

## **BEAM LED** ceiling baffle

Designed to Shine

See your space in a whole new light with Beam LED, offering the same acoustic performance of Beam, but with integrated lighting to help good design shine.



**PATENT PENDING**

# LIGHT SPECS

## PRODUCT

Beam LED ceiling baffle

## CONTENT

Polyester (PET) felt  
60% pre-consumer recycled

## SIZING

Custom is TURF's standard. Everything is made to order and can be adapted to fit unique spaces. The overall baffle can be customized to any length while the integrated LED fixture comes in 1' increments.

## LEAD TIME

Ships between six to eight (6-8) weeks.

# DEPTH

## STANDARD DEPTH

8" D

Custom depths available upon request.

# THICKNESS

## FELT THICKNESS

9 mm

## BAFFLE THICKNESS

3"

# CONNECTIONS

Connection spacing is always equal to fixture length (FL).

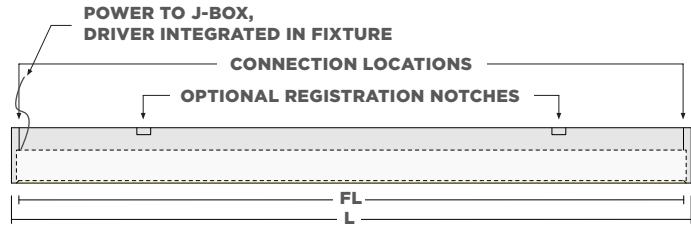
## AVAILABLE CONNECTIONS

- Cable to Deck
- Cable to Unistrut
- Cable to Grid
- All Thread to Deck
- All Thread to Unistrut

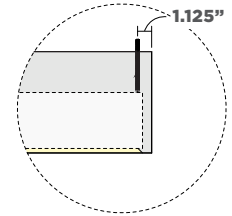
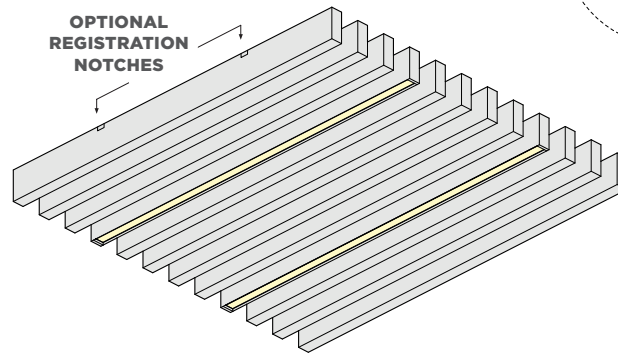
## SIDE SECTION



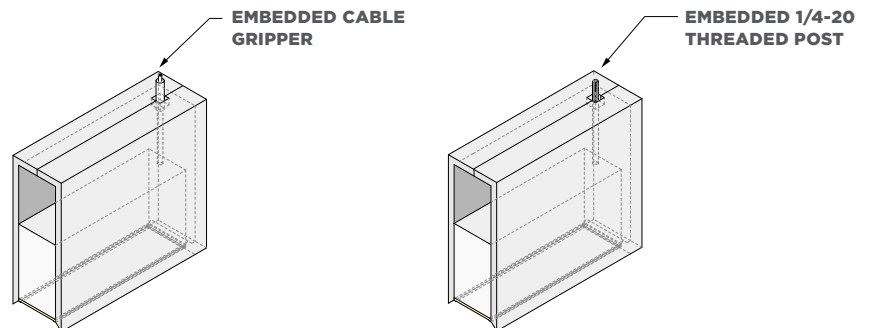
## FRONT SECTION



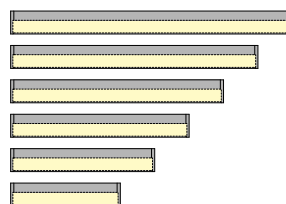
## BEAM + BEAM LED SYSTEM



## CONNECTION TYPES



## STANDARD PRODUCT SIZES AND DETAILS



| BAFFLE LENGTH | FIXTURE LENGTH/<br>CONNECTION SPACING |
|---------------|---------------------------------------|
| 98.25"        | 96"                                   |
| 86.25"        | 84"                                   |
| 74.25"        | 72"                                   |
| 62.25"        | 60"                                   |
| 50.25"        | 48"                                   |
| 38.25"        | 36"                                   |



# ORDER GUIDE

## PRODUCT

Beam LED ceiling baffle

## CONTENT

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60% pre-consumer recycled

## SIZING

Custom is TURF's standard. Everything is made to order and can be adapted to fit unique spaces. The overall baffle can be customized to any length while the integrated LED fixture comes in 1' increments.

## APPROVALS

UL/cUL Listed

## LUMEN OUTPUT

350-1000

## OPTICS

Snap-in Acrylic Lens for soft, diffused direct lighting

## DIMMING

0-10V dimming to <1%

## CRI

90+

## BATTERY

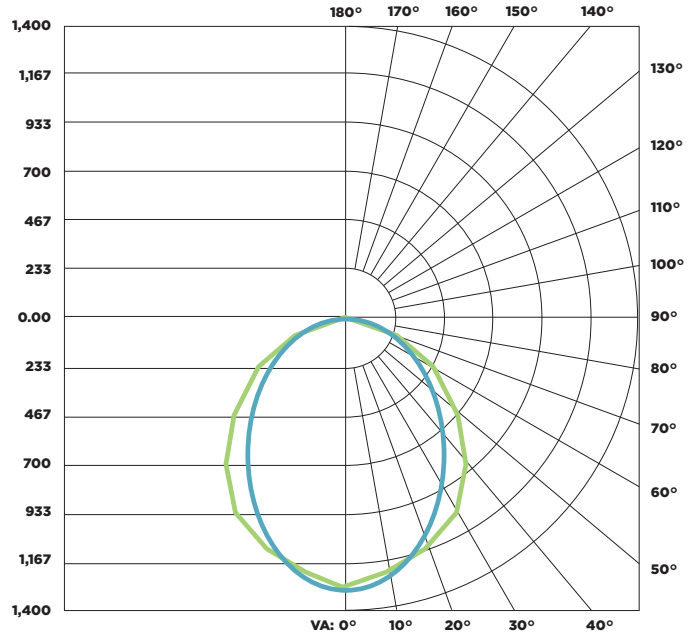
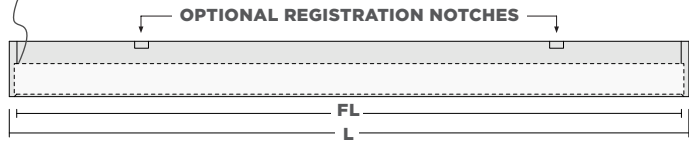
Optional 12-watt emergency battery

## SIDE SECTION



## FRONT SECTION

POWER TO J-BOX,  
DRIVER INTEGRATED IN FIXTURE



— - 0° H    — - 90° H

| FIXTURE SERIES | DIRECT OUTPUT (LUMENS / WATT) |             |         | FIXTURE LENGTH | COLOR TEMP |
|----------------|-------------------------------|-------------|---------|----------------|------------|
|                | OUTPUT                        | SYSTEM WATT | lm/W    |                |            |
| Beam LED       | 350                           | 350 Lm/ft   | 13.69 W | 3 3 ft.        | 30 3000K   |
|                | 500                           | 500 Lm/ft   | 18.45 W | 4 4 ft.        | 35 3500K   |
|                | 750                           | 750 Lm/ft   | 28.32 W | 5 5 ft.        | 40 4000K   |
|                | 1000                          | 1000 Lm/ft  | 38.43 W | 6 6 ft.        | 50 5000K   |
|                |                               |             |         | 7 7 ft.        |            |
|                |                               |             |         | 8 8 ft.        |            |

| CRI       | VOLTAGE      | CONTROLS   | OPTIONS  |
|-----------|--------------|--|--|
| 9 90+ CRI | UNV 120-277v | <b>BLANK</b> None<br><b>DAY</b> Daylight<br><b>OCC</b> Occupancy | <b>BLANK</b> None<br><b>EB</b> Emergency Battery<br><b>EC</b> Emergency Circuit<br><b>EH</b> Emergency Through Harness<br><b>EPC</b> Emergency Power Feed Cord<br><b>BC</b> Black Power Cord |



# ORDER FORM

**NOTES:**

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| FIXTURE ID | DIRECT OUTPUT                                   | FIXTURE LENGTH                          | COLOR TEMP                               |
|------------|---|---|--|
| Beam LED   | <input type="checkbox"/> <b>350</b> 350 Lm/ft   | <input type="checkbox"/> <b>3</b> 3 ft. | <input type="checkbox"/> <b>30</b> 3000K |
|            | <input type="checkbox"/> <b>500</b> 500 Lm/ft   | <input type="checkbox"/> <b>4</b> 4 ft. | <input type="checkbox"/> <b>35</b> 3500K |
|            | <input type="checkbox"/> <b>750</b> 750 Lm/ft   | <input type="checkbox"/> <b>5</b> 5 ft. | <input type="checkbox"/> <b>40</b> 4000K |
|            | <input type="checkbox"/> <b>1000</b> 1000 Lm/ft | <input type="checkbox"/> <b>6</b> 6 ft. | <input type="checkbox"/> <b>50</b> 5000K |
|            |   | <input type="checkbox"/> <b>7</b> 7 ft. |  |
|            |   | <input type="checkbox"/> <b>8</b> 8 ft. |  |

| CONTROLS                                      |  | EMERGENCY OPTIONS   |  |
|---|--|---|--|
| <input type="checkbox"/> <b>BLANK</b> None    |  | <input type="checkbox"/> <b>BLANK</b> None                      |  |
| <input type="checkbox"/> <b>DAY</b> Daylight  |  | <input type="checkbox"/> <b>EB</b> Emergency Battery            |  |
| <input type="checkbox"/> <b>OCC</b> Occupancy |  | <input type="checkbox"/> <b>EC</b> Emergency Circuit            |  |
|   |  | <input type="checkbox"/> <b>EH</b> Emergency Through Harness    |  |
|   |  | <input type="checkbox"/> <b>EPC*</b> Emergency Power Feed Cord* |  |
| *Emergency options are an additional cost     |  |   |  |
| <b>VOLTAGE</b> UNV 120v-277v                  |  | <b>OPTIONS</b>  |  |
| <b>CRI</b> 90+                                |  | <input type="checkbox"/> <b>BC</b> Black Power Cord             |  |
| <b>DIMMING</b> 0-10V dimming to <1%           |  |   |  |

**SIGNATURE:**

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**DATE:**

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Ships 6-8 weeks after signed approval and completed order form.

| BAFFLE COLOR                                   |   |  | BAFFLE TEXTURE   |
|--|---|--|--|
| <input type="checkbox"/> <b>01</b> Cream       | <input type="checkbox"/> <b>06</b> Charcoal   | <input type="checkbox"/> <b>50</b> Ivory     | <input type="checkbox"/> <b>D01</b> White Ash<br><input type="checkbox"/> <b>D02</b> Silver Teak<br><input type="checkbox"/> <b>D03</b> Clear Maple<br><input type="checkbox"/> <b>D04</b> Washed Ash<br><input type="checkbox"/> <b>D05</b> Medium Oak<br><input type="checkbox"/> <b>D06</b> Planked Oak<br><input type="checkbox"/> <b>D07</b> Dark Walnut<br><input type="checkbox"/> <b>D08</b> Black Pear<br><br><i>Additional cost for textures</i> |
| <input type="checkbox"/> <b>05</b> White       | <input type="checkbox"/> <b>14</b> Green      | <input type="checkbox"/> <b>78</b> Wheat     |  |
| <input type="checkbox"/> <b>07</b> Black       | <input type="checkbox"/> <b>20</b> Mango      | <input type="checkbox"/> <b>82</b> Barley    |  |
| <input type="checkbox"/> <b>16</b> Red         | <input type="checkbox"/> <b>29</b> Dark Blue  | <input type="checkbox"/> <b>54</b> Latte     |  |
| <input type="checkbox"/> <b>25</b> Light Blue  | <input type="checkbox"/> <b>38</b> Matte Grey | <input type="checkbox"/> <b>94</b> Coral     |  |
| <input type="checkbox"/> <b>32</b> Brown       | <input type="checkbox"/> <b>42</b> Orange     | <input type="checkbox"/> <b>58</b> Raspberry |  |
| <input type="checkbox"/> <b>39</b> Lavender    | <input type="checkbox"/> <b>47</b> Lime       | <input type="checkbox"/> <b>62</b> Sunflower |  |
| <input type="checkbox"/> <b>45</b> Yellow      | <input type="checkbox"/> <b>86</b> Slate      | <input type="checkbox"/> <b>70</b> Aqua      |  |
| <input type="checkbox"/> <b>48</b> Light Brown | <input type="checkbox"/> <b>98</b> Storm      | <input type="checkbox"/> <b>90</b> Sky       |  |
| <input type="checkbox"/> <b>04</b> Light Grey  | <input type="checkbox"/> <b>66</b> Pewter     | <input type="checkbox"/> <b>74</b> Denim     |  |

| CONNECTION TYPE                                 |
|---|
| <input type="checkbox"/> Cable to Deck          |
| <input type="checkbox"/> Cable to Unistrut      |
| <input type="checkbox"/> Cable to T-grid        |
| <input type="checkbox"/> All Thread to Deck     |
| <input type="checkbox"/> All Thread to Unistrut |



# 9MM FELT

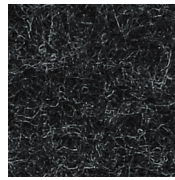
This product is made with 9 mm PET felt board. The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

Felt thickness is 9 mm +/- 0.5 mm.

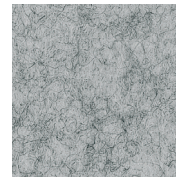
**Monitors and printers vary. Please request a material sample to verify felt colors.**



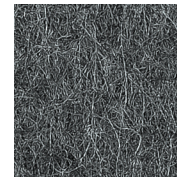
07 BLACK



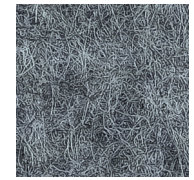
06 CHARCOAL



38 MATTE GREY



86 SLATE



98 STORM



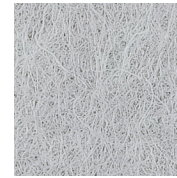
01 CREAM



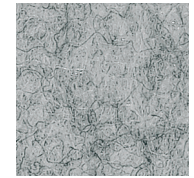
50 IVORY



05 WHITE



66 PEWTER



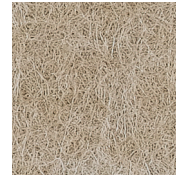
04 LIGHT GREY



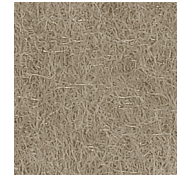
78 WHEAT



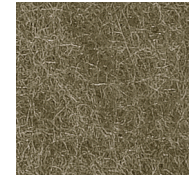
82 BARLEY



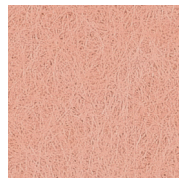
54 LATTE



48 LIGHT BROWN



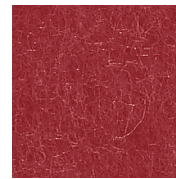
32 BROWN



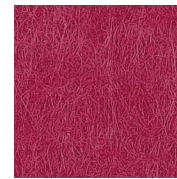
94 CORAL



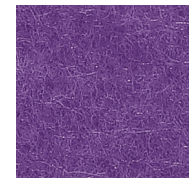
42 ORANGE



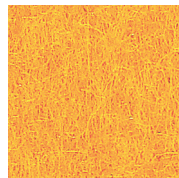
16 RED



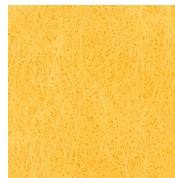
58 RASPBERRY



39 LAVENDER



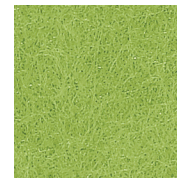
20 MANGO



62 SUNFLOWER



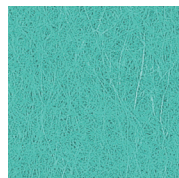
45 YELLOW



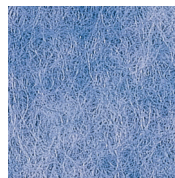
47 LIME



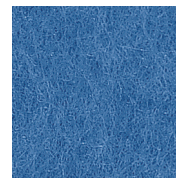
14 GREEN



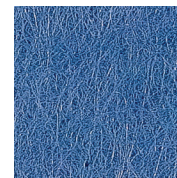
70 AQUA



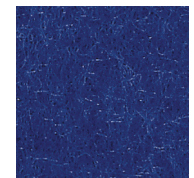
90 SKY



25 LIGHT BLUE



74 DENIM



29 DARK BLUE

# TEXTURES

Invite nature into your space with our wood-inspired textures. Digital printing on felt ensures a unique and realistic grain with virtually no repeats.

**\* There is an additional product cost for Wood Textures.**

# CUSTOM

Endless customization options are available, including color and grain matching to your sample.

**\* Please note there is additional lead time for custom matching. Texture and customization will incur additional costs beyond our standard 9 mm options.**

Felt thickness is 9 mm +/- 0.5 mm.

**Monitors and printers vary. Please request a material sample to verify felt colors.**



D01 WHITE ASH



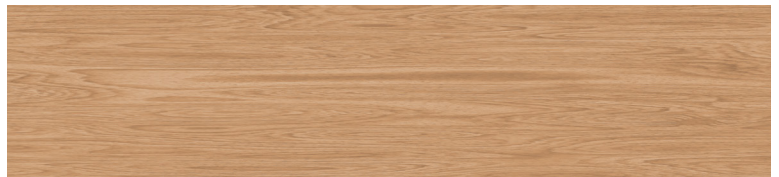
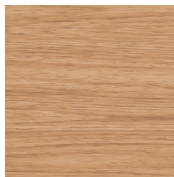
D02 SILVER TEAK



D03 CLEAR MAPLE



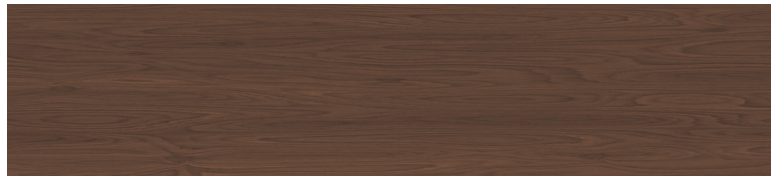
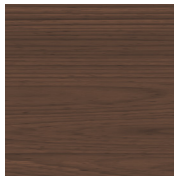
D04 WASHED ASH



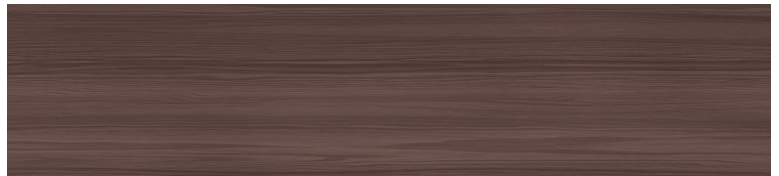
D05 MEDIUM OAK



D06 PLANKED OAK



D07 DARK WALNUT



D08 BLACK PEAR

# TECH

## ACOUSTICS

ASTM C423-17: Type J Mounting

## FIRE RATING

ASTM E-84 - Class A

## VOC

ASTM D5116 Compliant

## APPROVALS

UL/cUL

# DETAILS

## DURABILITY

Contract

## LEAD TIME

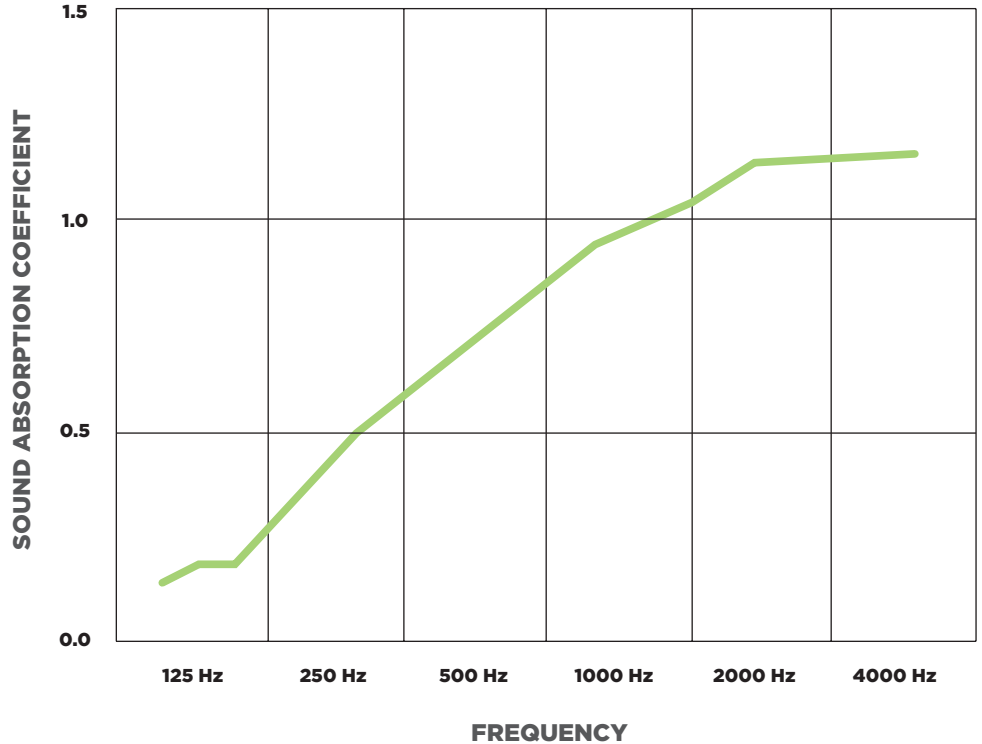
LED baffle ships in six to eight (6-8) weeks.

## WARRANTY

Three (3) years

## MAINTENANCE

Vacuum to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Contact us for more information relative to spot cleaning.



**NRC = 1.45**

ASTM C 423-17: Type J Mounting - The specimen is an array of 8 spaced sound absorbing baffles suspended from cables such that the closest face of the baffles is located approximately 1295.4 mm (51 in.) from the horizontal test surface. This approximates the mounting method of a typical ceiling baffle installation. The baffles were evenly distributed in a single row, spaced 304.8 mm (12 in.) apart.

The array was configured such that the baffles with light fixtures were each neighbored by two baffles without light fixtures on both sides.

## TURF 9mm PET Acoustic Panel

### Turf Design

**Final Assembly:** Elgin, Illinois, USA  
**Life Expectancy:** 50 Year(s)  
**End of Life Options:** Salvageable/Reusable in its Entirety, Recyclable (100%)

**Ingredients:**  
 Polyethylene terephthalate; PET; Antioxidant 1076; Benzenamine, 4-(1-methyl-1-phenylethyl)-; Benzene propanoic acid, 3,5-bis(1-(1-dimethylethyl)-4-hydroxy)octadecyl ester; Octadecanamide, NN-12-ethanediybis; Stearic Acid; Titanium dioxide

**Living Building Challenge Criteria:** Compliant

**I-13 Red List:**  
 LBC Red List Free % Disclosed: 100% at 100ppm  
 LBC Red List Approved VOC Content: Not Applicable  
 Declared

**I-10 Interior Performance:** CDPH Standard Method v11-2010  
**I-14 Responsible Sourcing:** Not Applicable

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 Original Issue Date: 2019

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