

SLOT

ARON™
Light Delivered™



Project: _____

Type: _____

Notes: _____

SLOT | SLOT is an innovative lighting and acoustic system designed to seamlessly integrate beautiful, coordinated lighting with effective sound absorption. Its unique material and shape deliver superior acoustic performance while enhancing the visual appeal of any space.



Ordering Guide

EZTSLTV1									
ARON ID		CEILING TYPE		LENGTH		LUMENS/FT		BEAM	
EZTSLTV1	EZTSLTV1	G	Grid - 15/16", 9/16", SS	2x2-3	2x2 x 3in tall	300	300 lm/ft	B1	Regressed Lens
			CG	Concealed Grid	2x2-6	2x2 x 6in tall	400	400 lm/ft	B2
		2x2-9			2x2 x 9in tall	500	500 lm/ft	B3	Debossed 3-sided Lens
		2x2-3D			2x2 x 3in tall Diagonal	750	750 lm/ft	B4	Regressed Louvers
		2x2-6D			2x2 x 6in tall Diagonal	850	850 lm/ft		
		2x2-9D			2x2 x 9in tall Diagonal	1000	1000 lm/ft	B5	Flush Louvers
		2x4-3			2x4 x 3in tall				
		2x4-6			2x4 x 6in tall				
		2x4-9	2x4 x 9in tall						
						*Consult Factory for Other Lumen Packages *Wattage Calculated w/ CCT of 35K8			

COLOR / CRI		VOLTAGE		DRIVER		ACCESSORIES/RATINGS		TILE CAP COLOR		TILE BLADE COLOR	
30K8	3000K - 80CRI	UNV 347	120-277V 347 V	DM	Factory 0-10V, Dim 1%	E5W E10W	5W EM Battery 10W EM Battery	####	Specify Acoustic Tile Color Code (FACT Design)	####	Specify Acoustic Tile Color Code (FACT Design)
30K9	3000K - 90CRI			BT	Bluetooth						
35K8	3500K - 80CRI			ELD	EldoLED .1% Dimming *contact factory for other driver, dimming and control options						
35K9	3500K - 90CRI										
40K8	4000K - 80CRI										
40K9	4000K - 90CRI										
TW	Tunable White										
**TW range 2700K-6500K				**See Page 5 for Bluetooth Information. Consult Factory				**See Page 3		**See Page 3	

ARON Lighting reserves the right to make any design changes for continuous improvement which will not affect the overall appearance, performance or pricing.

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9/30/2024

Designed and Manufactured in the USA

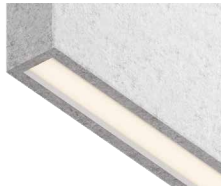
2024 ARON Lighting
aronlighting.com
484.681.5687

ARON

Beam Types



B1 - Regressed Lens



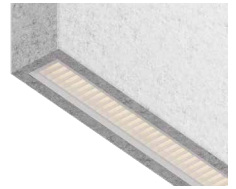
B2 - Flush Lens



B3 - Debossed
3-sided Lens

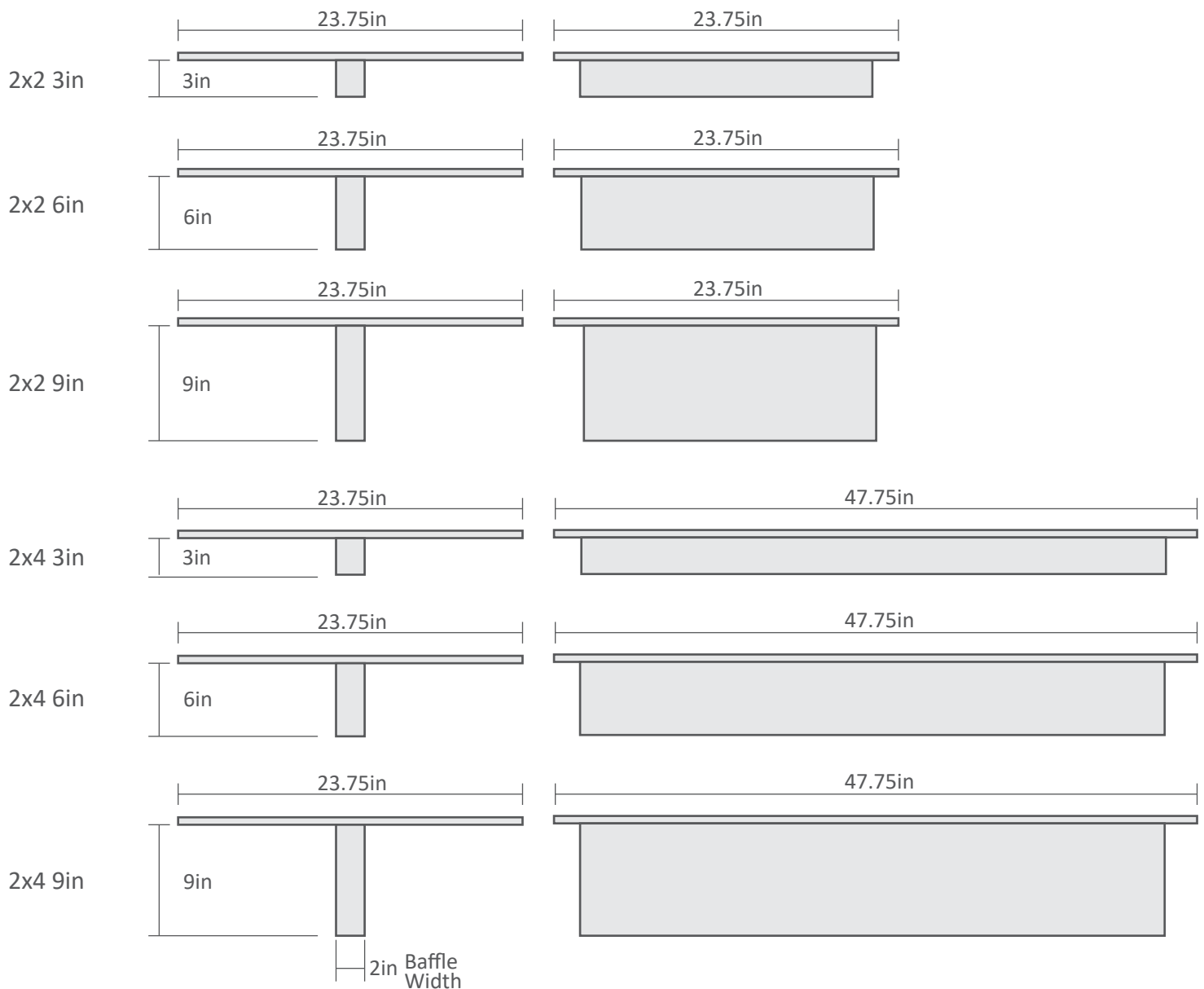


B4 - Regressed Louvers



B5 - Flush Louvers

Application Sizes



Construction

- Lens: Extruded Volumetric Diffusion Lens
- End Cap: Galvaneal 18 gauge sheet metal
- Fixture Housing: Extruded Aluminum, powder coated
- Acoustical felt baffle housing
- Driver Box: Galvanized 18 gauge remote sheet metal

Optical

- Symmetric Lambertian Distribution
- Extruded Volumetric Diffusion
- Minimum 80 or 90 CRI
- 3000K, 3500K, 4000K
- ≤ 3 SDCM

Electrical

- Remote high efficiency driver w/ universal 120-277 input
- 0-10V dimming (1%) standard
- Class 2
- Optional Remote battery pack
- L90: 90,000 Hours
- L70: 185,000 Hours
- Various Control and Driver Options
- *Contact factory

Acoustic Tile Properties

Material

9mm Polyester (PET) Felt +/- .35"

Size

2x2: 23.75" x 23.75"

2x4: 23.75" x 47.75"

Note: 6" clearance required above grid

Environmental

60% pre-consumer recycled content

Flammability

ASTM E84 Class A Certified /
CAN/ULC-S102.2

Acoustics

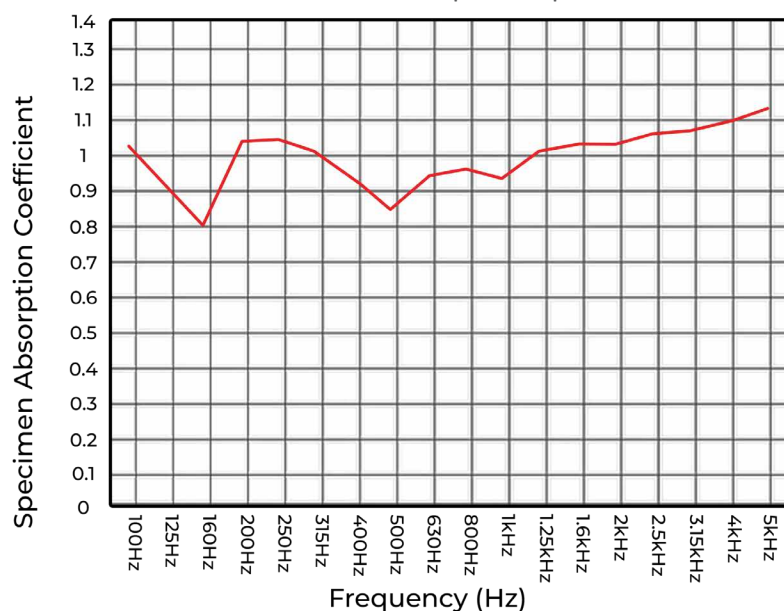
Closed plenum installation

Test method – ASTM E795-16 Type
E-400 Mounting closed tile – NRC 1.0



FACT

Sound Absorption Report



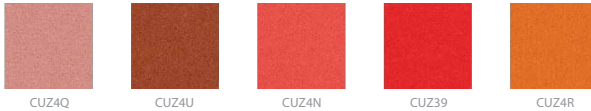
Acoustic Tile Colors

camira

Blazer, Blazer Lite

www.camirafabrics.com

Popular
Colors



kvadrat

Divina 3, Divina MD, Divina Melange 3

www.kvadrat.dk/en

Popular
Colors

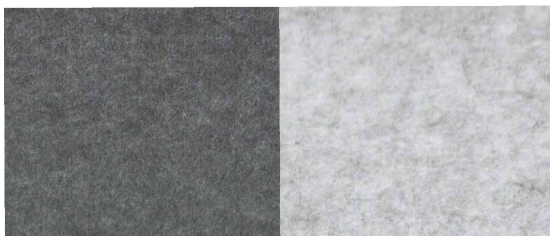


FACT

Additional Accent Color Options

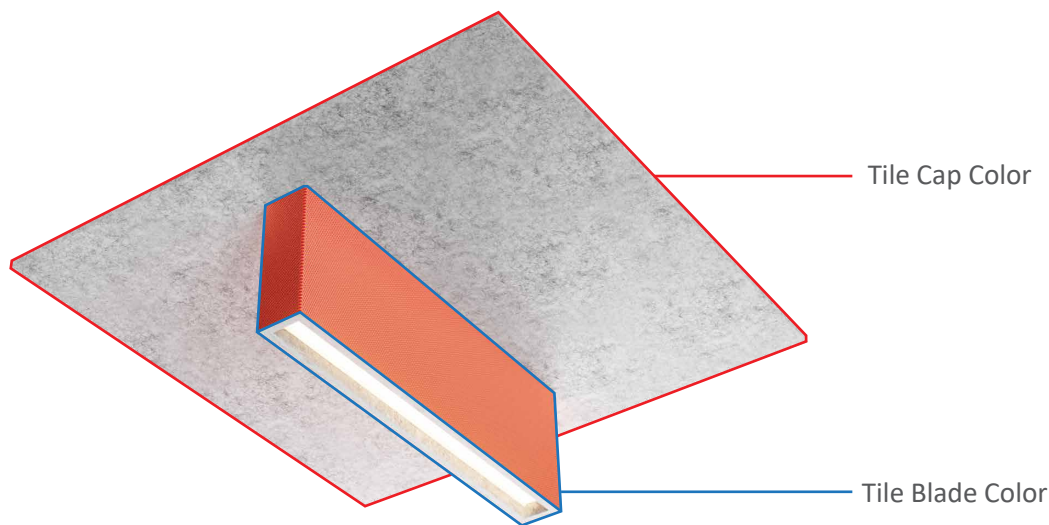
The following collections from Kvadrat can be used in addition to our standard colors to add accents to your design. Contact us at samples@fact.design and we will have the samples sent to you. There is a 20 tile min. per color for this option

For other tile and pattern options, visit www.fact.design



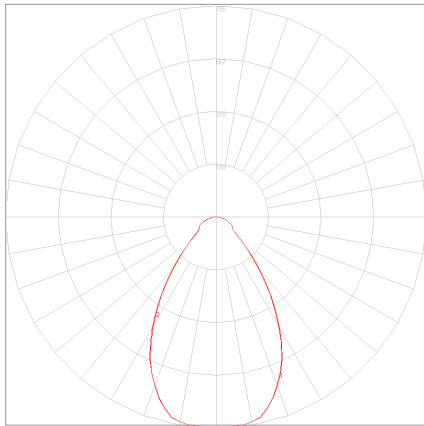
Closeup to show texture

Standard colors shown below



Model Tested: EZTSLTV1-G-2x2-3-1000-**B1**-35K8-UNV-DM

Photometric Curve



Length: 1.4ft
Lumens/ft: 1000
Total Lumens: 1417
Input Watts: 20.86 W
Efficacy: 68 lm/W

Candela Distribution

Angle (°)	0	22.5	45	67.5	90
0	753	753	753	753	753
5	755	752	753	749	751
10	742	744	747	745	745
15	723	726	731	719	709
20	697	705	688	656	640
25	663	670	632	580	557
30	623	630	558	482	450
35	581	577	476	375	338
40	534	514	384	271	232
45	481	446	286	179	150
50	430	372	197	113	93
55	373	294	124	73	72
60	312	212	74	67	69
65	249	133	59	61	59
70	187	70	53	47	44
75	125	38	38	32	31
80	69	29	23	20	19
85	23	13	10	9	9
90	0	0	0	0	0
95	0	0	0	0	0
100	0	0	0	0	0
105	0	0	0	0	0
110	0	0	0	0	0
115	0	0	0	0	0
120	0	0	0	0	0
125	0	0	0	0	0
130	0	0	0	0	0
135	0	0	0	0	0
140	0	0	0	0	0
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

Zonal Lumens Luminance Data (cd/m²)

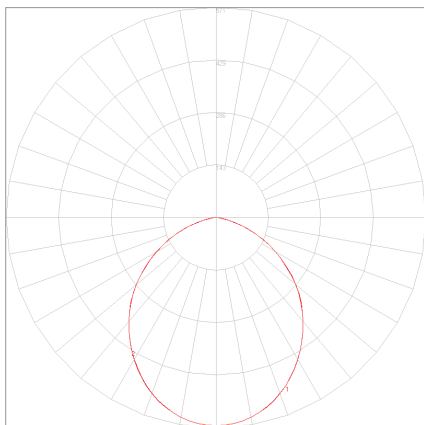
Zone	Lumens	Luminaire
0-30	559.53	39.5%
0-40	853.35	60.2%
0-60	1251.95	88.4%
60-80	83.1	10.6%
80-90	13.73	1%
90-120	0	0%
0-90	1416.58	100%
90-180	0	0%
0-180	1416.58	100.0%

Wattage/ft

Lumens/ft	Watts/ft
300	4.4W
400	5.9W
500	7.4W
750	11W
850	12.5W
1000	14.7W

Model Tested: EZTSLTV1-G-2x2-3-1000-**B2**-35K8-UNV-DM

Photometric Curve



Length: 1.4ft
Lumens/ft: 1000
Total Lumens: 1417
Input Watts: 13.65 W
Efficacy: 104 lm/W

Candela Distribution

Angle (°)	0	22.5	45	67.5	90
0	566	566	566	566	566
5	569	562	561	562	563
10	558	551	550	550	551
15	542	535	533	532	534
20	520	513	511	506	509
25	492	486	483	476	480
30	460	454	450	442	446
35	425	420	414	407	409
40	387	382	377	371	369
45	348	343	337	332	327
50	306	302	295	288	283
55	264	260	252	241	234
60	221	218	207	194	187
65	178	175	161	146	140
70	133	132	115	100	93
75	89	88	71	57	51
80	49	47	31	22	20
85	17	14	6	4	3
90	0	0	0	0	0
95	0	0	0	0	0
100	0	0	0	0	0
105	0	0	0	0	0
110	0	0	0	0	0
115	0	0	0	0	0
120	0	0	0	0	0
125	0	0	0	0	0
130	0	0	0	0	0
135	0	0	0	0	0
140	0	0	0	0	0
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

Zonal Lumens Luminance Data (cd/m²)

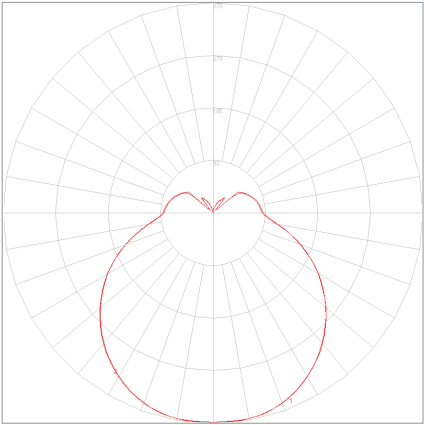
Zone	Lumens	Luminaire
0-30	426.09	30.1%
0-40	685.37	48.4%
0-60	1169.26	82.5%
60-80	235.15	16.6%
80-90	12.76	0.9%
90-120	0	0%
0-90	1417.17	100%
90-180	0	0%
0-180	1417.17	100.0%

Wattage/ft

Lumens/ft	Watts/ft
300	2.9W
400	3.8W
500	4.8W
750	7.2W
850	8.2W
1000	9.6W

Model Tested: EZTSLTV1-G-2x2-3-1000-**B3**-35K8-UNV-DM

Photometric Curve



Length: 1.4ft
Lumens/ft: 1000
Total Lumens: 1417
Input Watts: 11.18 W
Efficacy: 127 lm/W

Candela Distribution

Angle (°)	0	22.5	45	67.5	90
0	368	368	368	368	368
5	369	365	368	367	369
10	362	360	365	366	368
15	352	352	359	361	364
20	338	340	349	353	357
25	320	325	337	343	346
30	300	307	322	329	333
35	278	288	304	314	318
40	254	267	284	296	300
45	229	244	263	277	281
50	202	220	240	256	261
55	175	194	216	234	238
60	147	168	192	210	215
65	118	141	166	186	191
70	88	114	140	160	166
75	61	87	114	135	141
80	34	61	90	111	117
85	12	40	69	91	98
90	0	27	57	80	89
95	0	26	55	78	86
100	0	25	54	76	83
105	0	24	52	73	80
110	0	19	50	69	76
115	0	15	47	65	72
120	0	18	44	61	67
125	0	16	14	57	62
130	0	14	12	17	57
135	0	12	28	8	7
140	0	10	24	32	6
145	0	8	19	29	32
150	0	6	15	23	26
155	0	5	12	18	21
160	0	3	9	11	16
165	0	0	5	8	10
170	0	0	1	4	5
175	0	0	0	0	0
180	0	0	0	0	0

Zonal Lumens Luminance Data (cd/m²)

Zone	Lumens	Luminaire
0-30	290.06	20.5%
0-40	478.33	33.8%
0-60	868.93	61.3%
60-80	275.53	19.4%
80-90	71.16	5%
90-120	0	0%
0-90	1215.62	85.8%
90-180	0	0%
0-180	1416.96	100.0%

Wattage/ft

Lumens/ft	Watts/ft
300	2.4W
400	3.2W
500	3.9W
750	5.9W
850	6.7W
1000	7.9W