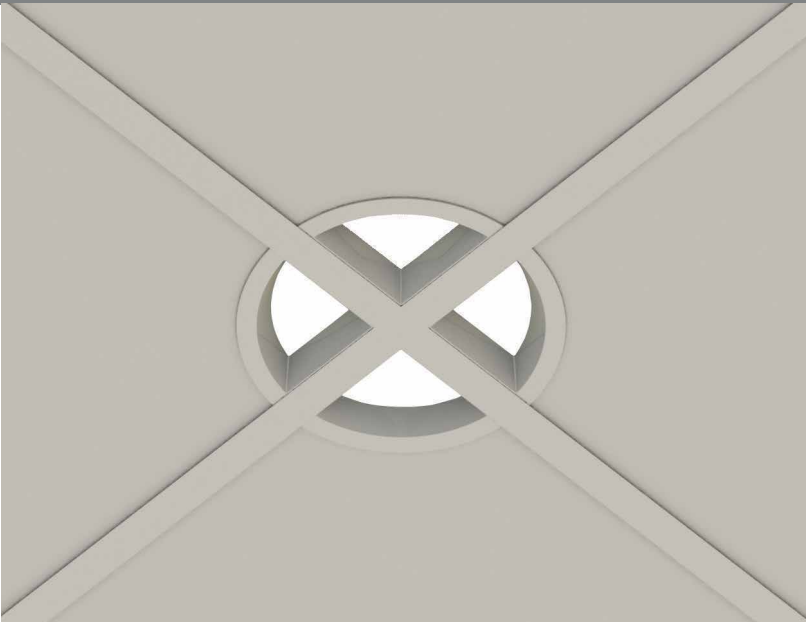


QUAD TBar

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.



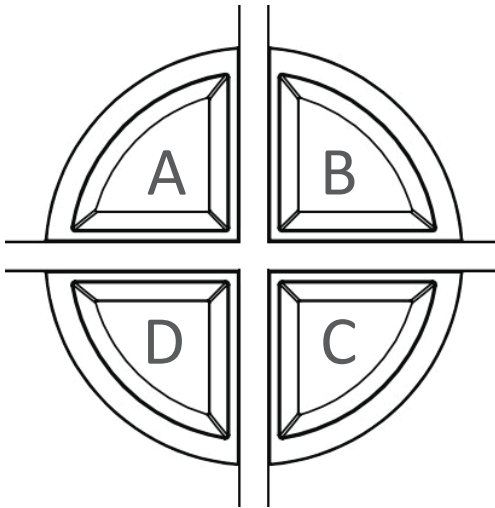
Covered by U.S. Patent
10,859,242 B2
5 Year Warranty

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
		*Concealed grid intersection mounting is not supported					

				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							AWN	Athena Wireless
		27K9	2700K - 90CRI								Node RF only
		30K9	3000K - 90CRI								
		35K9	3500K - 90CRI								
		40K9	4000K - 90CRI							AWN	Athena Wireless
											Node with sensor
		RGBW	RGBW - specify color temp of W								

Ordering Instructions

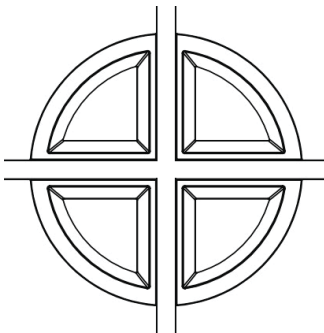


- Match labeled quadrant with corresponding column on ordering guide.
- Notate "R" to use quadrant with regressed lens.
- Notate "X" to omit quadrant from fixture.

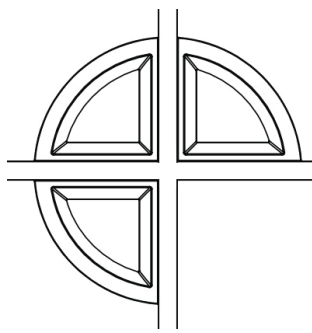
Notes:

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

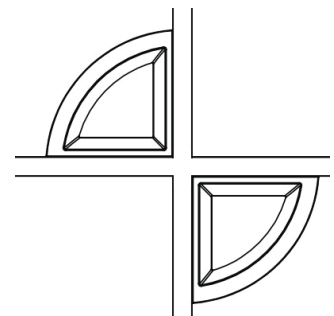
Sample Configurations



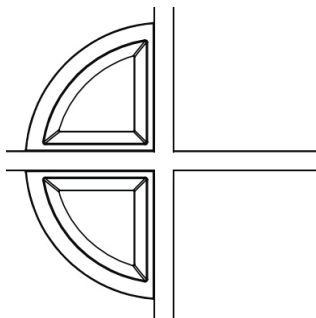
QuadT1-FR-AR-BR-CR-DR



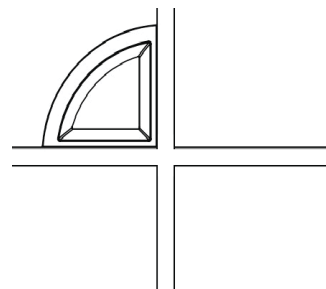
QuadT1-FR-AR-BR-CX-DR



QuadT1-FR-AR-BX-CR-DX



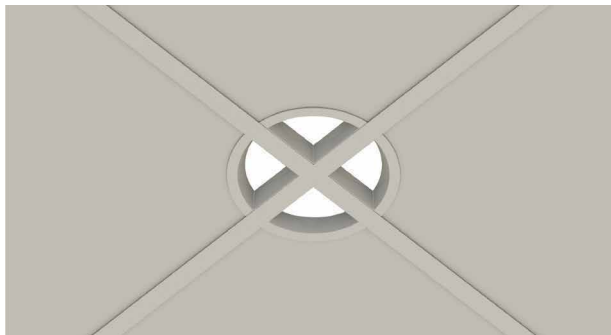
QuadT1-FR-AR-BX-CX-DR



QuadT1-FR-AR-BX-CX-DX

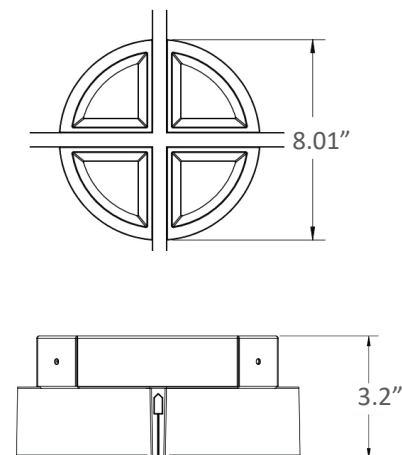
Housing Types

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

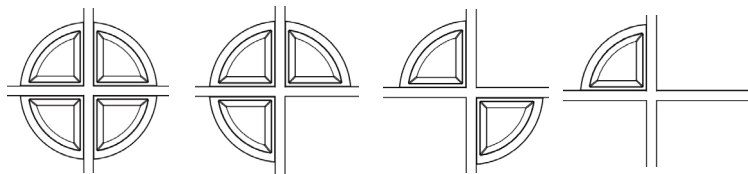
Weight

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

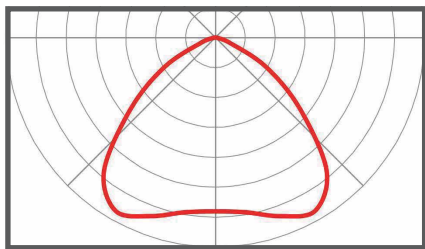
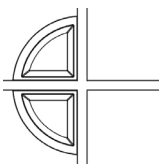
Beam Options

Contact factory for custom configurations

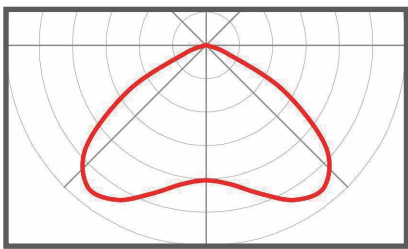
4, 3, 2D, 1 Quadrant Configurations



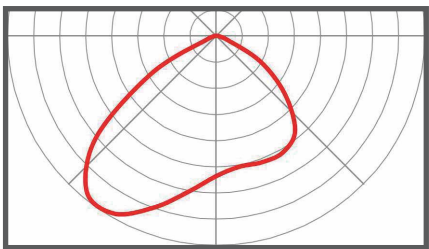
2 Quadrant Parallel



B1 - Medium



B1- Wide



B1- Asymmetric

Fixture Wattages

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

Bluetooth Technology



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

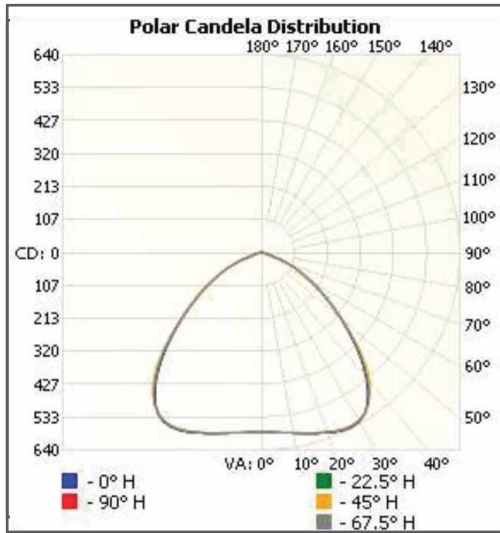
PoE Technology



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

Contact factory for compatibility of other PoE manufacturers

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

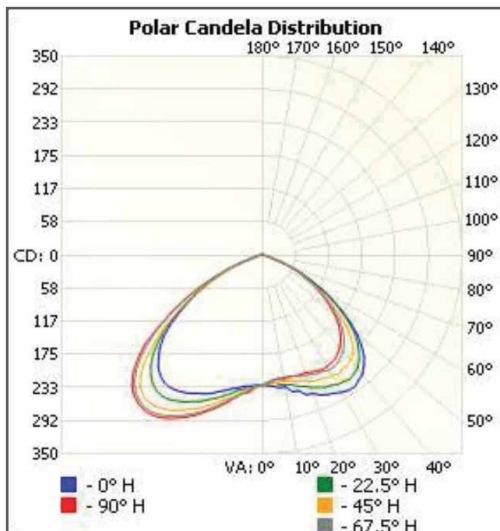


Configuration: 4 Quadrant
Lumens/Quadrant: 403
Total Lumens: 1613
Input Watts: 19.77 W
Efficacy: 81.6 lm/W

Vertical Angle	Horizontal Angles				
	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

Vertical Angle	Horizontal Angles				
	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