QUAD TBar

ARON™

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.

Shown: QuadT1-FR-ARW-BRW-CRW-DRW-...

Bluetooth · PoE Enabled

*FASTSIZE tiles made-to-order through your
Armstrong rep. Contact Armstrong for compatible tiles

CCEA Approved · UL LISTED

Patent Pending
5 Year Warranty

Armstrong CEILINGS

Ordering Guide

QuadT1

ARON ID		CEILING TYPE/SHAPE		QUADRANT A		QUADRANT B		QUADRANT C		QUADRANT D		LUMENS PER QUADRANT	
QuadT1	QUAD TBar	FR	Flat Grid / Round 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
				AX	No Quadrant	BX	No Quadrant	CX	No Quadrant	DX	No Quadrant	400	400 Lumens per Quadrant
		DW	Drywall / Round Quadrants									500	500 Lumens per Quadrant
												750	750 Lumens per Quadrant
												1750	1750 Lumens per Quadrant

BEAM		COLOR / CRI		VOLTAGE (UNV)		DRIVER (DM)		FINISH		OPTIONS	
B1	Narrow	27K8	2700K - 80CRI	UNV	120 - 277V	DM	Factory 0-10V Dim 1%	W	White	E5W	5W EM Battery
B2	Medium	30K8	3000K - 80CRI			BT	Blue Tooth	BLK	Black	E10W	10W EM Battery
B3	Wide	35K8	3500K - 80CRI			DMX	DMX	C	Custom Color	CP	Chicago Plenum
B4	Asymmetric	40K8	4000K - 80CRI			LD2	Lutron DALI-2			AWNR	Athena Wireless Node RF Only
		27K9	2700K - 90CRI			LDE1	Lutron EcoSystem (1% Dimming)			AWNS	Athena Wireless Node with Sensors
		30K9	3000K - 90CRI			PEQ0	Lutron EcoSystem (0.1% Dimming)				
		35K9	3500K - 90CRI								
		40K9	4000K - 90CRI								
		RGBW____	RGBW - specify color temp of W								

Designed and Manufactured in the USA

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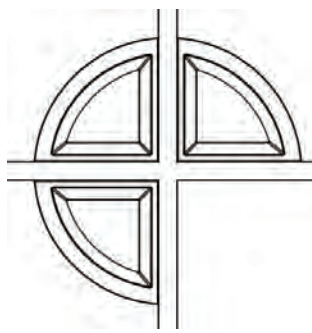
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Ordering Instructions
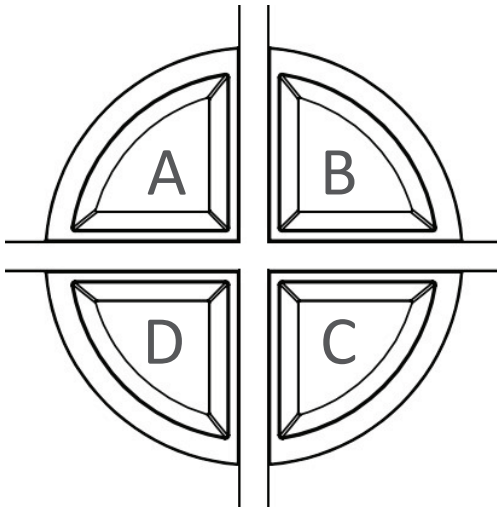
- Match labeled quadrant with corresponding column on ordering guide.

- 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
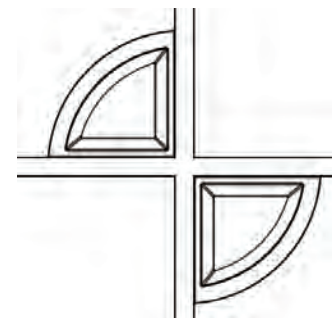 Made-To-Order ceiling tiles. (See page 6)
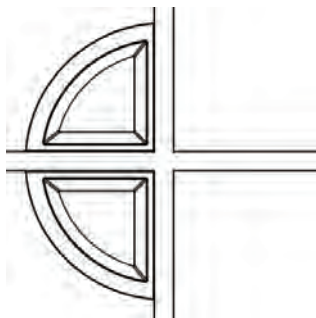
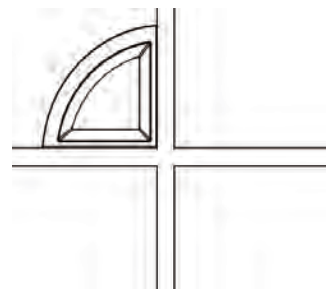## Sample Configurations
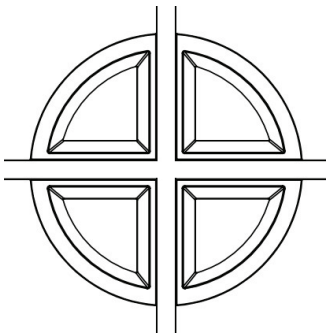
QuadT1-FR-AR-BR-CR-DR

QuadT1-FR-AR-BR-CX-DR

QuadT1-FR-AR-BX-CR-DX

QuadT1-FR-AR-BX-CX-DR

QuadT1-FR-AR-BX-CX-DX

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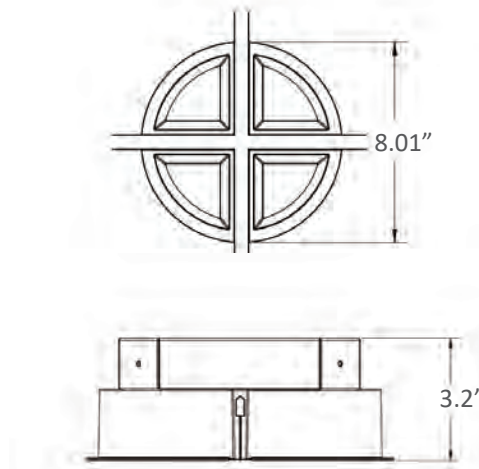2022 ARON Lighting
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Housing Types

Flat Housing

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

Dimensions

8.01"

3.2"

Flat Housing

| Construction	Optical	Electrical	Weight
- Cast Aluminum housing - Powder coated paint - Galvanized sheet metal components - Mate with Flat 15/16", 9/16" and Dimensional 9/16" TBars	- Symmetric and asymmetric distributions - Coated Acrylic light guide - Coated Acrylic diffuser - Minimum 80 or 90 CRI - 3000K, 3500K, 4000K - ≤ 3 SDCM	- Integral high efficiency driver - 0-10V dimming (1%) standard - Class 2	4Q = 10 lbs 3Q = 8.5 lbs 2Q = 7.0 lbs 1Q = 5.5 lbs

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Beam Options

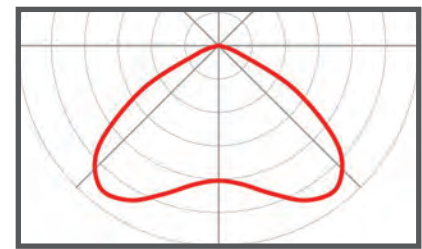*Contact factory for custom configurations*

4, 3, 2D, 1 Quadrant Configurations
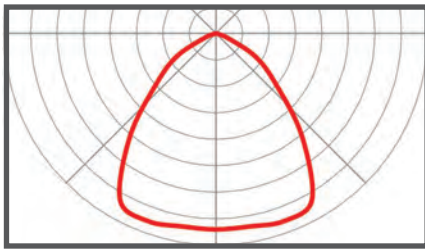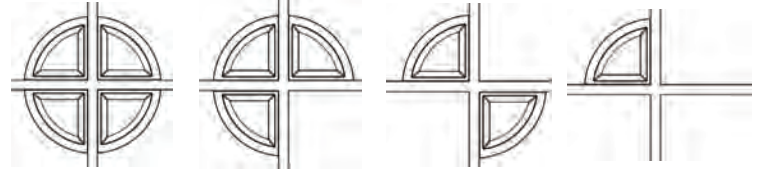
B1 - Narrow

B2 - Medium

B3- Wide

2 Quadrant Parallel
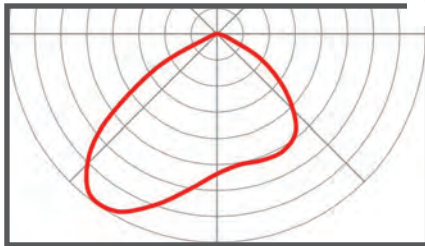
B4- Asymmetric

Fixture Wattages

Lumens/Fixture	Watts/Fixture
250	3.0
500	6.0
1000	12.0
1500	18.1
2000	24.1

Bluetooth Technology

 BubblyNet

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

Sensors

Controllers

Drivers

PoE Technology

igor

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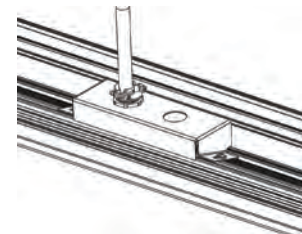
Our Partnerships with Igor and NuLEDs offer PoE Integration using low voltage cat 5, cat 6 cabling. Contact Factory For more Information.

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Model Tested: QuadT1-FR-AR-BR-CR-DR-400-B2-35K8-UNV-DM-W

Polar Candela Distribution

- ■ - 0° H
- ■ - 90° H
- ■ - 22.5° H
- ■ - 45° H
- ■ - 67.5° H

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

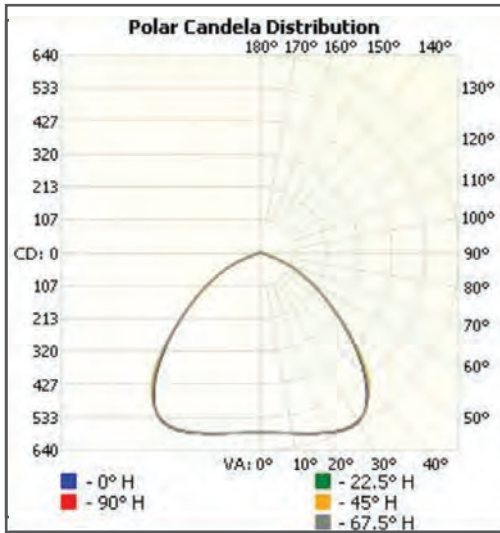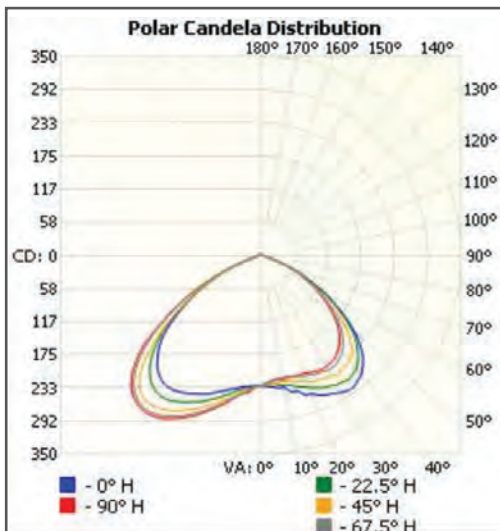| Horizontal Angles					
Vertical Angle	0	22.5	45	67.5	90
0	582	582	582	582	582
5	585	585	585	584	585
10	594	593	593	592	593
15	606	606	604	604	606
20	620	620	618	619	621
25	633	632	629	631	633
30	631	629	628	629	632
35	598	598	602	600	599
40	526	530	543	532	528
45	433	437	451	441	437
50	337	340	340	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

Model Tested: QuadT1-FR-AR-BX-CX-DR-400-B4-35K8-UNV-DM-W

Polar Candela Distribution

- ■ - 0° H
- ■ - 90° H
- ■ - 22.5° H
- ■ - 45° H
- ■ - 67.5° H

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

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

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