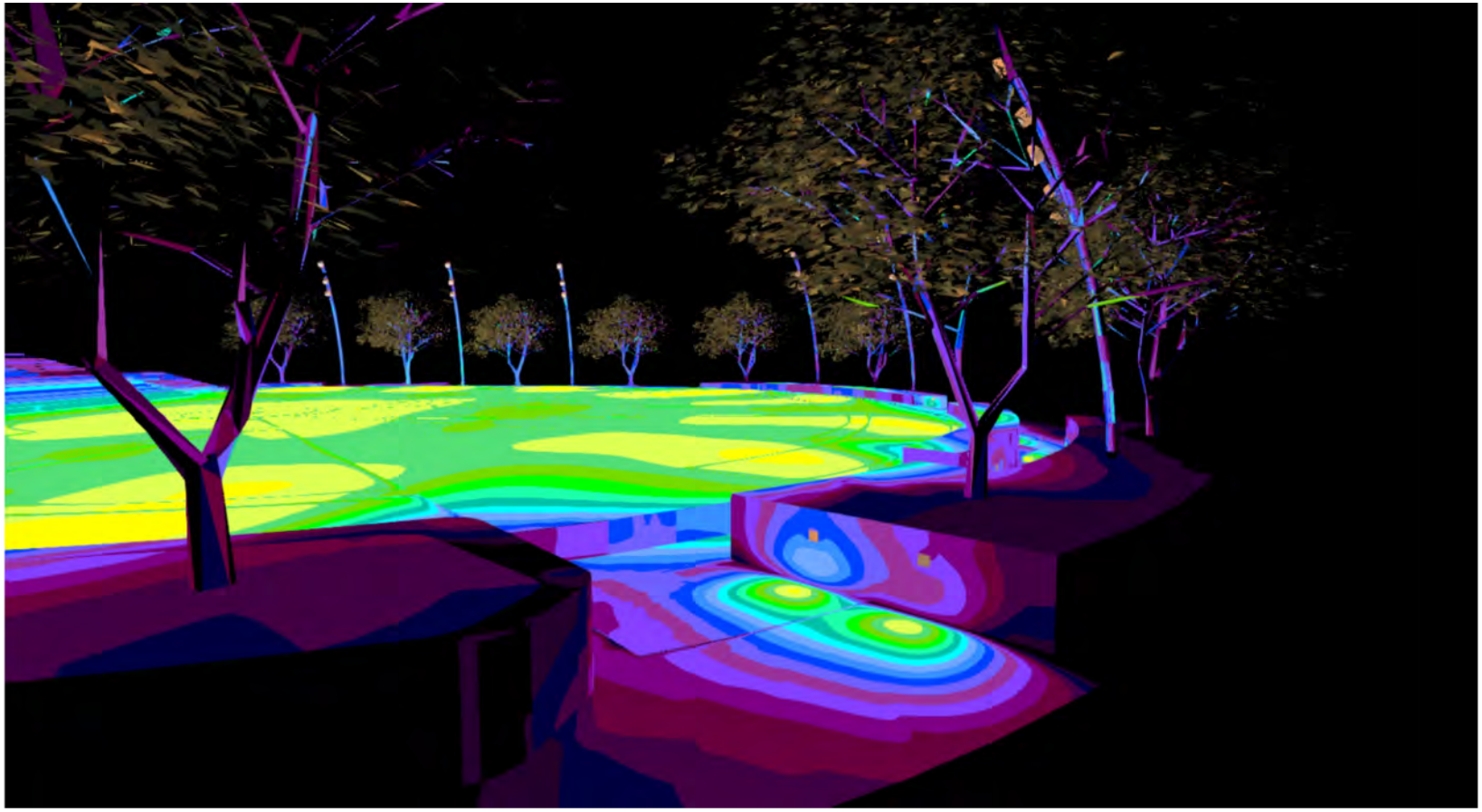

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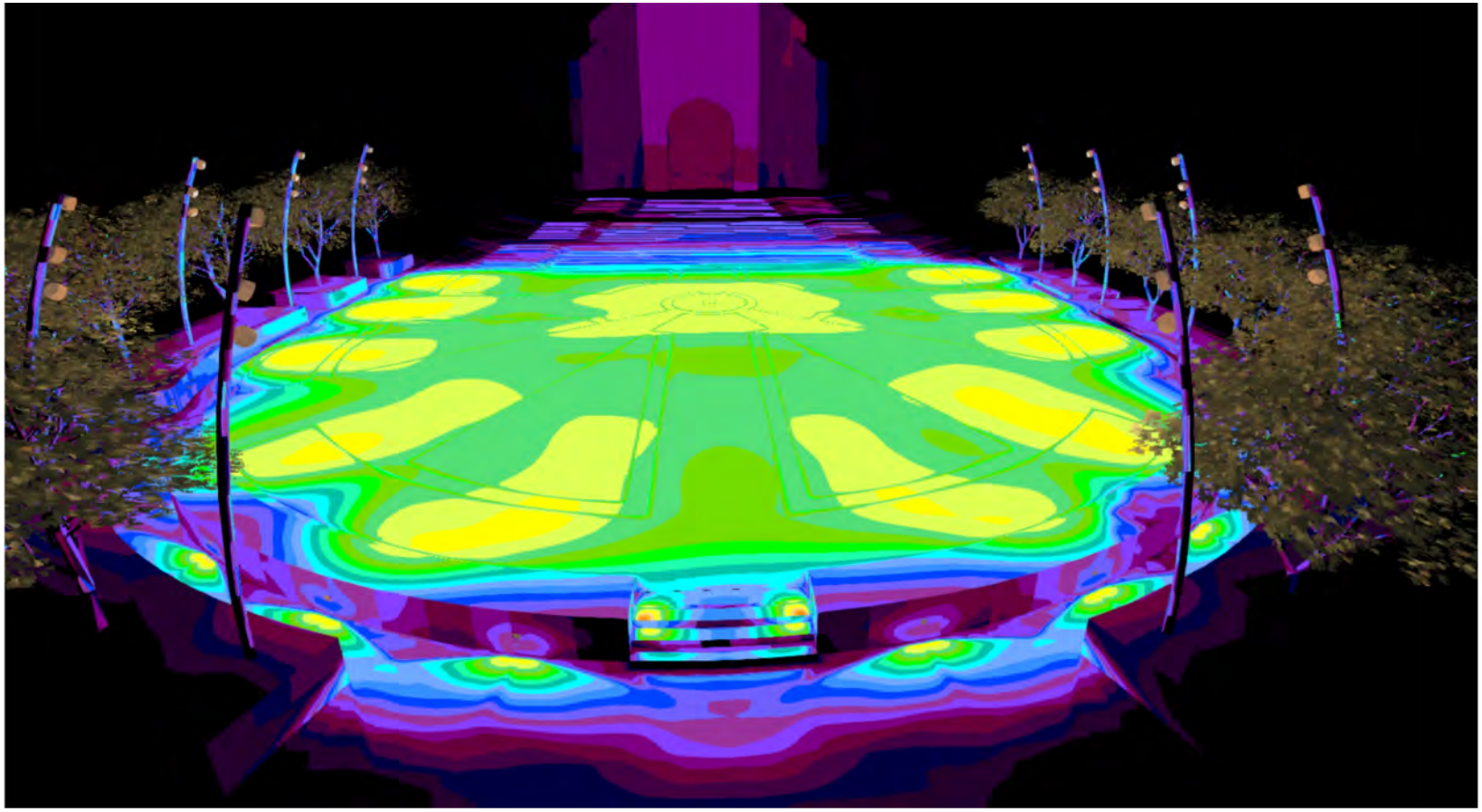

Luminaire list

Φ_{total}	P_{total}	Luminous efficacy
243180 lm	3254.0 W	74.7 lm/W

pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
4	ERCO	34634000_V05	Kona Projector	81.0 W	6384 lm	78.8 lm/W
6	ERCO	34644000_V05	Kona Projector	109.0 W	8409 lm	77.1 lm/W
20	ERCO	34648000_V05	Kona Floodlight	109.0 W	8199 lm	75.2 lm/W
6	L&L Luce&Light		PASITO 1.1 AH 150x90 [3000K CRI90 8W 230Vac] anthracite	8.0 W	316 lm	39.5 lm/W
6	L&L Luce&Light		PASITO 1.1 BH 60 [3000K CRI90 8W 230Vac] anthracite	8.0 W	219 lm	27.4 lm/W

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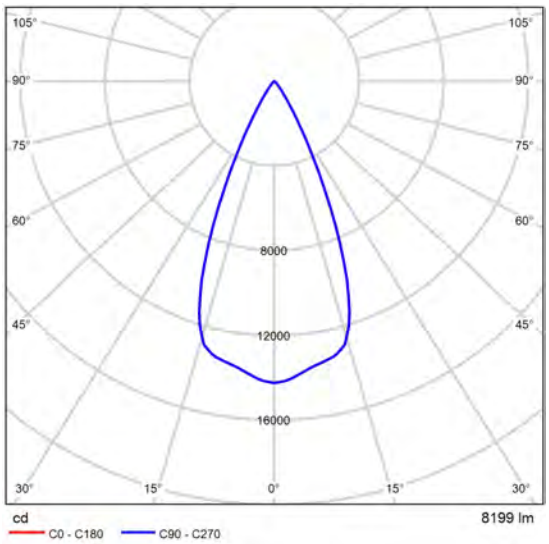
Product data sheet

ERCO - Kona Floodlight

Article No.	34648000_V05
P	109.0 W
Φ_{Lamp}	–
$\Phi_{Luminaire}$	8199 lm
η	–
Luminous efficacy	75.2 lm/W
CCT	3000 K
CRI	92



Polar LDC

Glare evaluation according to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	9.8	10.6	10.1	10.8	11.0	9.8	10.6	10.1	10.8	11.0
	3H	9.7	10.4	10.0	10.6	10.9	9.7	10.4	10.0	10.6	10.9
	4H	9.6	10.3	9.9	10.5	10.8	9.6	10.3	9.9	10.5	10.8
	6H	9.5	10.2	9.9	10.4	10.7	9.5	10.2	9.9	10.4	10.7
	8H	9.5	10.1	9.8	10.4	10.7	9.5	10.1	9.8	10.4	10.7
	12H	9.5	10.0	9.8	10.3	10.6	9.5	10.0	9.8	10.3	10.6
4H	2H	9.6	10.3	9.9	10.5	10.8	9.6	10.3	9.9	10.5	10.8
	3H	9.5	10.1	9.9	10.4	10.7	9.5	10.1	9.9	10.4	10.7
	4H	9.4	9.9	9.8	10.3	10.6	9.4	9.9	9.8	10.3	10.6
	6H	9.3	9.8	9.8	10.2	10.5	9.3	9.8	9.8	10.2	10.5
	8H	9.3	9.7	9.7	10.1	10.5	9.3	9.7	9.7	10.1	10.5
	12H	9.3	9.6	9.7	10.0	10.5	9.3	9.6	9.7	10.0	10.5
8H	4H	9.3	9.7	9.7	10.1	10.5	9.3	9.7	9.7	10.1	10.5
	6H	9.2	9.5	9.7	10.0	10.4	9.2	9.5	9.7	10.0	10.4
	8H	9.2	9.4	9.6	9.9	10.4	9.2	9.4	9.6	9.9	10.4
	12H	9.1	9.4	9.6	9.8	10.3	9.1	9.4	9.6	9.8	10.3
12H	4H	9.3	9.6	9.7	10.0	10.5	9.3	9.6	9.7	10.0	10.5
	6H	9.2	9.5	9.6	9.9	10.4	9.2	9.5	9.6	9.9	10.4
	8H	9.1	9.4	9.6	9.8	10.3	9.1	9.4	9.6	9.8	10.3
Variation of the observer position for the luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+5.4 / -7.8 +8.1 / -10.7 +10.1 / -14.3					+5.4 / -7.8 +8.1 / -10.7 +10.1 / -14.3				
Standard table		BK00					BK00				
Correction summand		-8.8					-8.8				
Corrected glare indices referring to 8199lm Total luminous flux											

UGR diagram (SHR: 0.25)

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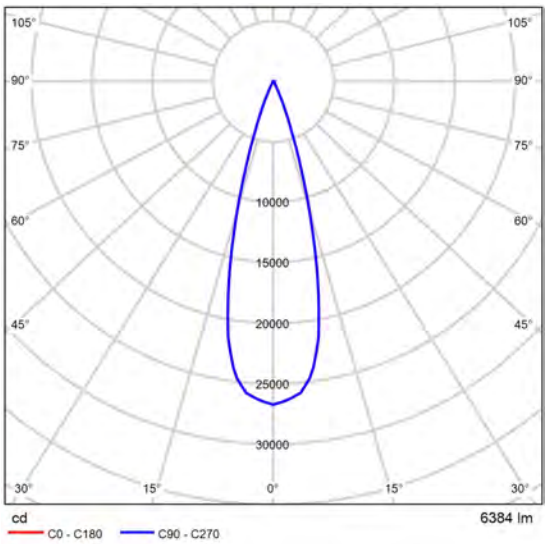
Product data sheet

ERCO - Kona Projector

Article No.	34634000_V05
P	81.0 W
Φ_{Lamp}	–
$\Phi_{Luminaire}$	6384 lm
η	–
Luminous efficacy	78.8 lm/W
CCT	3000 K
CRI	92



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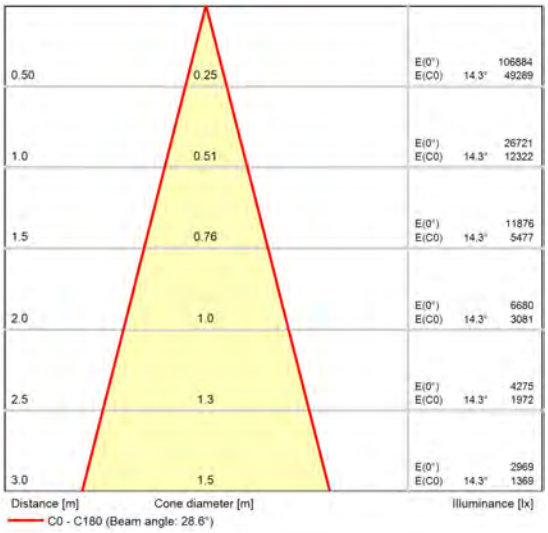


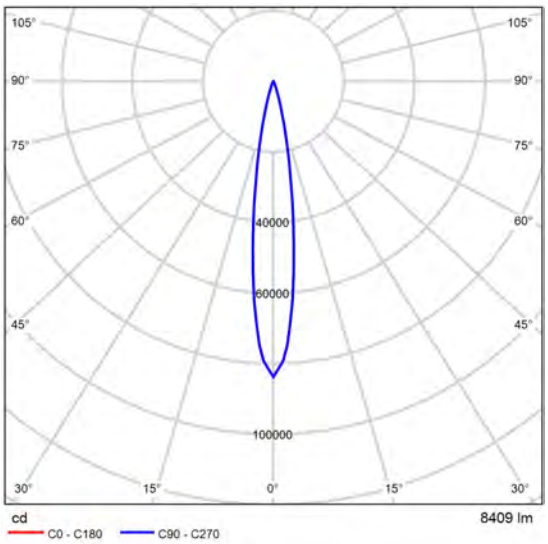
Cone diagram

DIALux

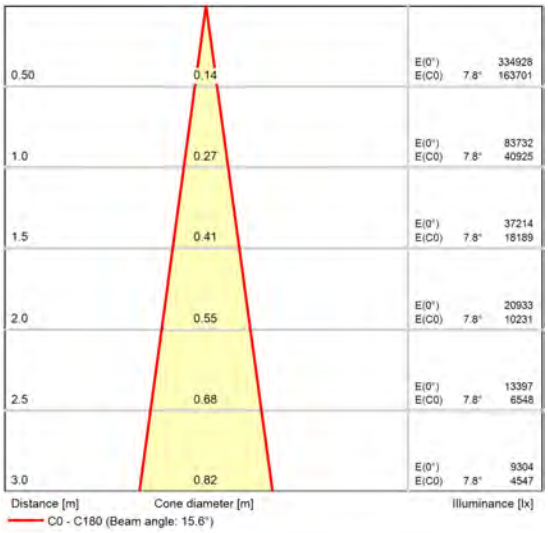
Product data sheet

ERCO - Kona Projector

Article No.	34644000_V05
P	109.0 W
Φ_{Lamp}	–
$\Phi_{Luminaire}$	8409 lm
η	–
Luminous efficacy	77.1 lm/W
CCT	3000 K
CRI	92



Polar LDC



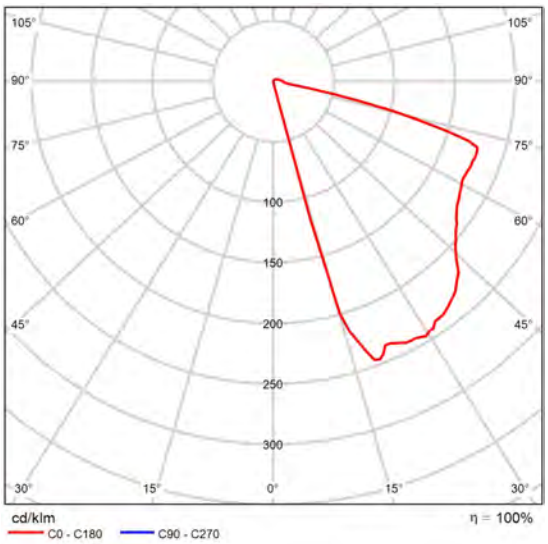
Cone diagram

DIALux

Product data sheet

L&L Luce&Light - PASITO 1.1 AH 150x90 [3000K CRI90 8W 230Vac] anthracite

P	8.0 W
Φ_{Lamp}	316 lm
$\Phi_{Luminaire}$	316 lm
η	100.00 %
Luminous efficacy	39.5 lm/W
CCT	3000 K
CRI	90



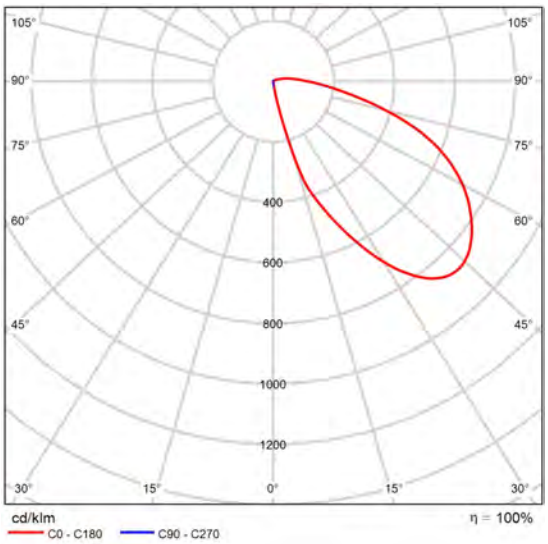
Polar LDC

DIALux

Product data sheet

L&L Luce&Light - PASITO 1.1 BH 60 [3000K CRI90 8W 230Vac] anthracite

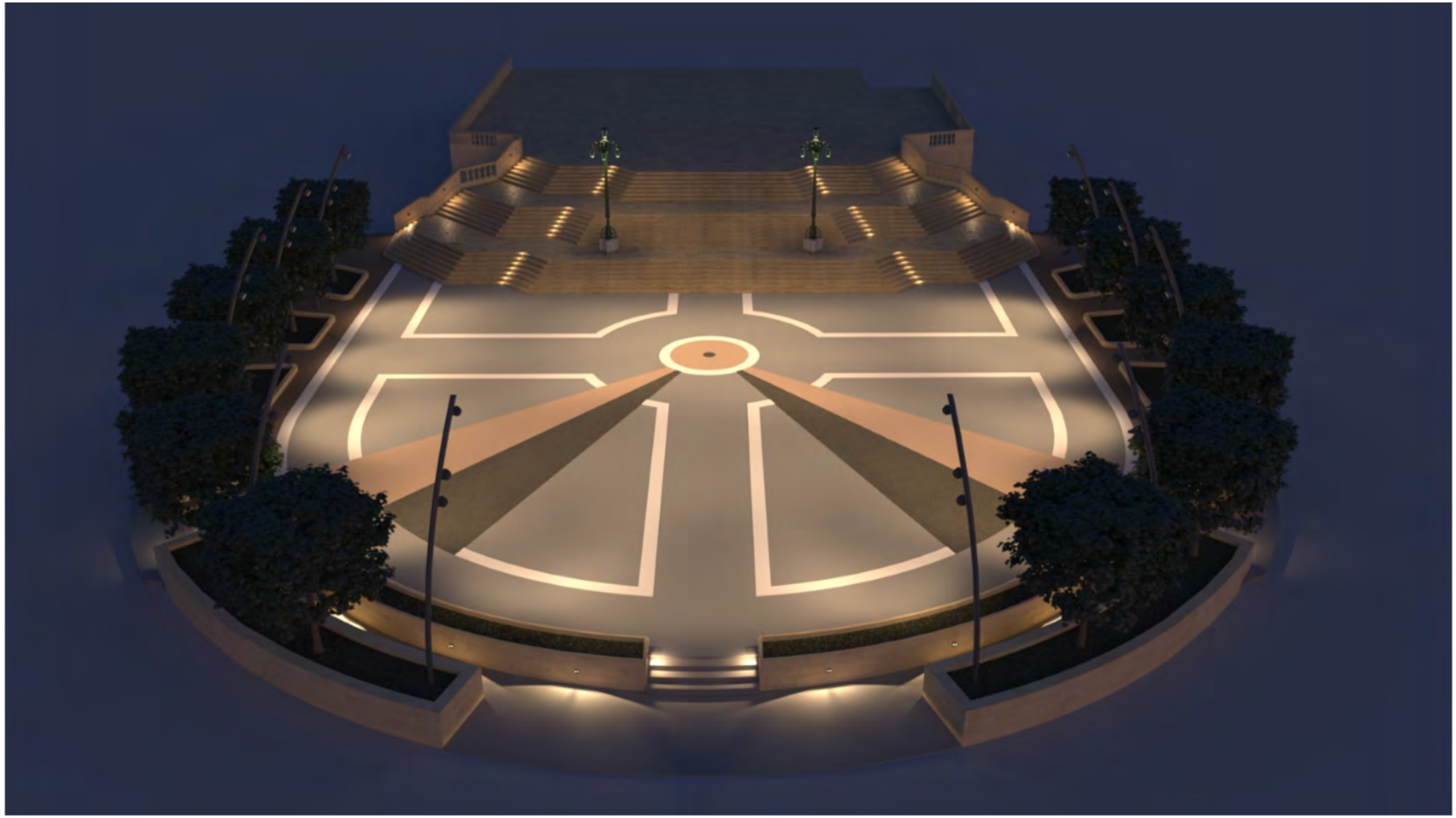
P	8.0 W
Φ_{Lamp}	219 lm
$\Phi_{Luminaire}$	219 lm
η	100.00 %
Luminous efficacy	27.4 lm/W
CCT	3000 K
CRI	90



Polar LDC

DIALux

Images



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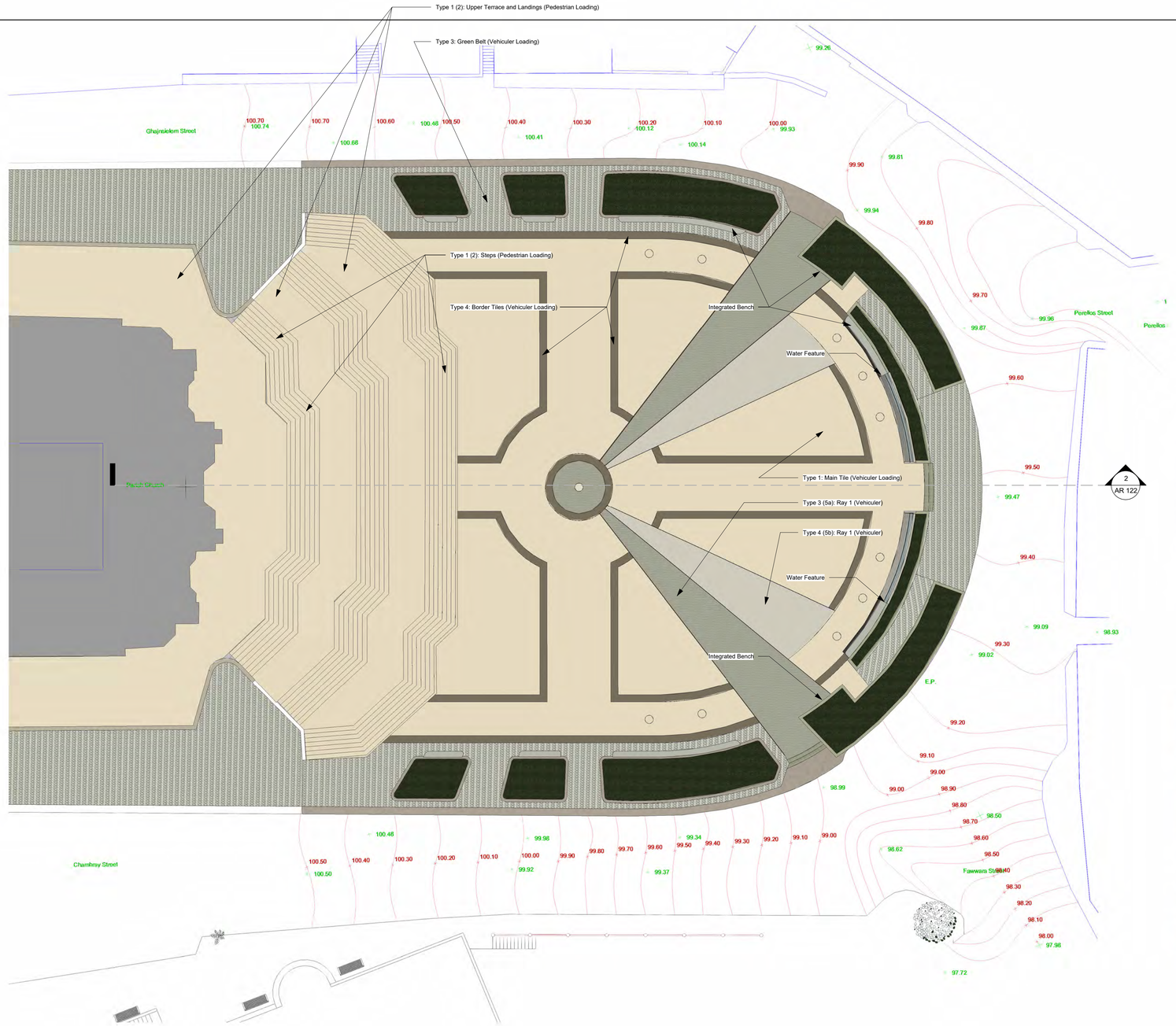
Images

DIALux

Images



1 9.75 PrvsChrchGrnd Wrkng

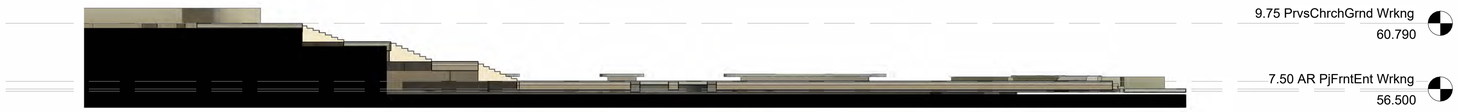
1 : 200

Paving Legend					
Type	Description	Loading	Pattern	Size	Area sq.m.
1	Main Tile	V			1,045
2a	Upper Terrace	P			850
2b	Steps	P			1,200
3	Green Belt	V			1,500
4	Border	V			164
5a	Main Ray	V			200
5b	Secondary Ray	V			120

Type 1

Type 3

Type 4



2 Section 12

1 : 200

0m 4m 8m 12m 16m 20m

VISUAL SCALE 1:200 @ A1

GODWIN SULTANA

www.godwinsultana.com

Naming Nomenclature

DM	Demolition
AP	Approved
AR	Proposed
AB	As Built
EC	Existing Condition
TS	Title Sheet
SP	Site Preperation
GR	Grading and Dimension
LP	Planting and Landscape
UT	Utility
EN	Environmental
MP	Masterplan
CC	Conventional Colors
ECD	Existing Condition & Demo
CD	Construction Drawing
ST	Structural Drawing
SA	Site Analysis

Numbering Nomenclature

000	Concept
100	Schematic
200	Planning
300	Procurement
400	Construction
500	Interior Design

Base View Nomenclature

SMT	Schematic
PA	Planning Application
CD	Construction Document
SD	Structural Document

Typ. Number Sets

EC	201-210
CC	211-220
AR	221-

Notes

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Surveys
Preliminary Surveys, as instruments of measurements have been used for the creation of these drawings. Any discrepancies and inaccuracies in drawing should be brought to the attention of the architect in charge immediatly. All dimensions and sightings shall be verified by the architect prior to construction.

Color Coding Legend

	Demolition
	Proposed
	Sanction Constructed
	Approved Not Constructed

Perit Godwin Sultana
B.Sc Arch. (Cum Laude) MSc (Bath)

30 Garden Street
Ghajnsielem, Gozo
356 99829765
356 21569330
godwin.sultana@gmail.com

Client
Godwin Sultana

Project Name
Ghajnsielem Street

Drawing Title
General Scheme

Project number
24-326

Date
April 08, 2024

Drawn by
Author

Checked by
Checker

Sheet Number
AR 122

Scale
As indicated

04/05/2025 18:36:29

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XII
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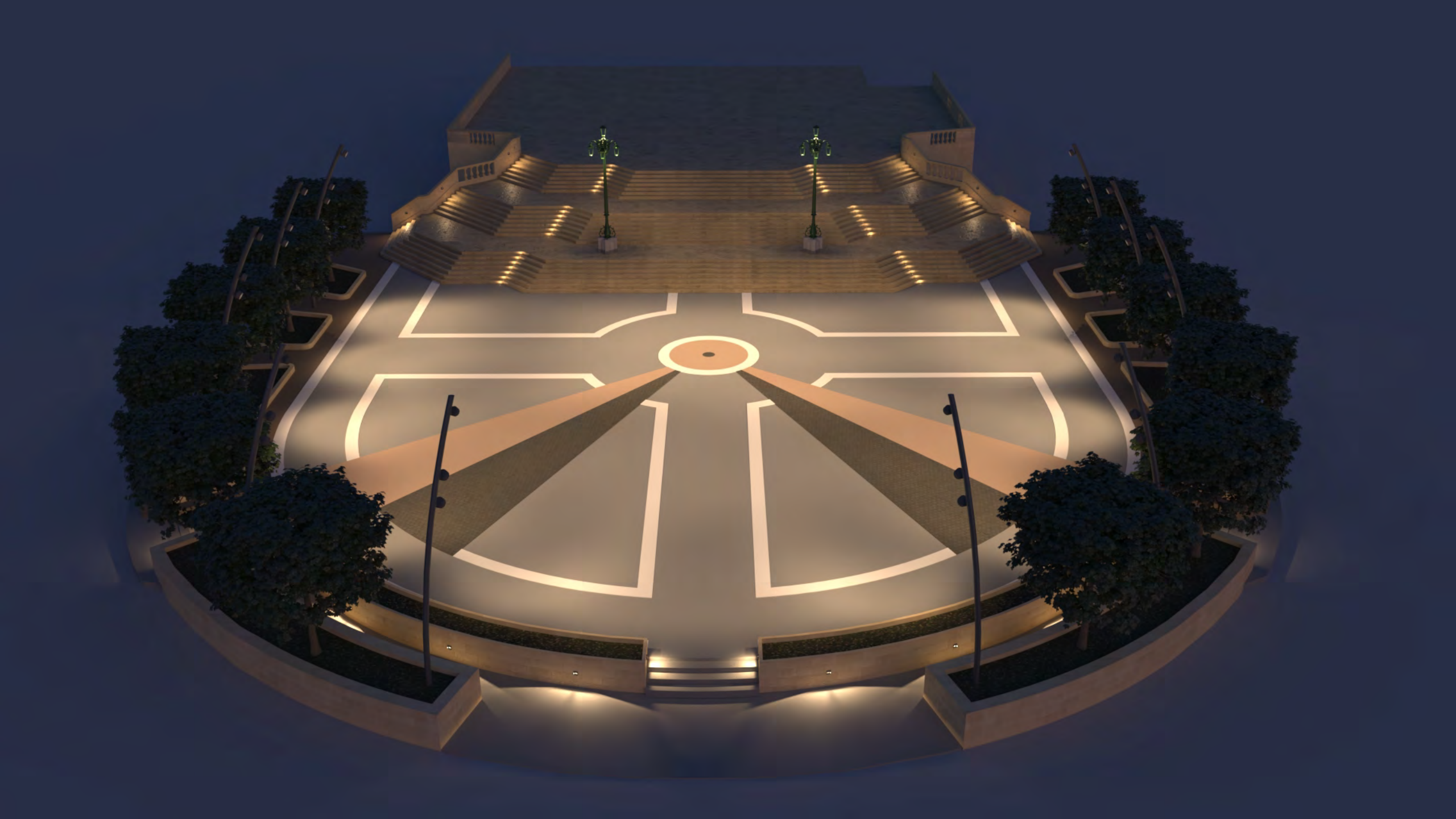

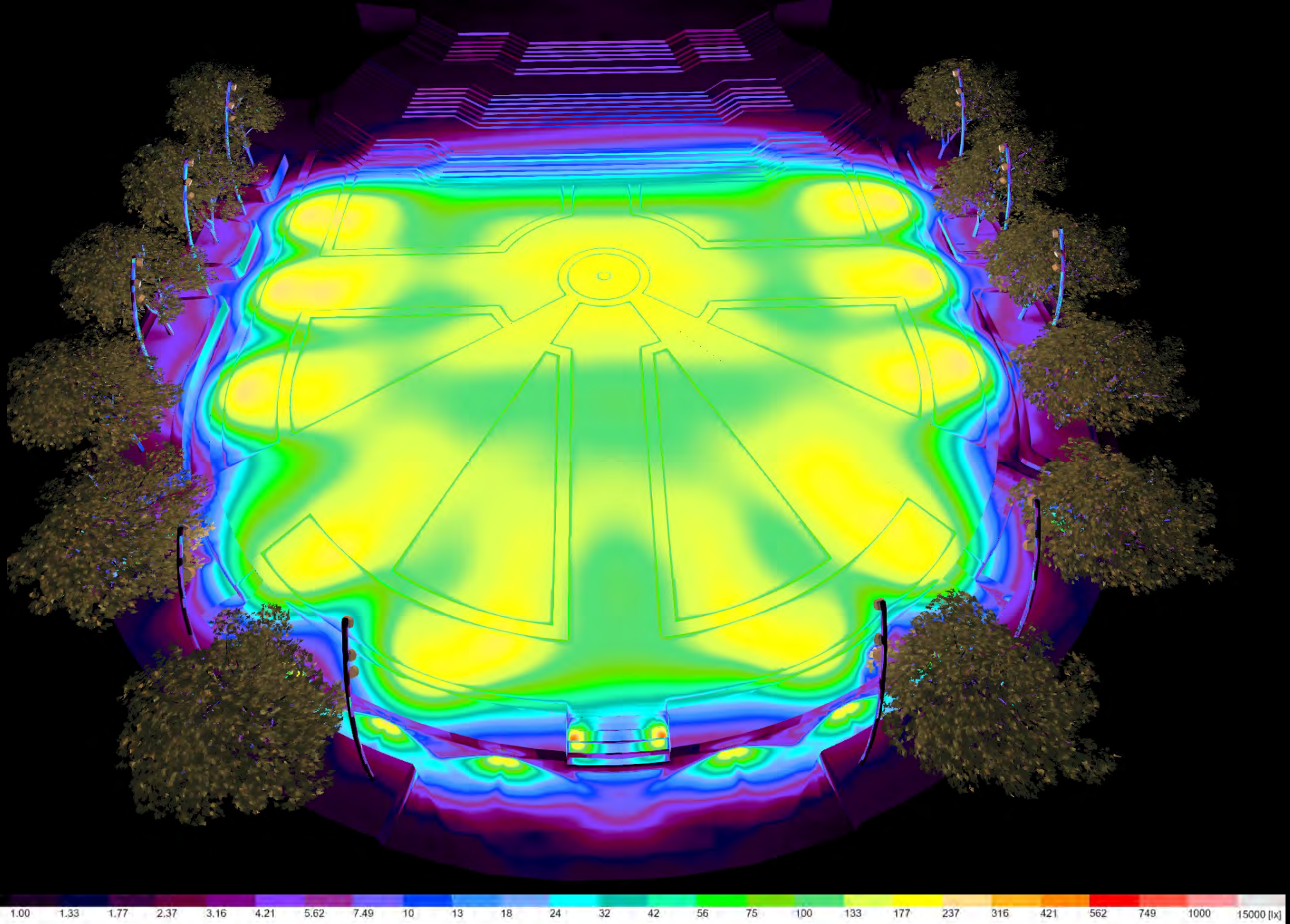
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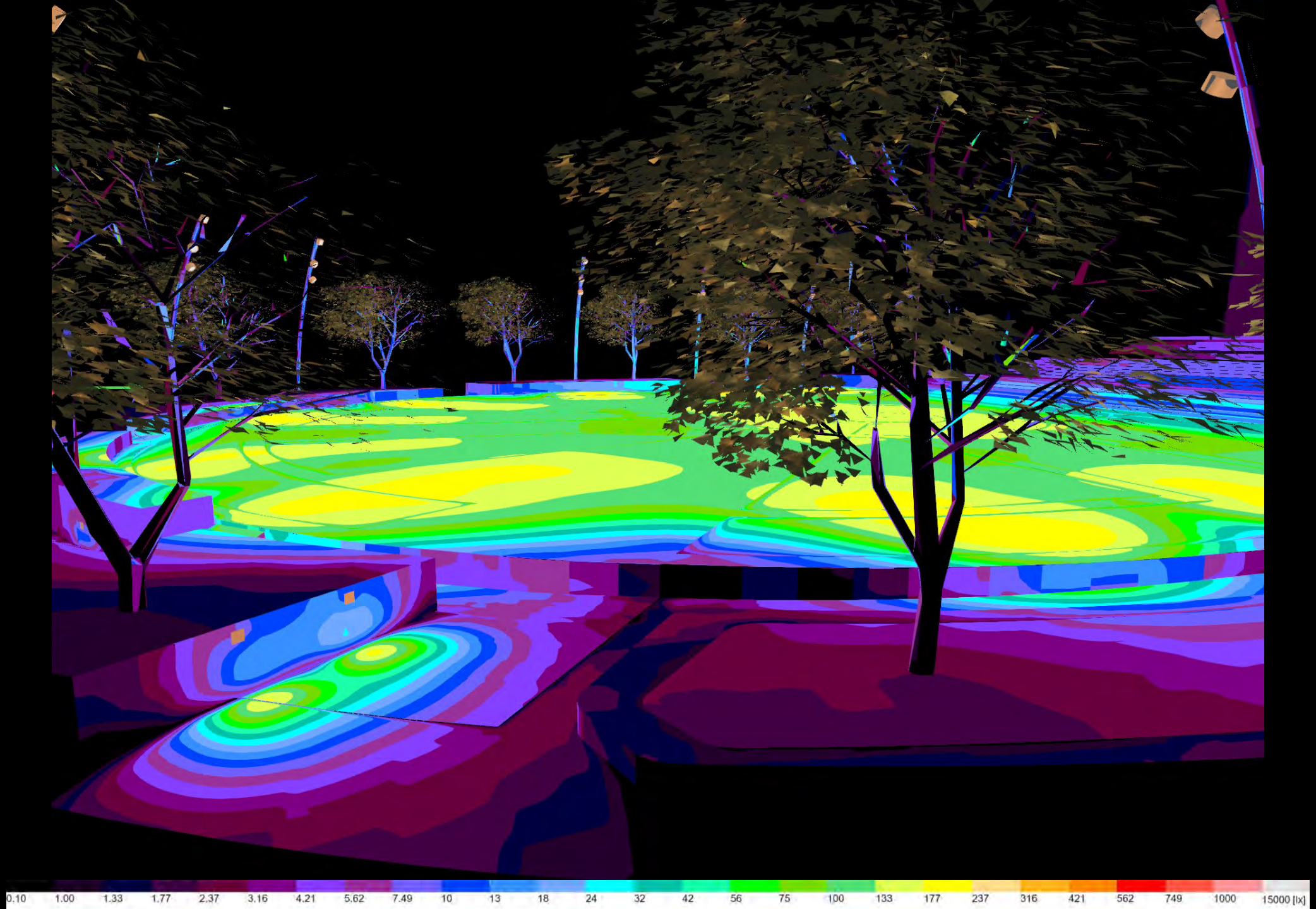
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