

Scale: 1 inch= 13.33 Ft.

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
F1		2	1.000	NextGen 4 300W T3	42839	297.43

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Object_2_Top_1	Illuminance	Fc	2.96	26.0	0.2	130.00
Object_3_Top_1	Illuminance	Fc	12.53	31.7	4.1	7.73

SPEC SHEET & RENDERS

300W NextGen IV Series | LED SHOEBOX LIGHT

PRODUCT DESCRIPTION
The Top Rated NextGen Series Gets Better! The NextGen IV Series has 1420 Lumens per foot, bigger SP driver and is DLC 5.1 Premium Rated! New pop open Compartment for feet access and optional easy install Motion Sensor that can be programmed by a remote.

Part #: RGL-NEXTGEN-300W

PRODUCT FEATURES & COMMON USE APPLICATIONS

- Luminaires Chip, High CRI
- Input voltage: 120-277VAC
- Output constant current driver can be adjusted through output cable with 0-100% No UV or IR in the beam.
- Energy saving, long lifespan
- Easy to install and operate
- Light is soft and uniform, safe to eyes
- Instant start, NO Flickering, NO humming
- Green and eco-friendly without mercury

PRODUCT DIMENSIONS

300W NextGen IV Series | LED SHOEBOX LIGHT

PRODUCT TECHNICAL SPECIFICATIONS

Input Power (Wattage) (100%)	300W	300W (Power Factor)	300W (Power Factor)
Color Temperature	5000K	4000K	5000K
Current (Amperage) (100%)	2.50A	2.50A	2.50A
Efficiency (Lumens / Watt)	1420lm/Watt	1420lm/Watt	1420lm/Watt
CRB	140	140	140
Color Consistency	±3 SDCM @ 2 SDCM	±3 SDCM @ 2 SDCM	±3 SDCM @ 2 SDCM
Beam Spread	120°	120°	120°
Beam Angle (90°) (Illuminance)	13370 Lux @ 1m	13370 Lux @ 1m	13370 Lux @ 1m
Beam Angle (90°) (Footcandle)	1500 FC @ 1m	1500 FC @ 1m	1500 FC @ 1m
Beam Angle (90°) (Illuminance)	13370 Lux @ 1m	13370 Lux @ 1m	13370 Lux @ 1m
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PRODUCT MOUNTS & ACCESSORIES

300W NextGen IV Series | LED SHOEBOX LIGHT

PHOTOMETRIC & DLC PRODUCT SPEC

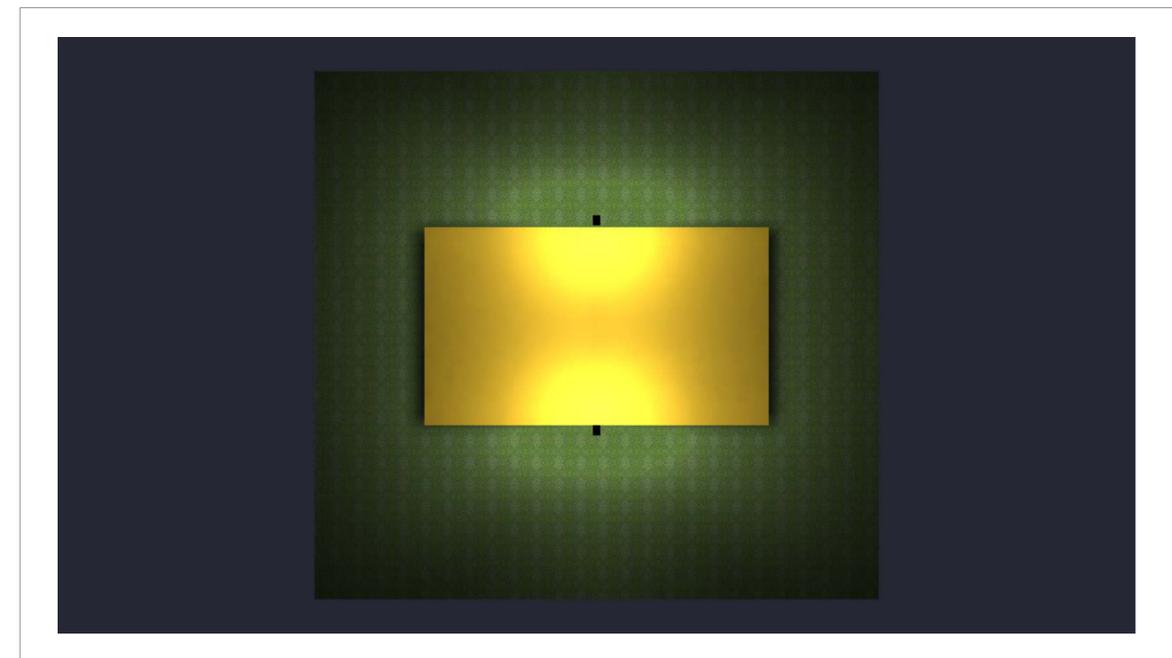
Luminaire Property
Luminaire Manufacturer: ToppoLED
Voltage: 120-277V
Power: 297.43 W
Current: 2.50 A
Power Factor: 0.999

Photometric Results
IES Classification: Type III
Total Rated Lamp Lumens: 44933.5 lm
Efficacy: 1420 lm/W
Upward Ratio: 1%
Central Intensity: 1514.92 cd
Foot of Max. Intensity: 140.168

Luminaire Intensity Distribution Curve

The Average Illuminance Effective Figure

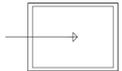
TYPE F1



RENDERING

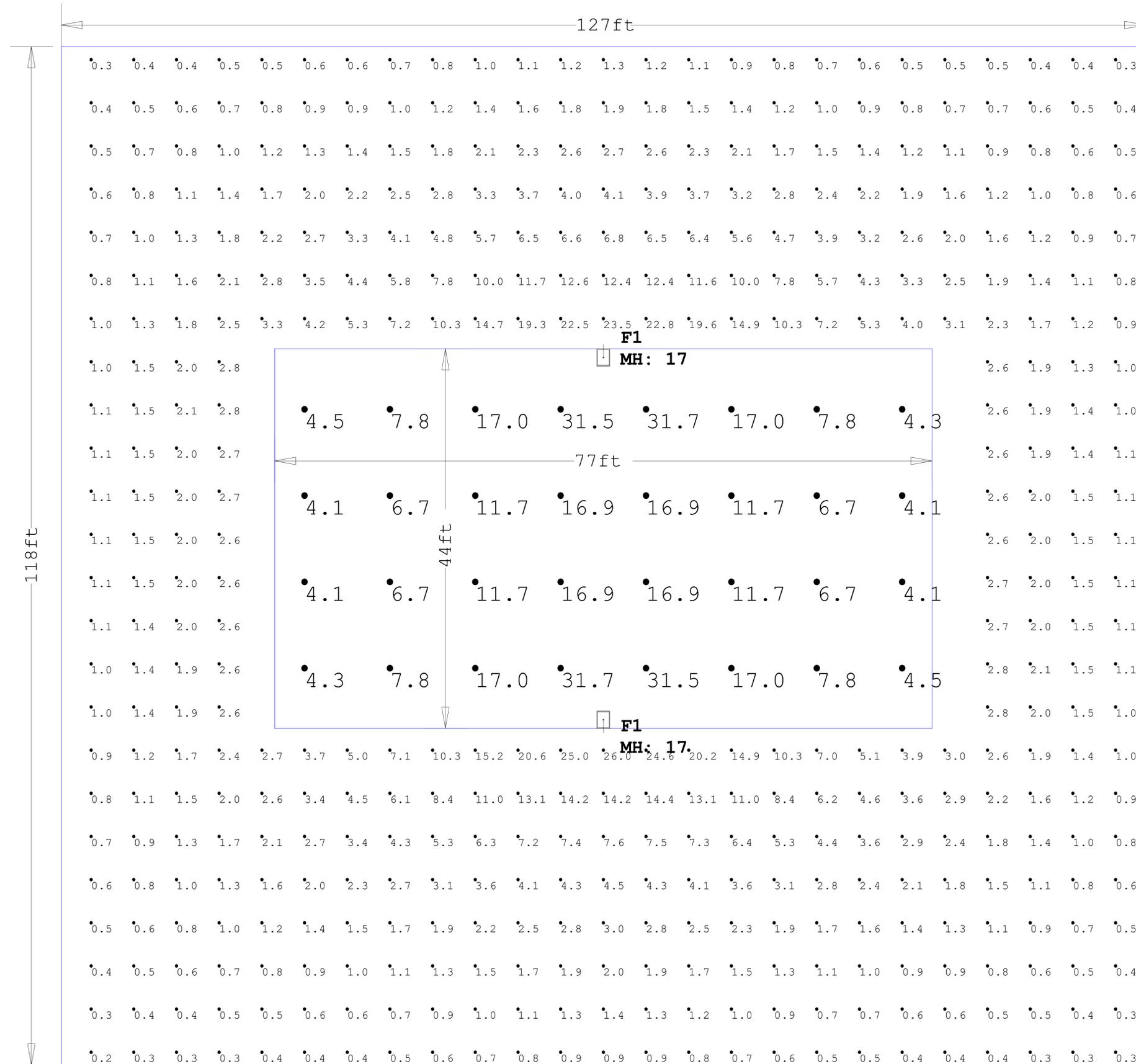
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Luminaire Schedule

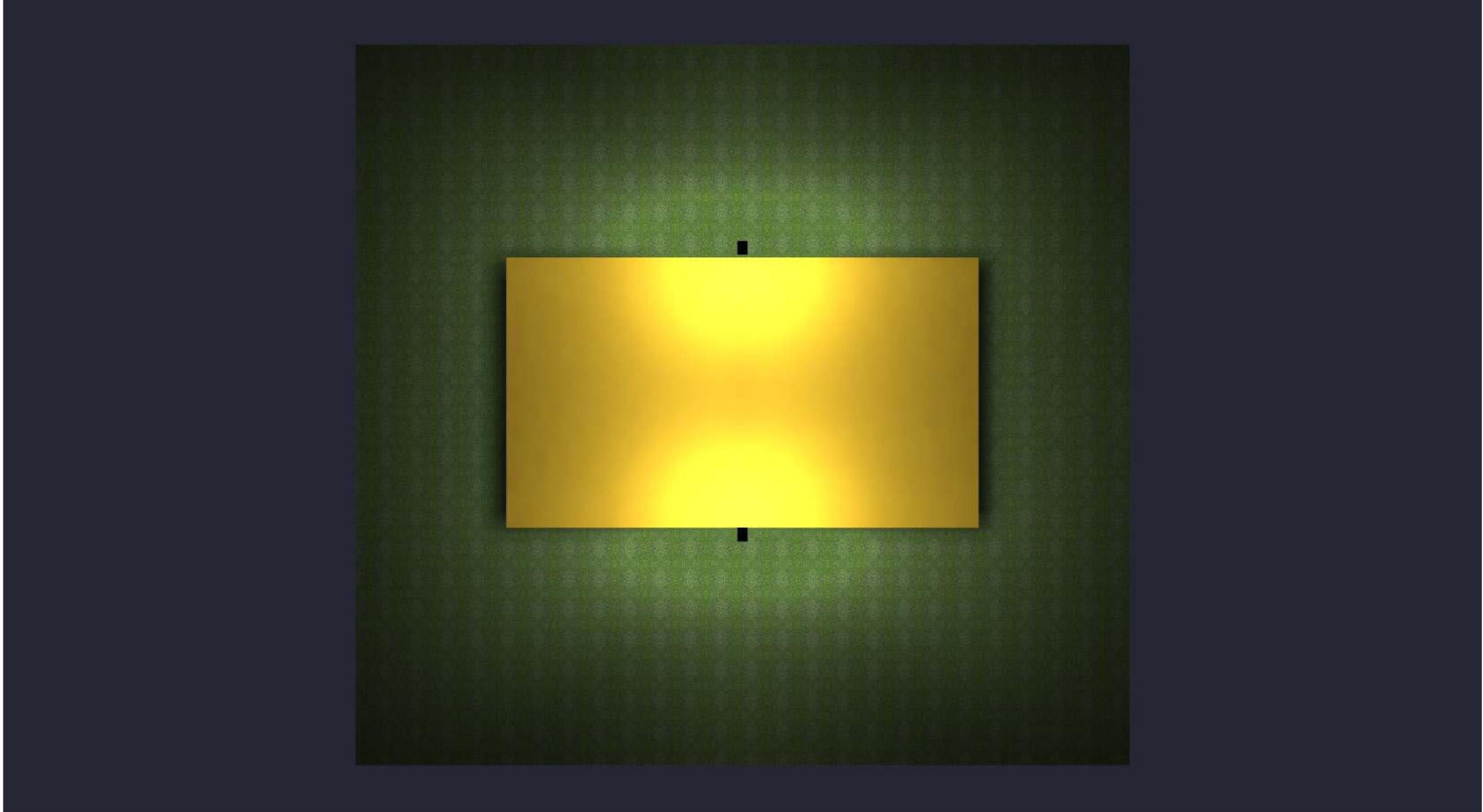
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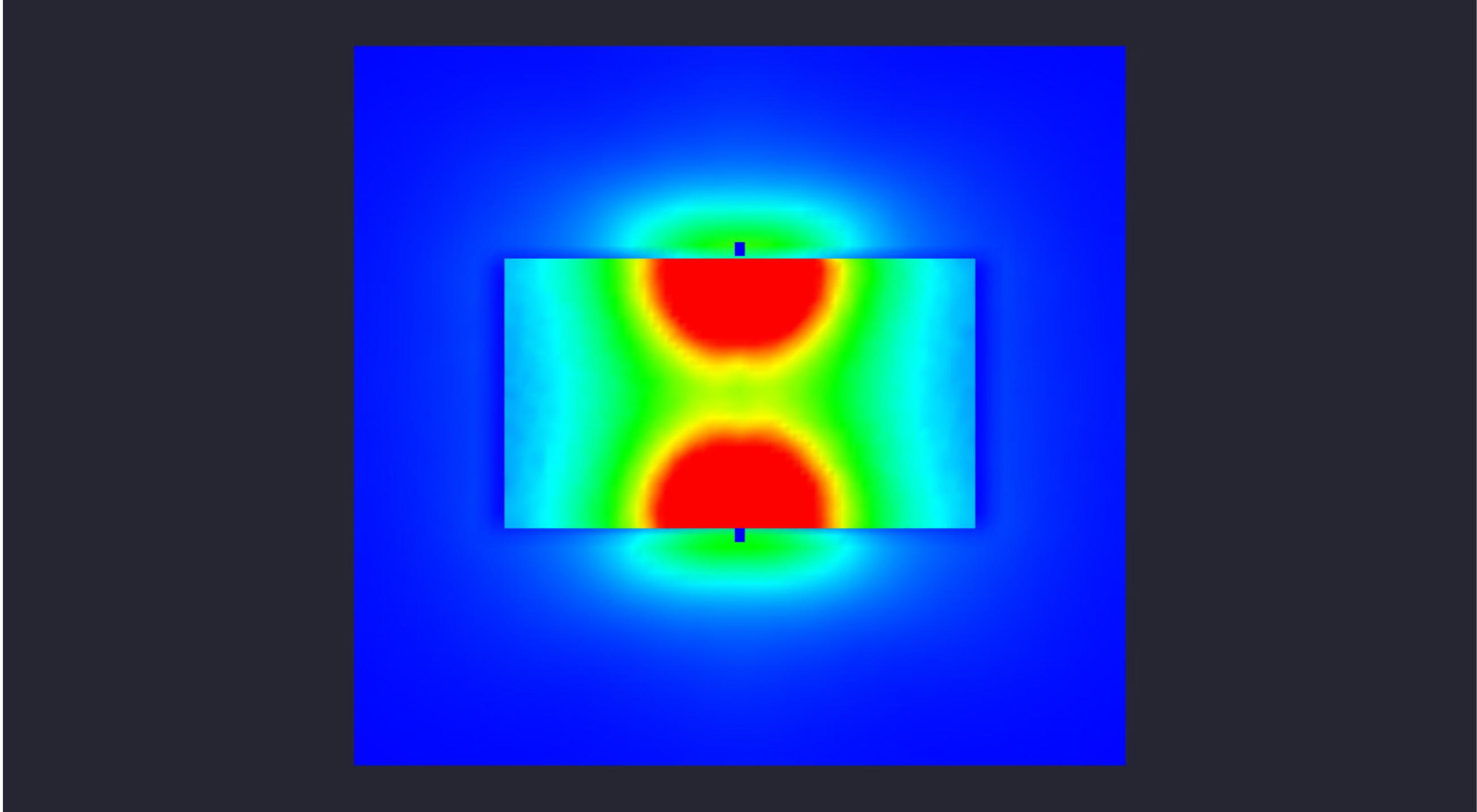
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