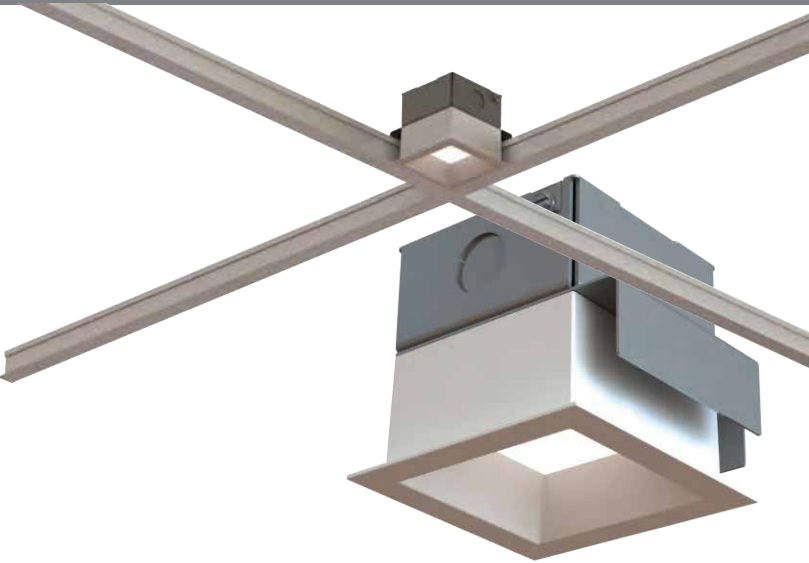


QUAD SOLO



Shown: QuadT1-FSQ-R...

Project: _____

Type: _____

Notes: _____

The **QUAD** SOLO Luminaire features a Patented mounting system over the intersection of the ceiling grid. The Quad Solo also mounts easily in drywall with a simple spring clip design and can be mounted in the center of ceiling panels.



Patent - US Utility Patent # 10,859,242
Patent - US Design Patent # D885650

Ordering Guide



| QuadT1 | | | | | | | |
|---------|------------------|---|---|--------------------|--------------------|--------|--|
| ARON ID | | MOUNTING | | QUAD TYPE | | LUMENS | |
| QuadT1 | QUAD SQUARE SOLO | F Flat Grid | R Regressed Lens | 250 | 250 Lumens @ 3.0W | | |
| | | SS Screw Slot Grid | DL Drop Lens *Specify Length .5" .75" 1" | 500 | 500 Lumens @ 6.0W | | |
| | | GYP Gypsum Ceiling | WW Wall Wash | 750 | 750 Lumens @ 9.1W | | |
| | | P Center of Ceiling Panel | SL Spotlight | 1000 | 1000 Lumens @13.1W | | |
| | | * Concealed grid intersection mounting is not supported | | SPK Speaker | | | |
| | | | SNR Sensor | | | | |

**For Drop Lens Ordering Guide, please see page 4

**For Wall Wash Ordering Guide, please see page 5

Important Ordering Notes:
For Armstrong Custom Tile Program - please see page 6 and coordinate with EC/GC



| BEAM | | COLOR / CRI | | VOLTAGE | | DRIVER | | FINISH | | EM/ACCESSORIES | |
|-----------|--------|-------------|------------------------------------|------------|---------------------|-------------|---------------------------------|------------|--------------|----------------|-----------------------------------|
| 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 | 347 | 347V | BT | Bluetooth Control | BLK | Matte Black | E10W | 10W EM Battery |
| | | 35K8 | 3500K - 80CRI | POE | Power over Ethernet | DMX | DMX Control | C | Custom Color | CP | Chicago Plenum |
| | | 40K8 | 4000K - 80CRI | | | LD2 | Lutron DALI-2 | | | AWN R | Athena Wireless Node RF Only |
| | | 27K9 | 2700K - 90CRI | | | LDE1 | Lutron EcoSystem (1% Dimming) | | | AWN S | Athena Wireless Node with Sensors |
| | | 30K9 | 3000K - 90CRI | | | PEQ0 | Lutron EcoSystem (0.1% Dimming) | | | | |
| | | 35K9 | 3500K - 90CRI | | | | | | | | |
| | | 40K9 | 4000K - 90CRI | | | | | | | | |
| | | RGBW | RGBW **Specify Static White CCT | | | | | | | | |

**Beam For Regressed Lens Option Only.

**EM Batteries are Removed
Add all Accessories/EM At the End of the Product Code.

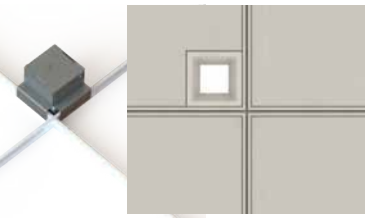
Mounting Types

Flat TBar Mounting



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

Screw Slot TBar Mounting



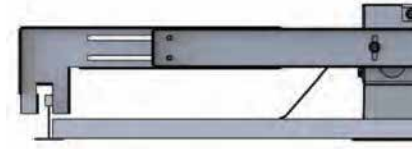
- Notate "SSSQ" in Ordering Guide
- Designed for Dimensional 9/16" Grids

Drywall - Trim



- Notate "GYP" in Ordering Guide
- Designed for all Hard Lid Ceilings Spring Clip Installation

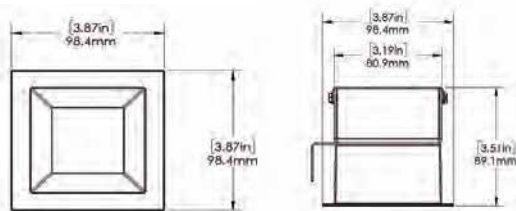
Center of Panel



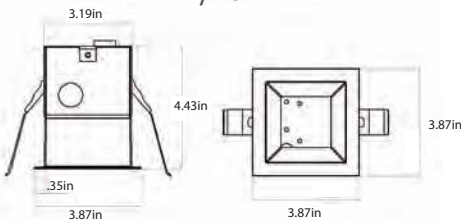
- Notate "P" in Ordering Guide
- Designed for Any Panel Size

Dimensions

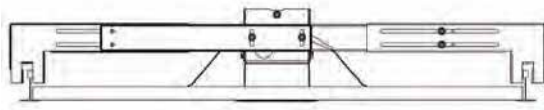
Grid



Drywall

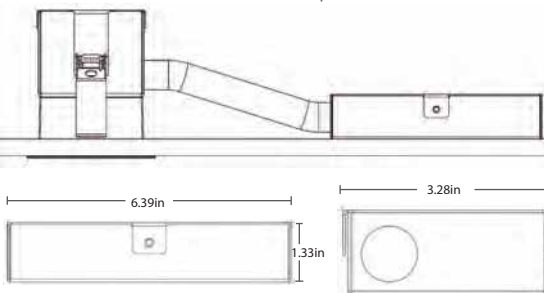


Center of Panel



High Lumen Output

*Used for Lumen Outputs >=750lm



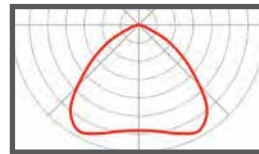
Side View 1

Side View 2

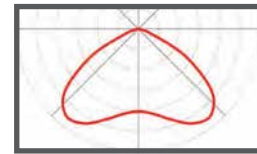
Beam Options

With an Edge Lit optical system, ARON Lighting's diffusion technology enables different beam options to fit various downlight applications.

*Available only for the Regressed Lens Type.



B2 - Medium



B3 - Wide

Bluetooth Technology



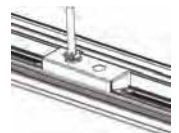
With our BubbyNet OEM partnership, realize the power of bluetooth lighting control! Offering wall controllers, integrated fixture sensors, tunable white/ rgbw control. Contact Factory for More



PoE Technology



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



Construction

- Cast Aluminum housing
- Powder coated paint
- Galvanized sheet metal components
- Mate with Flat 15/16", 9/16" and Dimensional 9/16" TBars
- Drywall and Center of Panel Installation
- Weight = 4.7 lbs

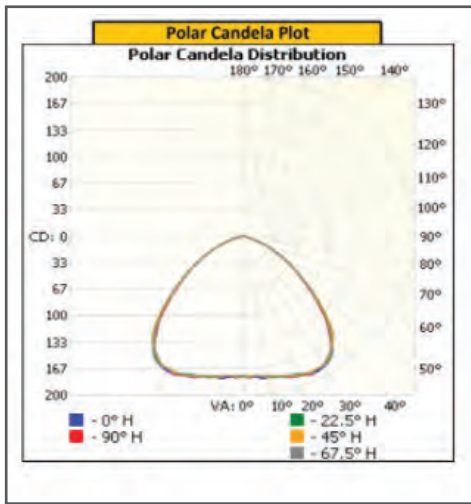
Optical

- Various Beam distributions
- Coated Acrylic light guide
- Coated Acrylic diffuser
- Thermoformed Diffuse Drop Lens
- 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

Model Tested: QuadT1-GYP-R-500-B2-35K8-UNV-DM-W



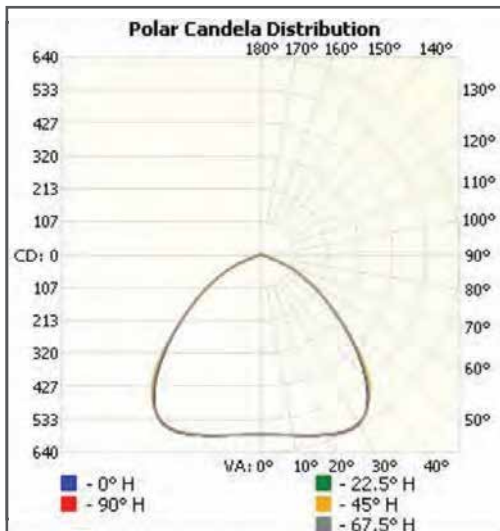
| Angle | 0 | 22.5 | 45 | 67.5 | 90 |
|-------|-----|------|-----|------|-----|
| 0 | 176 | 176 | 176 | 176 | 176 |
| 5 | 177 | 176 | 176 | 176 | 177 |
| 10 | 180 | 180 | 179 | 179 | 179 |
| 15 | 182 | 182 | 183 | 183 | 183 |
| 20 | 186 | 185 | 187 | 188 | 187 |
| 25 | 190 | 190 | 187 | 190 | 192 |
| 30 | 189 | 188 | 187 | 189 | 189 |
| 35 | 181 | 180 | 177 | 178 | 179 |
| 40 | 161 | 159 | 163 | 158 | 155 |
| 45 | 132 | 132 | 134 | 130 | 127 |
| 50 | 102 | 102 | 101 | 101 | 98 |
| 55 | 76 | 77 | 74 | 75 | 73 |
| 60 | 54 | 55 | 52 | 54 | 52 |
| 65 | 36 | 37 | 35 | 36 | 34 |
| 70 | 18 | 20 | 20 | 19 | 16 |
| 75 | 6 | 6 | 8 | 6 | 6 |
| 80 | 3 | 3 | 3 | 3 | 3 |
| 85 | 1 | 1 | 1 | 1 | 1 |
| 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 |

| Zone | Lumens | Luminaire |
|--------|--------|-----------|
| 0-30 | 156.0 | 32.5% |
| 0-40 | 266.6 | 55.5% |
| 0-60 | 434.6 | 90.5% |
| 60-90 | 45.7 | 9.5% |
| 70-100 | 10.1 | 2.1% |
| 90-120 | 0.0 | 0.0% |
| 0-90 | 480.3 | 100.0% |
| 90-180 | 0.0 | 0.0% |
| 0-180 | 480.3 | 100.0% |

Entire luminous intensity matrix found in .IES file

Configuration: 1 Quadrant
Lumens/Quadrant: 480
Total Lumens: 480
Input Watts: 9 W
Efficacy: 53.4 lm/W

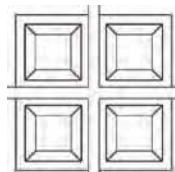
Model Tested: QuadT1-FSQ-ARB1W35K8400-BRB1W35K8400-CRB1W35K8400-DRB1W35K8400-UNV-DM-W



| 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 |

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



See QUAD Square Spec Sheet for Different Configurations.

QUAD TBar

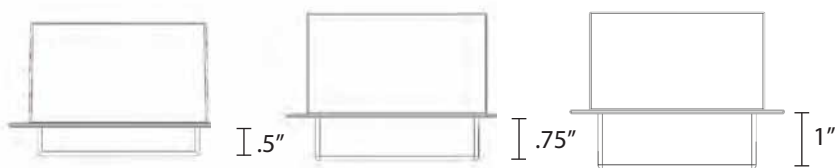
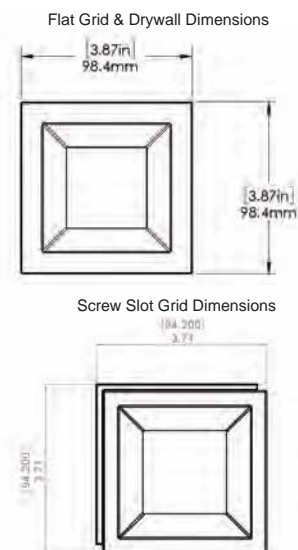
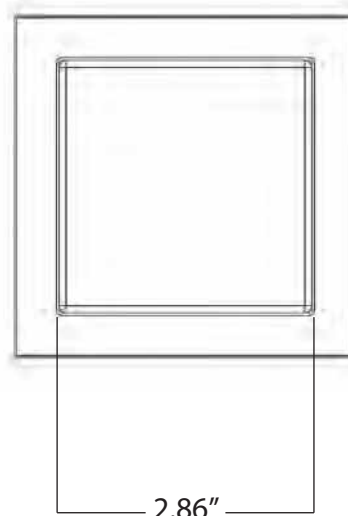
Lens Options

Drop Lens

The QUAD offers a new and unique look with its drop lens option. Made from thermoformed acrylic optimum light diffusion material, the drop lens creates a dimensional look within the ceiling while providing functional lighting. Drop lens lengths available in .5", .75", and 1"



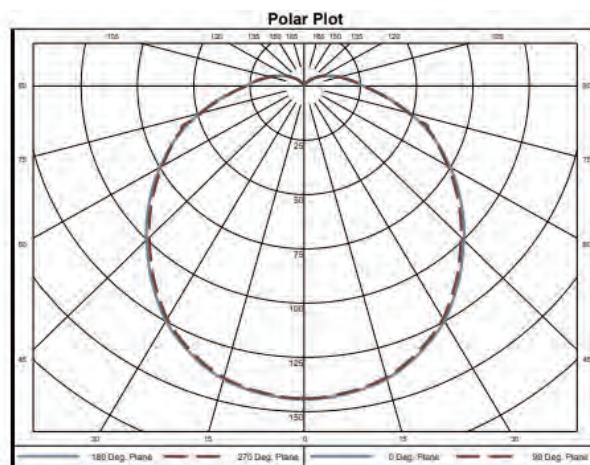
QuadT1-F-DL1"...



Model Tested:

QUADT1-F-DL1-500-35K8-UNV-DM-W

| Zone | Lumens | % of Luminaire |
|--------|--------|----------------|
| 0-40 | 187 | 32.7% |
| 0-60 | 341 | 59.8% |
| 0-90 | 504 | 88.3% |
| 90-180 | 67 | 11.7% |



Zonal Lumen Summary

| Zone | Lumens | % of Luminaire | Zone | Lumens | % of Luminaire | Zone | Lumens | % of Luminaire |
|-------|--------|----------------|---------|--------|----------------|---------|--------|----------------|
| 0-5 | 3.44 | 0.6% | 60-65 | 35.34 | 6.2% | 120-125 | 3.64 | 0.6% |
| 5-10 | 10.21 | 1.8% | 65-70 | 32.89 | 5.8% | 125-130 | 2.57 | 0.4% |
| 10-15 | 16.72 | 2.9% | 70-75 | 29.60 | 5.2% | 130-135 | 1.72 | 0.3% |
| 15-20 | 22.73 | 4.0% | 75-80 | 25.49 | 4.5% | 135-140 | 1.04 | 0.2% |
| 20-25 | 28.00 | 4.9% | 80-85 | 21.58 | 3.8% | 140-145 | 0.53 | 0.1% |
| 25-30 | 32.44 | 5.7% | 85-90 | 17.96 | 3.1% | 145-150 | 0.21 | 0.0% |
| 30-35 | 35.72 | 6.3% | 90-95 | 14.96 | 2.6% | 150-155 | 0.07 | 0.0% |
| 35-40 | 37.83 | 6.6% | 95-100 | 12.37 | 2.2% | 155-160 | 0.04 | 0.0% |
| 40-45 | 38.92 | 6.8% | 100-105 | 10.16 | 1.8% | 160-165 | 0.04 | 0.0% |
| 45-50 | 39.28 | 6.9% | 105-110 | 8.22 | 1.4% | 165-170 | 0.03 | 0.0% |
| 50-55 | 38.73 | 6.8% | 110-115 | 6.48 | 1.1% | 170-175 | 0.02 | 0.0% |
| 55-60 | 37.36 | 6.5% | 115-120 | 4.95 | 0.9% | 175-180 | 0.01 | 0.0% |

Drop Lens Wattage

- 250 250 Lumens @ 5.5W
- 400 400 Lumens @ 8.9W
- 500 500 Lumens @ 11.1W
- 750 750 Lumens @ 16.7W
- 1000 1000 Lumens @ 22.2W

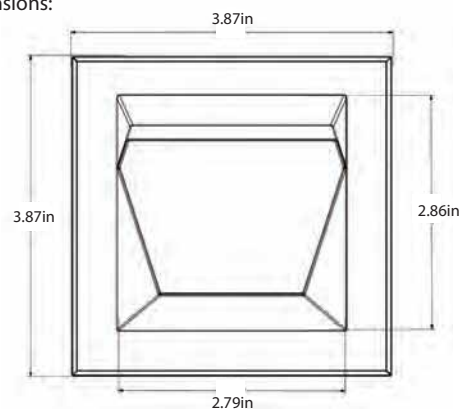
Lens Options

Wall Wash

General / Dimensions:

Material: Die Cast aluminum Casing, Powder Coat Finish
 Applications: Retail, Corridor, Restaurants, Commercial

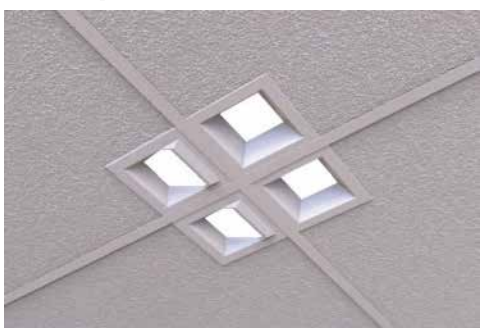
Dimensions:



Description

The QUAD Tbar Wall Wash Quadrant allows for great illumination across the vertical plane. The QUAD Wall Wash can be specified in a multi-directional form factor - see below for proper ordering instructions and examples.

Example Product Codes:



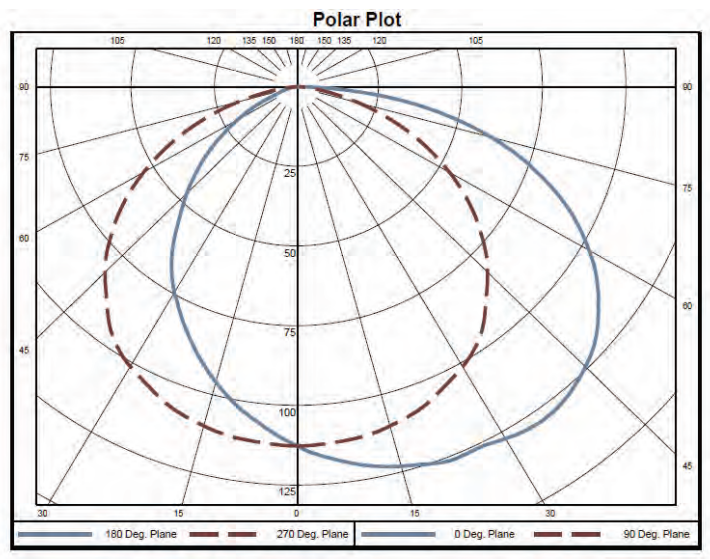
Page 1 QUAD Fixture Product Code:

QUADT1-FSQ-ARB1W35K8500-BRB1W35K8500-CWW1SW35K8500-DWW1SW35K8500-UNV-DM-W

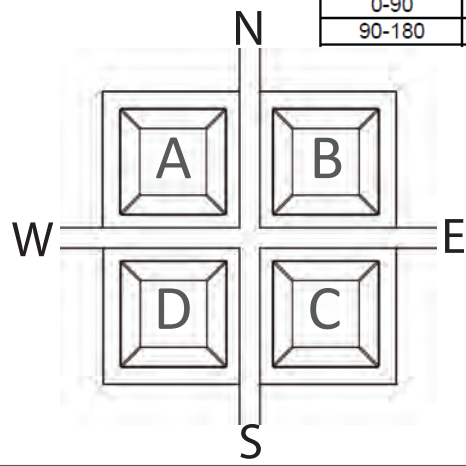


Page 1 QUAD Fixture Product Code:

QUADT1-FSQ-AX-BX-CWW1SW35K8500-DRB1W35K8500-500-B2-35K8-UNV-DM-W



| Zone | Lumens | % of Luminaire |
|--------|--------|----------------|
| 0-40 | 151 | 41.6% |
| 0-60 | 277 | 76.6% |
| 0-90 | 361 | 100.0% |
| 90-180 | 0 | 0.0% |



Specify Direction of the Wall Wash Quadrant In relation to the Fixture:
 For Example, if Wall Wash quadrant is specified in Quadrant C, Specify if this will face North, East, South, or West

FASTSIZE Tile Guide

FASTSIZE tiles made-to-order through your Armstrong rep

Coordinate with EC and GC for ordering tiles



The sizes you need...factory finished...one carton minimums... shipped fast!

SIZE FLEXIBILITY

- ✓ 4"-48" long and 4"-120" wide for panels
- ✓ 36"-144" for main beams
- ✓ 6"-144" for cross tees

FAST LEAD TIMES

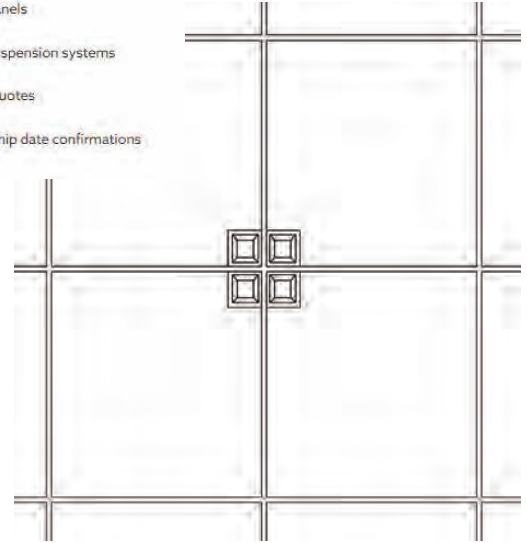
- ✓ 3 weeks for panels
- ✓ 2 weeks for suspension systems
- ✓ 24 hours for quotes
- ✓ 24 hours for ship date confirmations

24"x24" Quad Notched Tiles

| Armstrong Tile Style | Tile Lay | Armstrong Tile Number | ARON Fixture | ARON Precut Tile Number |
|-------------------------|----------|-----------------------|--------------|-------------------------|
| Ultima/ Ultima High NRC | Square | 1940 | QUAD Square | 1940-QSQ |
| Ultima/ Ultima High NRC | Tegular | 1941 | QUAD Square | 1941-QSQ |
| Lyra PB* | Square | 8372PB | QUAD Square | 8372PB-QSQ |
| Optima PB | Square | 3352 | QUAD Square | 3352-QSQ |
| Calla* | Tegular | 2824 | QUAD Square | 2824-QSQ |

* Directional Panel - Please consider direction when ordering through Armstrong

GC to Coordinate with EC and Armstrong Rep for ordering with ARON tile codes
Save on Install Time and Hassle - for any questions please contact rob.aronchick@aronlighting.com



*Below ceiling view

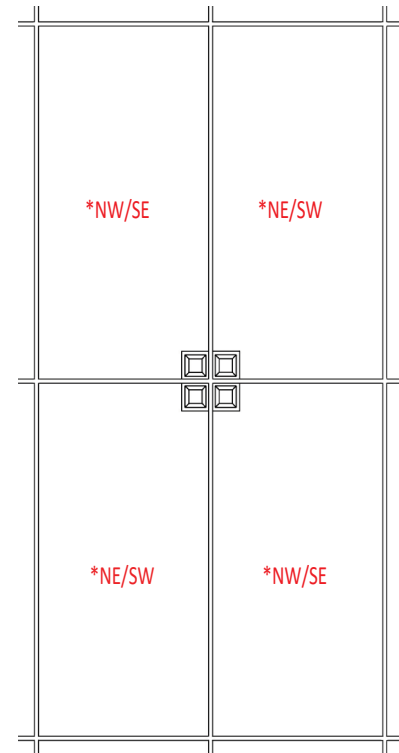
24"x48" Quad Notched Tiles

| Armstrong Tile Style | Tile Lay | Armstrong Tile Number | ARON Fixture | Con figuration | ARON Precut Tile Number |
|---------------------------|----------|-----------------------|--------------|----------------|-------------------------|
| Ultima/ Ultima High NRC** | Square | 1943 | QUAD Square | NE/SW | 1943-QSQ-NESW |
| Ultima/ Ultima High NRC** | Tegular | 1944 | QUAD Square | NE/SW | 1944-QSQ-NESW |
| Ultima/ Ultima High NRC** | Square | 1943 | QUAD Square | NW/SE | 1943-QSQ-NWSE |
| Ultima/ Ultima High NRC** | Tegular | 1944 | QUAD Square | NW/SE | 1944-QSQ-NWSE |
| Lyra PB*** | Square | 8373PB | QUAD Square | NE/SW | 8373PB-QSQ-NESW |
| Optima PB** | Square | 3353 | QUAD Square | NE/SW | 3353-QSQ-NESW |
| Optima PB** | Square | 3353 | QUAD Square | NW/SE | 3353-QSQ-NWSE |
| Calla*** | Tegular | 2825 | QUAD Square | NE/SW | 2825-QSQ-NESW |
| Calla*** | Tegular | 2825 | QUAD Square | NW/SE | 2825-QSQ-NWSE |

** Please Notify AWI of 2x4 Panel Grid Notch

***Directional Panel - Please Consider Direction when ordering through Armstrong. Notify AWI of 2x4 Panel Grid Notch

GC to Coordinate with EC and Armstrong Rep for ordering with ARON tile codes
Save on Install Time and Hassle - for any questions please contact rob.aronchick@aronlighting.com



*Below ceiling view

Spotlight Ordering Guide

Beam Adjustable Ordering Code

| PRODUCT ID | | CCT | | LUMENS | | FINISH | | DIMMING | |
|--------------------------|------|------|---------------|--------|-------------|--------|--------|---------|--------|
| Spotlight - Field Adj | SP01 | 27K9 | 2700K - 90CRI | 1200 | lumens (BA) | W | White | STD | No Dim |
| | | 30K9 | 3000K - 90CRI | | | BLK | Black | | |
| | | 35K9 | 3500K - 90CRI | | | SLV | Silver | | |
| | | 40K9 | 4000K - 90CRI | | | | | | |



Description

The QUAD Tbar Spotlight offers a unique solution to grid mounted accent lighting. Easily mount the fixture with or without other downlight quadrants at the intersection of any TBar grid system. There are multiple configurations available, with the ability to have 4 spotlights in 1 fixture.

We have Two OEM partners for our spotlight solution. The first, by LPA, offers a field adjustable beam angle, 14-50°, with high CRI. Available in 2700K-4000K. Obtain the perfect aim illumination angle for any solution with full horizontal rotation and up to 90° verticle adjustability.

Our Second, by Bruck Lighting, Offers various static beam angles, with different lumen outputs. The GX series offers variable accent light solutions while achieving an architecturally clean look in the QUAD Tbar Housing.

No more track needed - just drop the fixture on the TBar.

GX Series Ordering Code

| PRODUCT ID | | CCT | | LUMENS | | FINISH | | BEAM ANGLE | | DIMMING | |
|-------------------|------|------|---------------|--------|---------------|--------|--------|------------|------------|---------|--------|
| Spotlight - GX | SP02 | 27K9 | 2700K - 90CRI | 900 | lumens (GX10) | W | White | 20 | 20 Degrees | STD | No Dim |
| | | 30K9 | 3000K - 90CRI | 1150 | lumens (GX15) | BLK | Black | 38 | 38 Degrees | | |
| | | 35K9 | 3500K - 90CRI | 1800 | lumens (GX25) | SLV | Silver | 60 | 60 Degrees | | |
| | | 40K9 | 4000K - 90CRI | | | | | | | | |

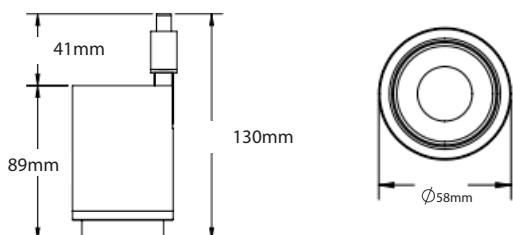
Include the Quantity and Product ID on Purchase Order Beneath
QUAD Product Ordered
** See Example Product Codes

For More Information or Further Ordering Questions,
Please Consult Factory

Beam Adjustable (BA) General / Dimensions:

- Light Output: Up to 1200lm
- Material: Die Cast aluminum Casing, Powder Coat Finish
- Aiming: 350° Horizontal Coverage and 90° Vertical Rotation
- Field Adjustable Beam: 14-50°
- Integral Driver
- Limited Warranty: 5 years
- LED Type: CREE CMA 1200 lm Chip

Dimensions:



GX Series General / Dimensions:

- Light Output: 900lm, 1150lm, 1800lm Options
- Material: Die Cast aluminum Casing, Powder Coat Finish
- Aiming: 350° Horizontal Coverage and 90° Vertical Rotation
- Static Beam : 20°, 38°, 60° Options
- Integral Driver
- Limited Warranty: 5 years

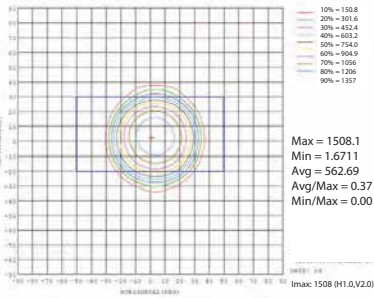


Spotlight Ordering Guide

Beam Adjustable (BA) Photometric and Performance Data

Input Voltage: 220
 Wattage: 15W
 Efficiency: 64.14 lm/W
 Current: 710mA

Polar Candela Distribution



Illuminance Cone Distribution

| Height | Eavg,Emax | Angle: 51.19deg | Diameter |
|--------------------|---------------|-----------------|-----------|
| Flux out: 732.1 lm | | | |
| 1 m | 979.6,15051x | | 95.80 cm |
| 2 m | 244.9,376.31x | | 191.60 cm |
| 3 m | 108.8,167.21x | | 287.40 cm |
| 4 m | 61.22,94.061x | | 383.20 cm |
| 5 m | 39.18,60.201x | | 479.00 cm |
| 6 m | 27.21,41.811x | | 574.80 cm |
| 7 m | 19.99,30.721x | | 670.60 cm |
| 8 m | 15.31,23.521x | | 766.40 cm |
| 9 m | 12.09,18.581x | | 862.20 cm |
| 10 m | 9.796,15.051x | | 958.00 cm |



Example Product Codes:



Page 1 QUAD Fixutre Product Code:

QUADT1-FSQ-ASL-BX-CX-DX-500-B2-35K8-UNV-DM-W

Page 7 Spotlight Product Code:

(qty:1) SP01-40K90-1500-W-ND

GX Series Photometric and Performance Data

GX10



Input Voltage: 120 AC
 Wattage: 10W
 Efficiency: 83 lm/W

GX15



Input Voltage: 120 AC
 Wattage: 15W
 Efficiency: 76 lm/W

GX25



Input Voltage: 120 AC
 Wattage: 22W
 Efficiency: 81 lm/W

See IES Files on www.aronlighting.com for Photometric Data on the GX10, 15, and 25



Page 1 QUAD Fixutre Product Code:

QUADT1-FSQ-AR-BR-CSL-DSL-500-B2-35K8-UNV-DM-W

Page 7 Spotlight Product Code:

(qty:2) SP01-35K9-1500-W-ND

Speaker Ordering Guide

| Speaker Addons | |
|----------------|--------|
| ARON PO ID | |
| Sub: | SB-01 |
| Receiver: | RE-01 |
| Mixer: | MIX-01 |



General / Dimensions:

Broad Coverage Pattern: 160°

Material: Die Cast aluminum Casing, Powder Coat Finish

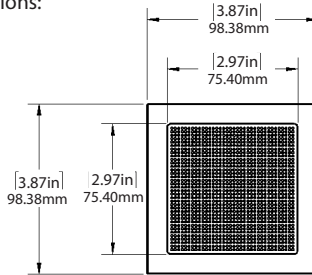
Driver: 60 mm (2.5 in) mid/high driver with butyl rubber surround
16-ohm allows for parallelling of multiple units on a low-Z amplifier

Applications: Retail, Corridor, Restaurants, Commercial

Grill: Many options in color and dimension for a reveal or flush aesthetic

Sub: Designed to be paired with 40CS/T subwoofer-satellite system

Dimensions:



Description

The QUAD Tbar Speaker offers a unique solution to grid mounted sound solutions. Easily mount the speaker with or without other downlight quadrants at the intersection of any TBar grid system. There are multiple configurations available, recommended to have one speaker in one fixture..

No more need for cluttered ceilings at the center of the tile - just drop the fixture and speaker on the TBar. Only a single dropdown required for these various technologies!

Our speaker partner, JBL, is well renowned within the sound industry. This integrated partnership pairs great light quality with equally competitive sound quality in quite a small form factor.



Example Product Codes:



Page 1 QUAD Fixture Product Code:

QUADT1-FSQ-ASPK-BR-CR-DR-500-B2-35K8-UNV-DM-W



Page 1 QUAD Fixture Product Code:

QUADT1-FSQ-ASPK-BX-CX-DX-500-B2-35K8-UNV-DM-W

***Subwoofer, Receiver, and Mixer Available**

Speaker Ordering Guide

Specifications and Performance Data

System:

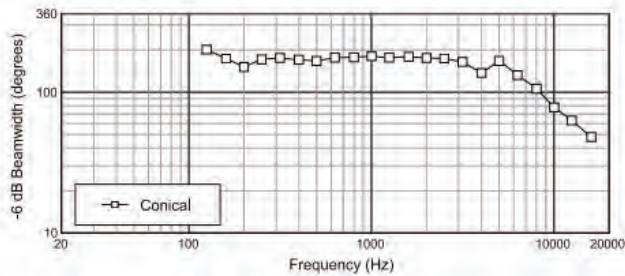
- Frequency Range (-10 dB): 140 Hz - 20 kHz
- Frequency Response (± 3 dB): 180 Hz - 17 kHz 1m/W
- Power Capacity: 30W Continuous Program Power
15W Continuous Pink Noise
- Nominal Sensitivity (2.83V/1m): 82 dB
- Nominal Coverage Angle: 160° conical coverage
- Directivity Factor (Q): 6.6
- Directivity Index (DI): 6.8 dB
- Rated Maximum SPL: 94 dB @ 1m (3.3 ft) average, 114 dB peak
- Rated Impedance: 16 ohms

Transducer

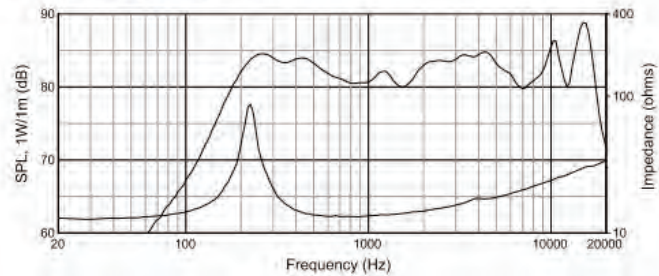
- Driver: 60 mm (2.5 in) with polypropylene cone, butyl rubber surround, copper-clad coil, vented aluminum former



Beamwidth:

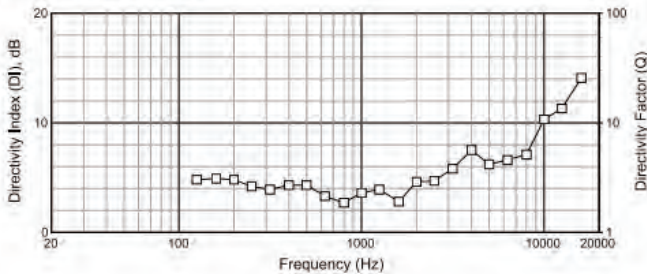


Frequency Response:



Half-space (2pi, mounted in ceiling)

Directivity Index:



Off-Axis Frequency Response:

