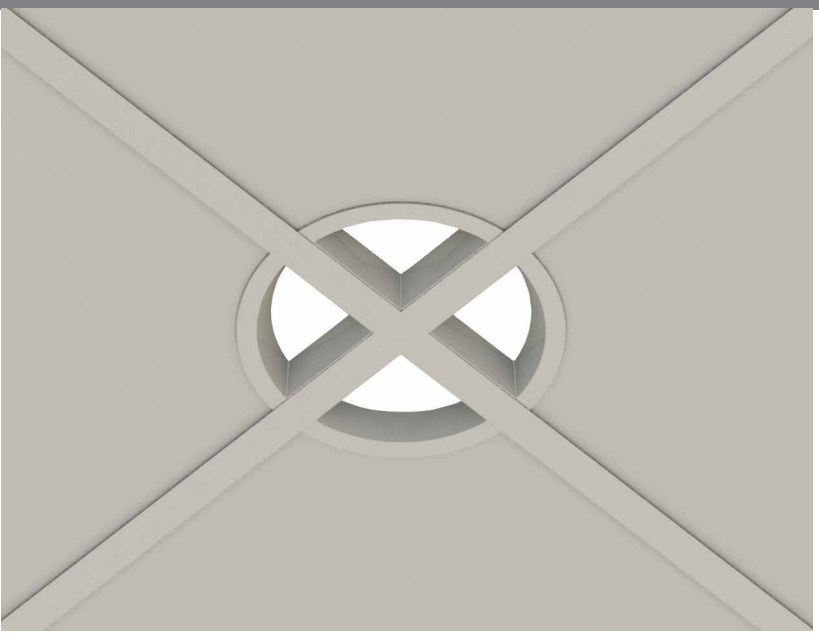
QUAD TBar

ARON™



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

Project: _____

Type: _____

Notes: _____

The **QUAD Luminaire** features a patented mounting system designed to integrate seamlessly at ceiling grid intersections. This modular downlight platform offers flexible configurations, allowing designers to tailor both optical performance and visual aesthetics to suit a wide range of applications.

Covered by U.S. Patent
10,859,242 B2
5 Year Warranty

Ordering Guide

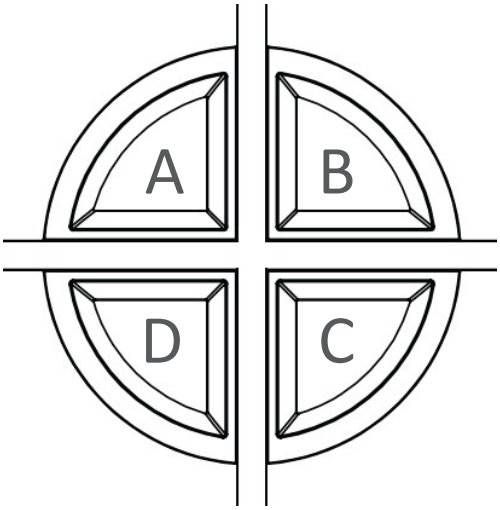
QuadT1													
ARON ID		**CEILING TYPE/SHAPE**		**QUADRANT A**		**QUADRANT B**		**QUADRANT C**		**QUADRANT D**		**LUMENS PER QUADRANT**	
QuadT1	QUAD TBar	**FR**	Flat Grid Round Quadrants	**ARW**	Regressed Lens-Static White	**BRW**	Regressed Lens-Static White	**CRW**	Regressed Lens-Static White	**DRW**	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

				UNV		DM					
BEAM		**COLOR / CRI**		**VOLTAGE**		**DRIVER**		**FINISH**		**OPTIONS**	
B1	Medium	**27K8**	2700K - 80CRI	**UNV**	120 - 277V	**DM**	Factory 0-10V Dim 1%	**W**	White	**E5W**	5W EM Battery
B2	Wide	**30K8**	3000K - 80CRI					**C**	Custom Color	**E10W**	10W EM Battery
B3	Asymmetric *only with 2 quadrant Parallel configuration	**35K8**	3500K - 80CRI							**CP**	Chicago Plenum
		40K8	4000K - 80CRI								
		27K9	2700K - 90CRI								
		30K9	3000K - 90CRI								
		35K9	3500K - 90CRI								
		40K9	4000K - 90CRI								
		RGBW___	RGBW - specify color temp of W								

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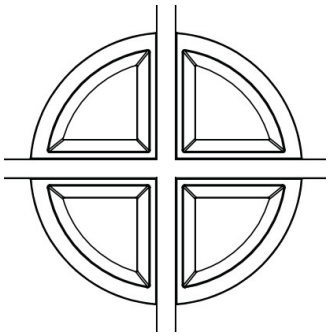
Ordering Instructions



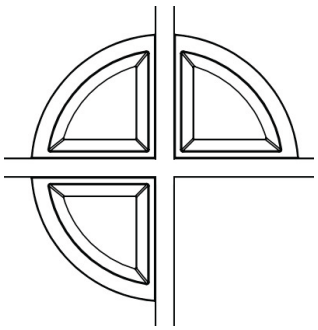
- Match labeled quadrant with corresponding column on ordering guide.
- Notate “R” to use quadrant with regressed lens.
- Notate “X” to omit quadrant from fixture.

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

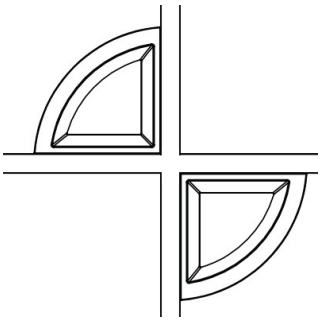
Sample Configurations



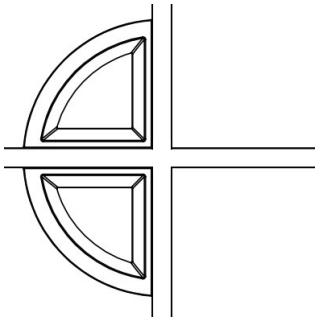
QuadT1-FR-AR-BR-CR-DR



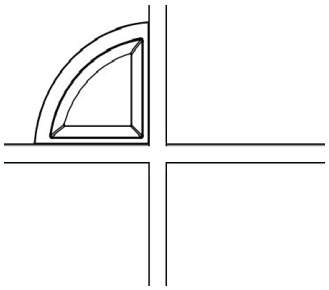
QuadT1-FR-AR-BR-CX-DR



QuadT1-FR-AR-BX-CR-DX



QuadT1-FR-AR-BX-CX-DR



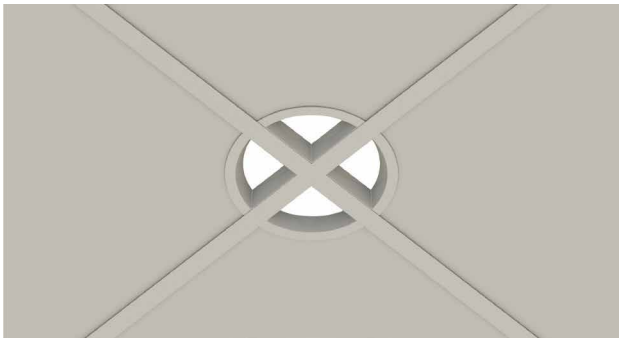
QuadT1-FR-AR-BX-CX-DX

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QUAD TBar

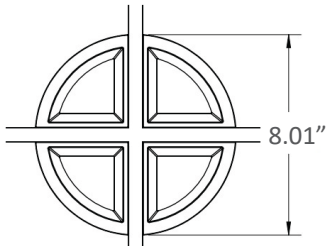
Housing Types

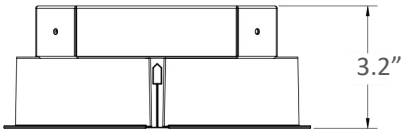
Flat Housing



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

Dimensions





Flat 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

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.

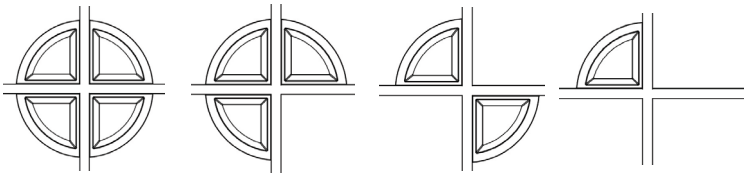
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Beam Options

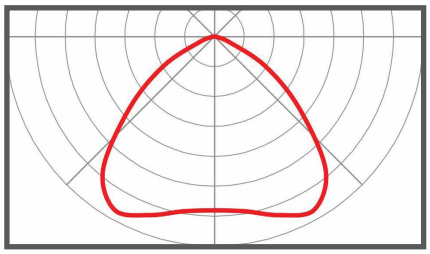
Contact factory for custom configurations

4, 3, 2D, 1 Quadrant Configurations

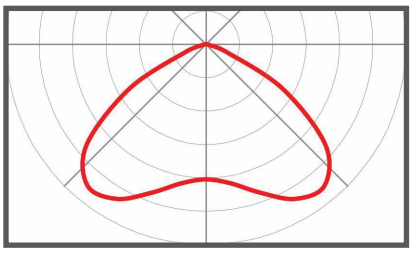


2 Quadrant Parallel

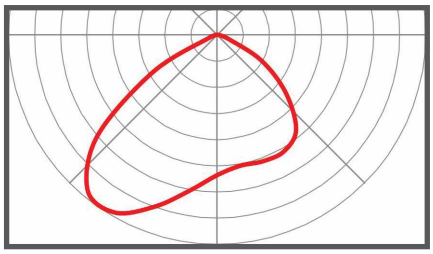




B1 - Medium



B2- Wide



B3- 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



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

smartengine | wtec



NuLEDs Lighting Over IP®



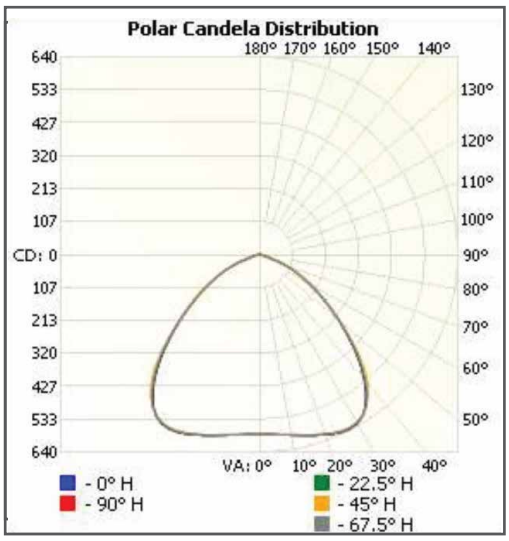
Our Partnerships with Igor and NuLEDs offer PoE Integration using low voltage cat 5, cat 6 cabling. Contact Factory For more Information.

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QUAD TBar

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

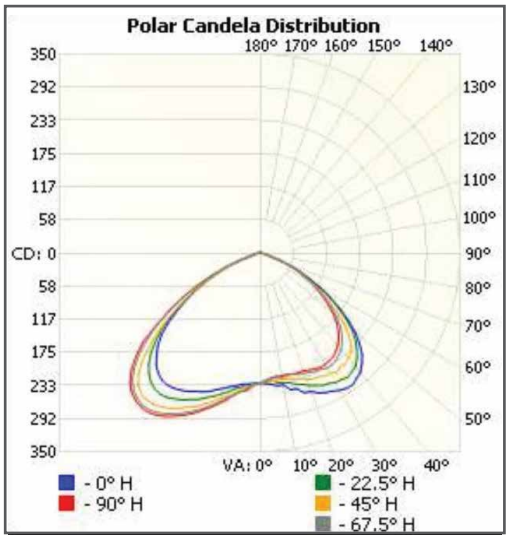


Configuration: 4 Quadrant
Lumens/Quadrant: 403
Total Lumens: 1613
Input Watts: 19.77 W
Efficacy: 81.6 lm/W

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



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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