

Scale: 1 inch= 13.33 Ft.

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
F1-2S		2	1.000	NextGen 4 -300W-120V-T3-two shields	26758	304.7

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Object_2_Top_1	Illuminance	Fc	1.93	27.4	0.0	N.A.
Object_3_Top_1	Illuminance	Fc	7.91	27.6	1.6	17.25

SPEC SHEET & RENDERS

300W NextGen IV Series | LED SHOEBOX LIGHT

PRODUCT DESCRIPTION
The Top Rated NextGen Series Gets Better. The NextGen IV Series has 1400 Lumens per foot, bigger VFD driver and is DALI 3.1 Premium Rated! New pop open Compartment for feet scores and optional easy hold in Motion Sensor that can be programmed by a remote.

PHYSICAL SPECIFICATIONS

- Input Power (Maximum +30%)
- Color Temperature
- Color Rendering (CRI)
- Efficiency (Lumens / Watt)
- Beam Angle
- Beam Diameter
- Beam Spread
- Beam Diameter @ 100ft
- Beam Diameter @ 200ft
- Beam Diameter @ 300ft
- Beam Diameter @ 400ft
- Beam Diameter @ 500ft
- Beam Diameter @ 600ft
- Beam Diameter @ 700ft
- Beam Diameter @ 800ft
- Beam Diameter @ 900ft
- Beam Diameter @ 1000ft
- Beam Diameter @ 1100ft
- Beam Diameter @ 1200ft
- Beam Diameter @ 1300ft
- Beam Diameter @ 1400ft
- Beam Diameter @ 1500ft
- Beam Diameter @ 1600ft
- Beam Diameter @ 1700ft
- Beam Diameter @ 1800ft
- Beam Diameter @ 1900ft
- Beam Diameter @ 2000ft

PRODUCT FEATURES & COMMON USE APPLICATIONS

- Luminaires Chip, high CRI
- Input voltage 120-277VAC
- Output constant current driver can be adjusted through control cable with 0-10V
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Light is soft and uniform, safe to eyes
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Outdoor basketball court, tennis court
- Stadiums court, the football field
- The school playground, stadium
- Community leisure entertainment places, road lamp, etc.

PRODUCT DIMENSIONS

300W NextGen IV Series | LED SHOEBOX LIGHT

PHOTOMETRIC & DLC PRODUCT SPEC

Luminaire Property

Luminaire Manufacturer: **NextGen**
Voltage: 120-277 V
Power: 299.70 W
Current: 2.505 A
Power Factor: 0.999

Photometric Results

IES Classification: Type III
Total Rated Lamp Lumens: 44933.5 lm
Efficacy: 520%
Upward Ratio: 1%
Central Intensity: 9114.92 cd
Foot of Max. Intensity: 10.18 ft

Longitudinal Classification: Medium
Measurement Plus: 44933.5 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 149.98
Max. Intensity: 15197.62 cd

300W NextGen IV Series | LED SHOEBOX LIGHT

PHOTOMETRIC & DLC PRODUCT SPEC

Luminaire Property

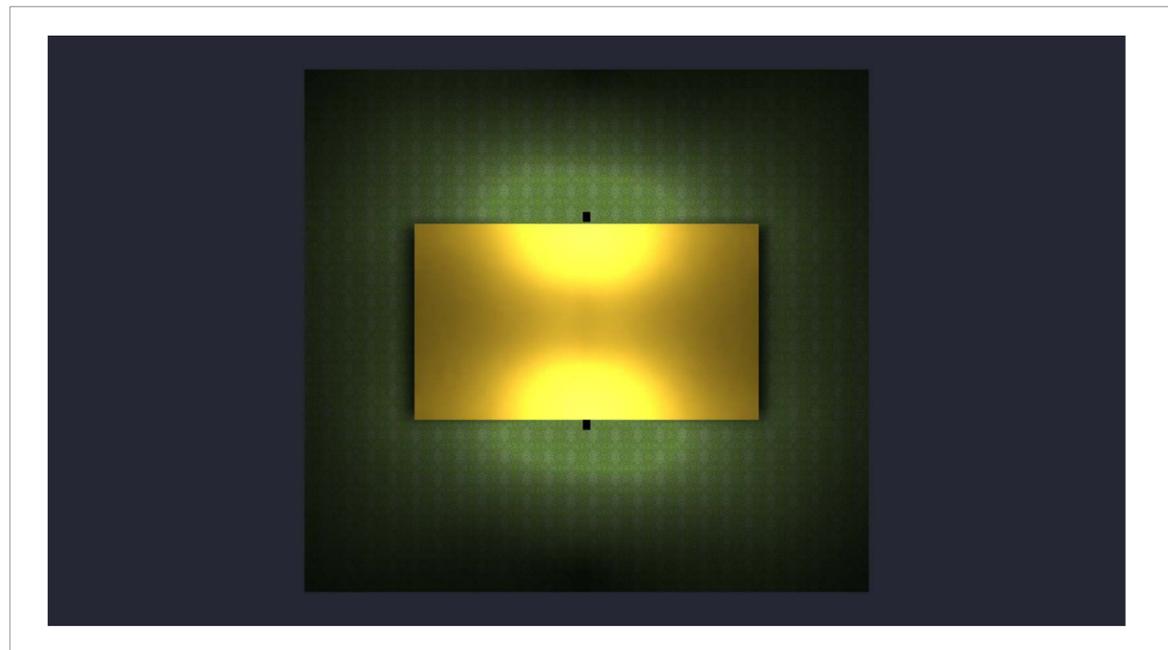
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TYPE F1



RENDERING

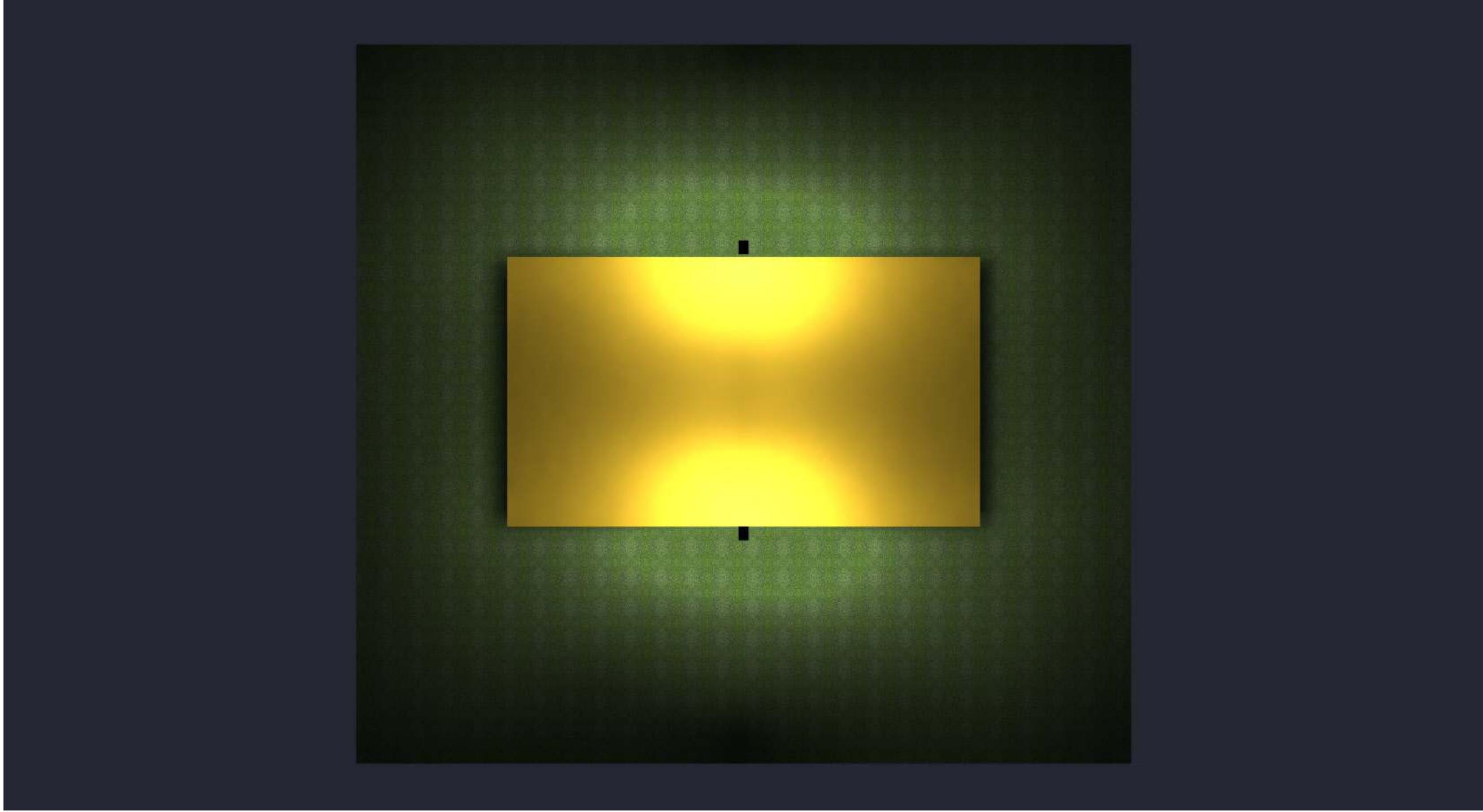
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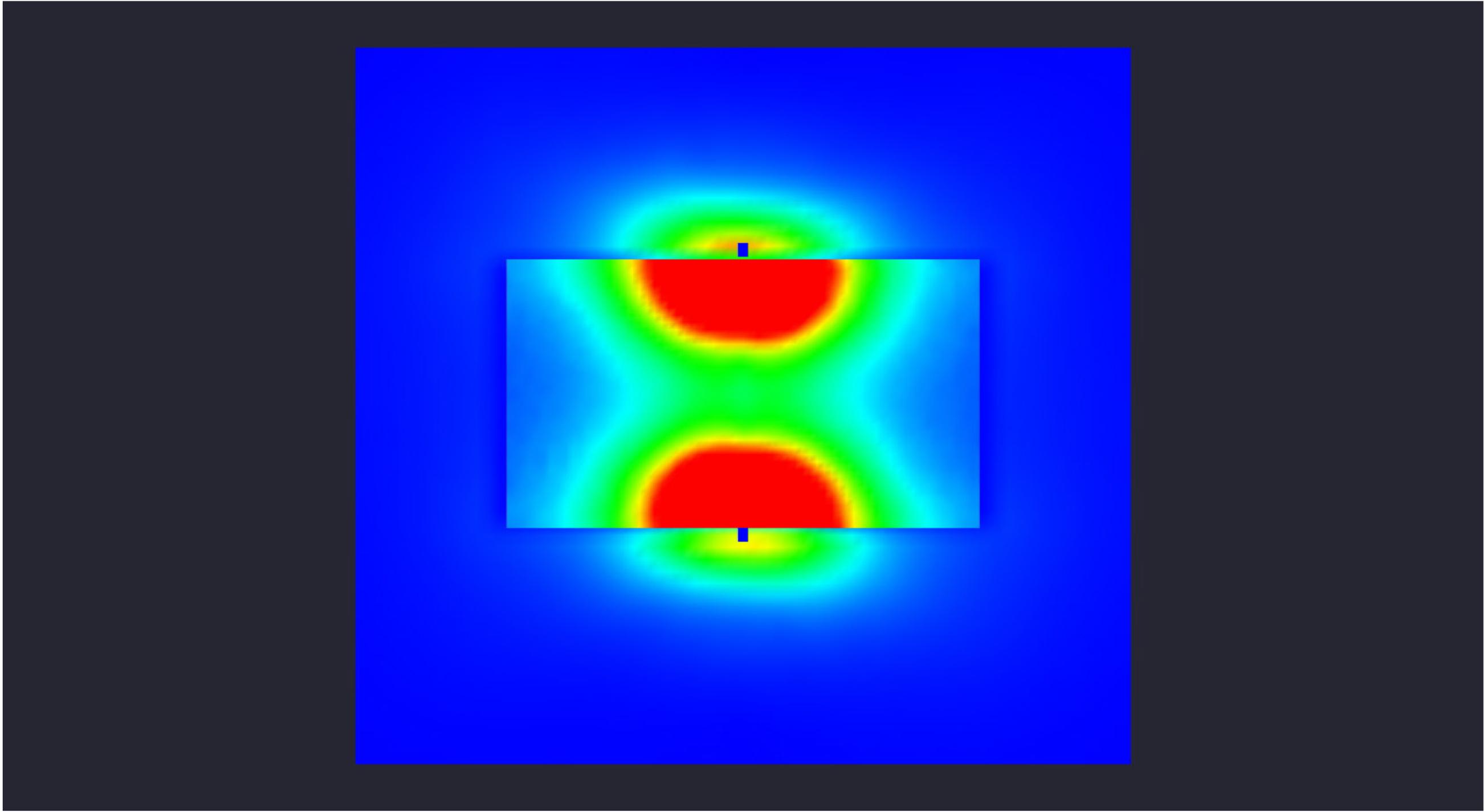


SPORTCOURT MA 44X77

Date:1/9/2026

Drawn By:

Revision #:



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