

Slate 3

FOR TURF ACOUSTIC CEILINGS



Project _____

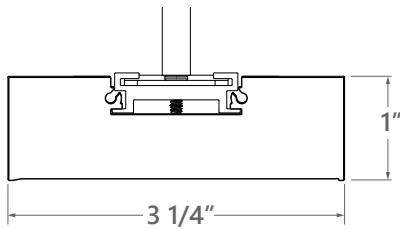
Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K (4FT)

NOMINAL LUMEN OUTPUT	TOTAL LUMENS	INPUT WATTS	EFFICACY
450 lm/ft	1800 lm	13.9 W	129 lm/W
600 lm/ft	2400 lm	18.7 W	128 lm/W
800 lm/ft	3200 lm	25.2 W	127 lm/W

*IES files available at axislighting.com



TURF



Ordering Guide

SL3				SO
PRODUCT ID	NOM.LUMENS/FT	CRI	COLOR TEMP.	SHIELDING
SL3 Slate 3 Wood Ceilings	450 450 lm/ft - Min. 800 800 lm/ft - Max.	80 80 CRI 90 90 CR	27 2700 K 30 3000 K 35 3500 K 40 4000 K	SO spotless lens
Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.				

LENGTH	FINISH	VOLTAGE																					
L specify exact fixture length*	<table> <tr> <td>W white</td><td>B2103 Wild Pine</td><td>120 120 V</td></tr> <tr> <td>AP aluminum paint</td><td>B2601 Medium Teak</td><td>277 277 V</td></tr> <tr> <td>BLK black</td><td>B1406 French Cherry</td><td>347 347 V</td></tr> <tr> <td>C custom</td><td>B1102 Maple Cherry</td><td>UNV universal</td></tr> <tr> <td>B99244 Birch</td><td>B1301 Medium Chestnut</td><td>DC low voltage*</td></tr> <tr> <td>B2502 Fine Oak</td><td>B1806 Dark Walnut</td><td></td></tr> <tr> <td>B1501 Douglas Fir</td><td>B99097 Dark Rosewood</td><td></td></tr> </table>	W white	B2103 Wild Pine	120 120 V	AP aluminum paint	B2601 Medium Teak	277 277 V	BLK black	B1406 French Cherry	347 347 V	C custom	B1102 Maple Cherry	UNV universal	B99244 Birch	B1301 Medium Chestnut	DC low voltage*	B2502 Fine Oak	B1806 Dark Walnut		B1501 Douglas Fir	B99097 Dark Rosewood		
W white	B2103 Wild Pine	120 120 V																					
AP aluminum paint	B2601 Medium Teak	277 277 V																					
BLK black	B1406 French Cherry	347 347 V																					
C custom	B1102 Maple Cherry	UNV universal																					
B99244 Birch	B1301 Medium Chestnut	DC low voltage*																					
B2502 Fine Oak	B1806 Dark Walnut																						
B1501 Douglas Fir	B99097 Dark Rosewood																						
* Available in lengths from min 2 feet to max 8 feet, 1 inch increments. Please specify exact length that fits best your ceiling type. Can be used to replace acoustic slats or be placed in between slats. See page 3 for TURF ceilings integration information.		* Only available with POE drivers.																					

DRIVER	CIRCUITS	MOUNTING	BATTERY (OPTIONAL)	CUSTOM (OPTIONAL)
DP dimming (0-10V) 1% (integrated) LT Lutron (remote)* BI bi-level dimming (remote) O(#) other (remote)** POE(#) POE drivers (remote)*	1 1 circuit	UB universal t-grid ceiling bracket* NA not applicable**	BR(#) battery pack (remote)	C custom
Integrated or remote. * Operating up to -20°C; Specify system ** Please consult factory; see page 2		*Fits any t-grid ceiling type. Supplied by Axis. See details on page 2. **Please select this option if using third party compatible mounting hardware.	Not available with 347V Please consult factory	Please specify

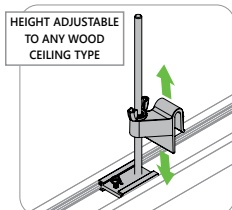
Slate 3

FOR TURF ACOUSTIC CEILINGS

CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) Up to 70% recycled content
Bracket	Die formed sheet steel (22 gauge)
Mounting Brackets	Extruded aluminum
Reflectors	White powder coated sheet steel (22 gauge)
Lens	Spotless frosted acrylic lens

MOUNTING DETAIL

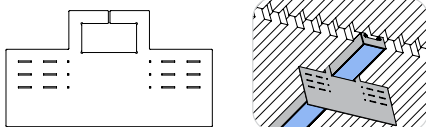


UWB - Universal Wood Ceiling Bracket shown
*Patent pending

- Facilitates coordination of ordering fixtures.
- Capable of end to end mounting.
- Allows regression control with the help of the aligner.
- Supplied by Axis.

FIXTURE HEIGHT ALIGNER

Aligner (Patent Pending) with cut-outs spaced at 0.5", 1", and 1.5" for regressed position options.

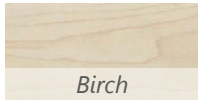






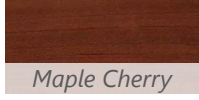




FINISHES

Powder coated and custom finishes are also available.

Wood Finishes

Add style to the space with classic wood finish luminaires that use advanced sublimation technology to produce a durable and elegant wood grain finish. Please contact your Axis representative for more information including pricing and lead time.

 <i>Birch</i> B99244	 <i>Medium Teak</i> B2601	 <i>Dark Walnut</i> B1806
 <i>Fine Oak</i> B2502	 <i>French Cherry</i> B1406	 <i>Dark Rosewood</i> B99097
 <i>Douglas Fir</i> B1501	 <i>Maple Cherry</i> B1102	
 <i>Wild Pine</i> B2103	 <i>Medium Chestnut</i> B1301	

ELECTRICAL

Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor

Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory) *Consult factory
---	---

Emergency	Remote emergency battery pack or emergency circuit optional.
------------------	--

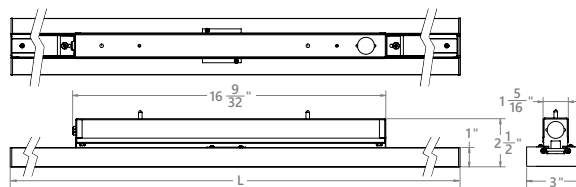
Input Voltage	120V, 277V, 347V, UNV.
----------------------	------------------------

i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).


SIDE VIEWS



WEIGHT

Slate 3 - 2 ft	2.8 lbs / 1.3 kg
Slate 3 - 4 ft	4.6 lbs / 2.1 kg
Slate 3 - 8 ft	8.0 lbs / 3.6 kg

APPROVALS

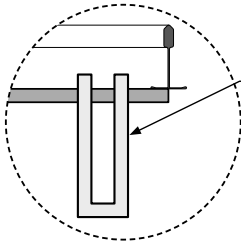
Certified to UL and CSA standards 

WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● TURF CEILINGS INTEGRATION

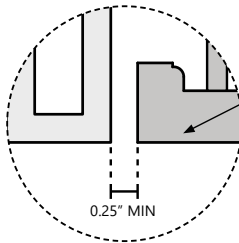
BLADES AT PANEL EDGE



DO NOT REMOVE ANY BLADES CLOSEST TO THE EDGE OF A PANEL

GRIDLOCK CONNECTIONS MUST BE MAINTAINED NEAR PANEL EDGE

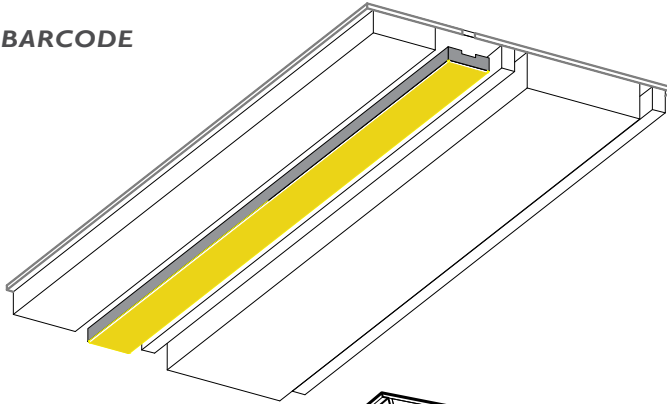
BLADES & LIGHT CLEARANCE



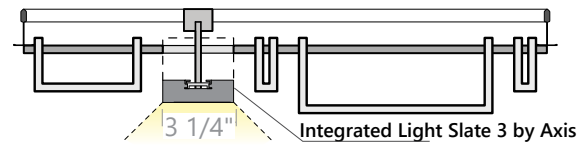
SLATE BY AXIS

MAINTAIN A MINIMUM OF 0.25" CLR BETWEEN BLADE & LIGHT

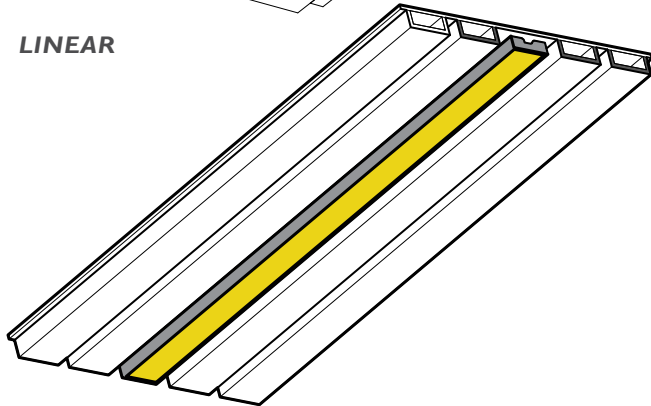
BARCODE



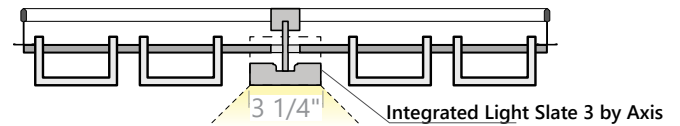
Barcode Acoustic ceiling (D panel) by TURF



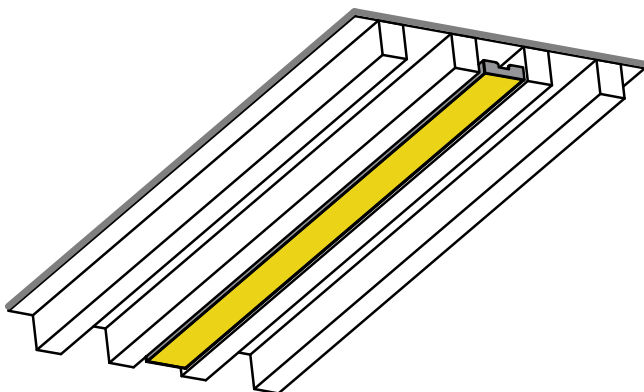
LINEAR



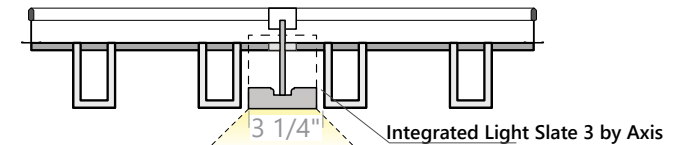
Linear Acoustic ceiling (L5 panel) by TURF



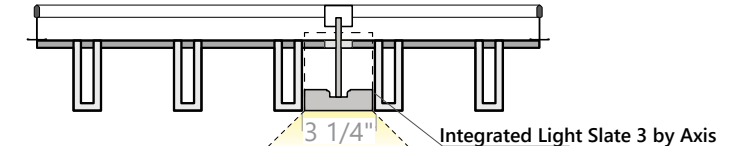
GRILLE



Grille Acoustic ceiling (G4 panel) by TURF



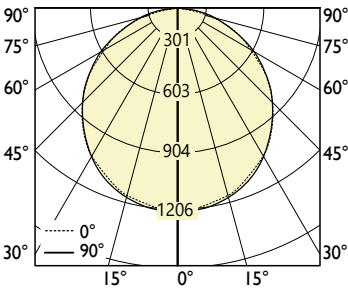
Grille Acoustic ceiling (G5 panel) by TURF



● PHOTOMETRIC DATA

800 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 800 lm/ft
Total Lumens: 3200 lm (for 4ft)
Input Watts: 25.2 W
Efficacy: 127 lm/W
IES FILE: SL3-800-80-35-SO-4-W.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1202	1202	1202	1202	1202
5	1198	1200	1202	1204	1205
15	1148	1156	1159	1163	1166
25	1050	1056	1066	1072	1072
35	911	917	929	934	934
45	745	749	761	768	770
55	561	564	574	577	582
65	375	380	382	384	388
75	191	193	200	203	207
85	45	45	51	52	52
90	2	2	2	1	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	114
10-20	323
20-30	482
30-40	568
40-50	573
50-60	501
60-70	371
70-80	209
80-90	59
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10785	11020	11157
55	10011	10254	10397
65	9078	9260	9404
75	7574	7910	8182
85	5301	5952	6167

i All IES files are available for download at: www.axislighting.com