QUAD TBar

ARON™

Shown: QuadT1-FSQ-AR-BR-CR-DR-...

Project: _____
_____

Type: _____
_____

Notes: _____
_____

The **QUAD** Luminaire features a Patent-Pending mounting system over the intersection of the ceiling grid. The Quad is a modular Downlight fixture that allows for different configurations based on optical and aesthetic requirements.

CCEA Approved | UL LISTED | Patent Pending
5 Year Warranty

Armstrong CEILINGS | Bluetooth | PoE Enabled

Ordering Guide

Important Ordering Notes:
*FASTSIZE tiles made-to-order through your Armstrong rep. Contact Armstrong for compatible tiles.

QuadT1

ARON ID		GRID TYPE/SHAPE		QUADRANT A		QUADRANT B		QUADRANT C		QUADRANT D		LUMENS PER QUADRANT	
QuadT1	QUAD TBar	**FSQ**	Flat Grid Square Quadrants	**ARW**	Regressed Lens-Static White	**BRW**	Regressed Lens-Static White	**CRW**	Regressed Lens-Static White	**DRW**	Regressed Lens-Static White	**125**	125 Lumens per Quadrant
				ARC	Regressed Lens RGBW	**BRC**	Regressed Lens RGBW	**CRC**	Regressed Lens RGBW	**DRC**	Regressed Lens RGBW	**250**	250 Lumens per Quadrant
		SSSQ	Screw Slot Grid Square Quadrants	**AX**	No Quadrant	**BX**	No Quadrant	**CX**	No Quadrant	**DX**	No Quadrant	**400**	400 Lumens per Quadrant
		DWSQ	Drywall Square Quadrants									**500**	500 Lumens per Quadrant
												750	750 Lumens per Quadrant

BEAM		COLOR / CRI		VOLTAGE		DRIVER		FINISH		SENSORS/OPTIONS	
RB1	Medium	**27K8**	2700K - 80CRI	**UNV**	120 - 277V	**DM**	Factory 0-10V Dim 1%	**W**	White	**E10W**	10W EM Battery
RB2	Wide	**30K8**	3000K - 80CRI	**UNV**	347V	**BT**	Bluetooth Conrol	**C**	Custom Color		
		35K8	3500K - 80CRI	**POE**	Low Voltage PoE						
		40K8	4000K - 80CRI			**DALI**	Dali System				
		27K9	2700K - 90CRI			**DMX**	DMX System				
		30K9	3000K - 90CRI								
		35K9	3500K - 90CRI								
		40K9	4000K - 90CRI								
		RGBW____	RGBW - specify color temp of W								

**See Page 4 for Bluetooth Information. Consult Factory

For More Configurations with Drop Lens, Wall Wash, Spotlight... See QUAD Configurations Spec Sheet

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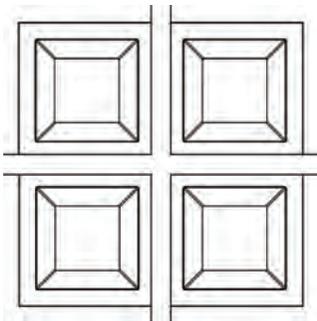
Ordering Instructions
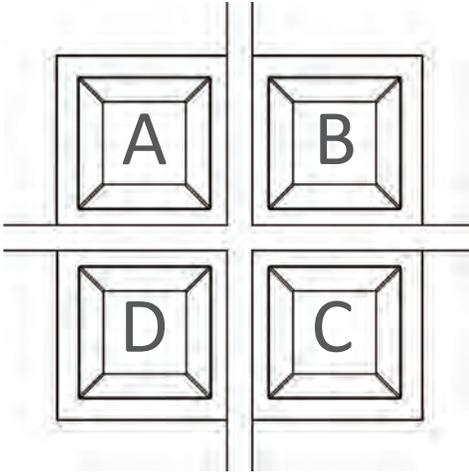
- Match labeled quadrant with corresponding column on ordering guide.

- Notate "R" to use quadrant with regressed lens.
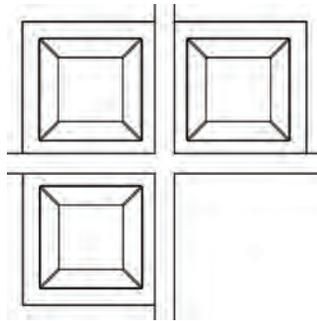
- Notate "X" to omit quadrant from fixture.

Notes:
- Coordinate lighting fixture install with ceiling contractor
- Contact your local Armstrong representative for Made-To-Order ceiling tiles. (See page 6)
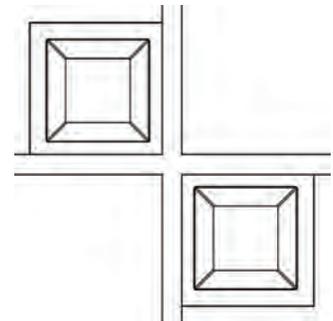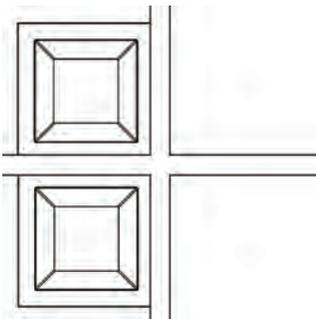
Sample Configurations
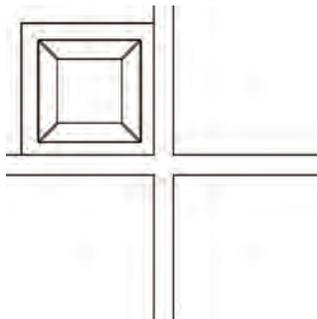

QuadT1-FSQ-ARW-BRW-CRW-DRW

QuadT1-FSQ-ARW-BRW-CX-DRW

QuadT1-FSQ-ARW-BX-CRW-DX

QuadT1-FSQ-ARW-BX-CX-DRW

QuadT1-FSQ-ARW-BX-CX-DX
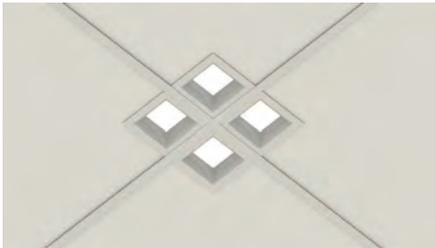
SEE QUAD SOLO FOR MORE INFO

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2022 ARON Lighting
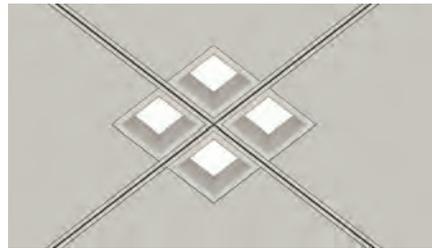aronlighting.com
484.681.5687

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Housing Types

Flat Housing

- Notate "FSQ" in Ordering Guide
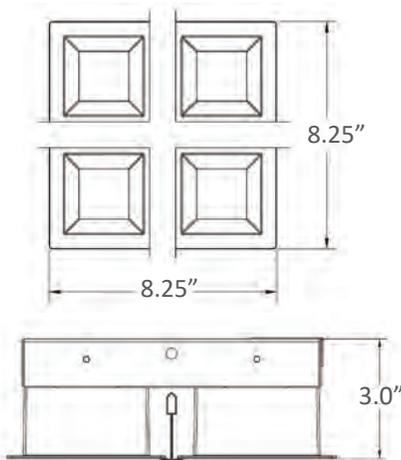- Designed for Flat 9/16" & 15/16" Grids

Screw Slot Housing

- Notate "SSSQ" in Ordering Guide
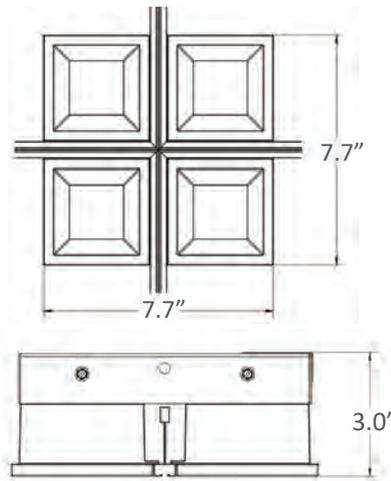- Designed for Dimensional 9/16" Grids

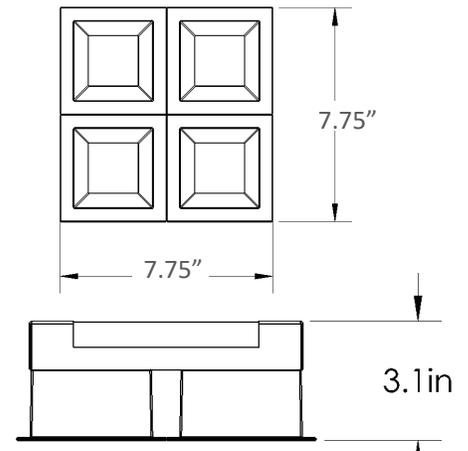### Drywall Housing

- Notate "DWSQ" in Ordering Guide

Dimensions

8.25"
8.25"
3.0"

Flat Housing

7.7"
7.7"
3.0"

Screw Slot Housing

7.75"
7.75"
3.1in

Drywall Housing

Construction

- Cast Aluminum housing
- Powder coated paint
- Galvanized sheet metal components
- Mate with Flat 15/16", 9/16" and Dimensional 9/16" TBars

Optical

- Symmetric and asymmetric distributions
- Coated Acrylic light guide
- Coated Acrylic diffuser
- Minimum 80 or 90 CRI
- 3000K, 3500K, 4000K
- ≤ 3 SDCM

Electrical

- Integral high efficiency driver
- 0-10V dimming (1%) standard
- Class 2
- Optional remote battery pack

Weight

4Q = 10 lbs
3Q = 8.5 lbs
2Q = 7.0 lbs
1Q = 5.5 lbs

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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aronlighting.com
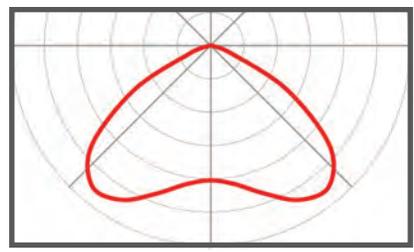484.681.5687

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Beam Options

Contact factory for custom configurations

4, 3, 2D, 1 Quadrant Configurations
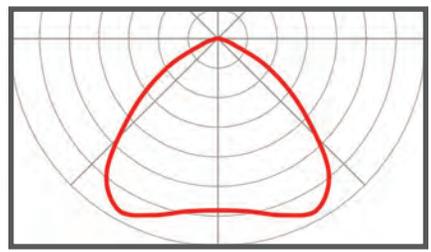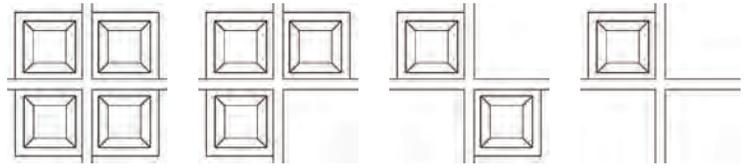
B2 - Medium

B3- Wide

2 Quadrant Parallel
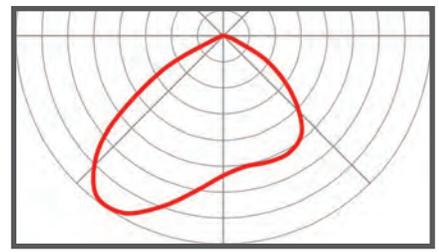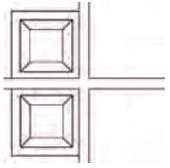
B4- Asymmetric

Fixture Wattages

Lumens/Quadrant	Watts/Quadrant
125	1.53
250	3.0
500	6.0
750	9.0

Lumens/Fixture	Watts/Fixture
750	9.0
1000	12.0
1500	18.1
2000	24.1
2500	30.1
3000	35.8

Bluetooth Technology

BubblyNet

Sensors

Controllers

Drivers

With our BubblyNet OEM partnership, realize the power of bluetooth lighting control! Offering wall controlers, integrated fixture sensors, tunable white/ rgbw contol. Contact Factory for More Information
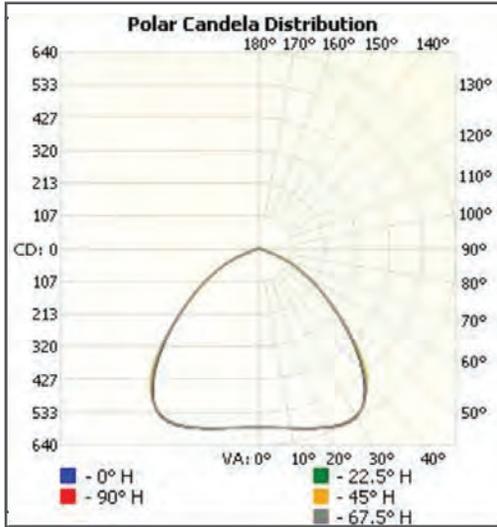
PoE Technology

igor

NuLEDs Lighting Over IP®
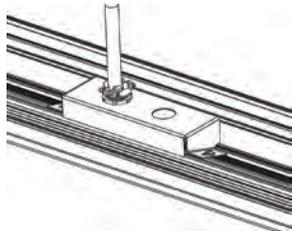
Our Partnerships with Igor and NuLEDs offer PoE Integration using low voltage cat 5, cat 6 cabling. Contact Factory For more Information.

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Model Tested: QuadT1-FSQ-ARW-BRW-CRW-DRW-400-B2-35K8-UNV-DM-W

Polar Candela Distribution

	Horizontal Angles				
Vertical Angle	**0**	**22.5**	**45**	**67.5**	**90**
0	582	582	582	582	582
5	585	585	585	584	585
10	594	593	593	592	593
15	606	606	604	604	606
20	620	620	618	619	621
25	633	632	629	631	633
30	631	629	628	629	632
35	598	598	602	600	599
40	526	530	543	532	528
45	433	437	451	441	437
50	337	340	340	344	340
55	250	256	249	259	253
60	180	189	177	187	182
65	122	124	121	127	122
70	59	67	70	69	60
75	21	22	27	22	21
80	11	11	11	11	11
85	3	3	3	3	3
90	0	0	0	0	0

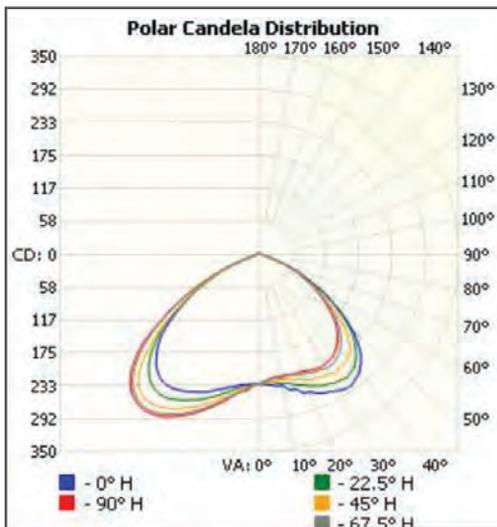| Zonal Lumens		
Zone	**Lumens**	**% Luminaire**
0-10	56.1	3.5
10-20	172.0	10.7
20-30	291.1	18.0
30-40	370.9	23.0
40-50	338.0	20.9
50-60	229.2	14.2
60-70	122.3	7.6
70-80	29.9	1.9
80-90	4.4	0.3

Configuration: 4 Quadrant
Lumens/Quadrant: 403
Total Lumens: 1613
Input Watts: 19.77 W
Efficacy: 81.6 lm/W

Model Tested: QuadT1-FSQ-ARW-BX-CX-DRW-400-B4-35K8-UNV-DM-W

Polar Candela Distribution

	Horizontal Angles				
Vertical Angle	**0**	**22.5**	**45**	**67.5**	**90**
0	229	229	229	229	229
5	232	225	227	223	221
10	236	233	226	223	219
15	247	239	229	221	220
20	260	248	237	225	221
25	271	257	241	230	226
30	279	264	244	234	227
35	283	267	244	231	223
40	273	260	241	221	212
45	253	240	225	202	194
50	218	210	190	174	168
55	170	166	146	140	134
60	122	120	105	104	100
65	76	76	68	68	67
70	33	38	38	37	34
75	13	13	16	14	14
80	7	7	7	8	8
85	2	2	2	3	3
90	0	0	0	0	0

Zonal Lumens		
Zone	**Lumens**	**% Luminaire**
0-10	22.3	2.6
10-20	70.5	8.3
20-30	125.3	14.8
30-40	177.5	21
40-50	197.1	23.3
50-60	155.2	18.4
60-70	77.3	9.1
70-80	17.2	2
80-90	2.9	0.3

Configuration: 2 Quadrant Parallel
Lumens/Quadrant: 422
Total Lumens: 845
Input Watts: 9.76 W
Efficacy: 86.6 lm/W

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