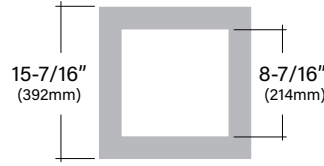


QIVI™ Q3S-11D
1' x 1' Direct Architectural Shape



Key Features

- 6063-T6 Extruded aluminum housing
- Highly reflective = white painted reflector
- Room side maintenance for LED system
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 16.6 lbs.
- Buy American Act compliant



Example Part #: Q3S-11D-A-N-830HO-AS448JB-U-OL2-1-0-W

Q3S-11D



--		N		-----		-----	
DIRECT SHIELDING		INDIRECT SHIELDING		CRI, CCT & OUTPUT		MOUNTING ¹	
A - Flat Satine Lens HE - High Efficiency Lens HED - Descent Lens Shielding pg. 2		N - None Shielding pg. 2		27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K CL - Custom Lumens CW - Custom Watts Lumen Output pg. 2 Example: 830HO is 8 = 80 CRI; 30 = 3000K; HO = High Output; Blank = Standard Output		AS4 - 4 AC to Grid, JB, or ST AH4 - 4 AC w/hub to Grid, JB, or ST Mounting pg. 3	
-		---		-		---	
VOLTAGE		DRIVER		CIRCUITING		BATTERY & EMERGENCY	
U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V Voltage pg. 3		FSD - Factory Select Driver (1%, 0-10v) PL2 - Advance Xitanium (1%, 0-10v) EE1 - eldoLED ECoDrive (1%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) OL2 - Osram (1%, 0-10v) Driver pg. 3		1 - Single Circuit E - Emergency (entire fixture) N - Night Light (entire fixture) Circuiting pg. 4		0 - None 1PLR - Bodine 7w Remote 1G - Bodine GTD FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD Battery and Emergency pg. 4	
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FINISH		FIXTURE OPTIONS		CONTROLS			
W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color Finish pg. 4		AM - Antimicrobial Paint GMF - Slow Blow Fuse CC-C - Custom Color Canopy Fixture Options pg. 4		Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.			

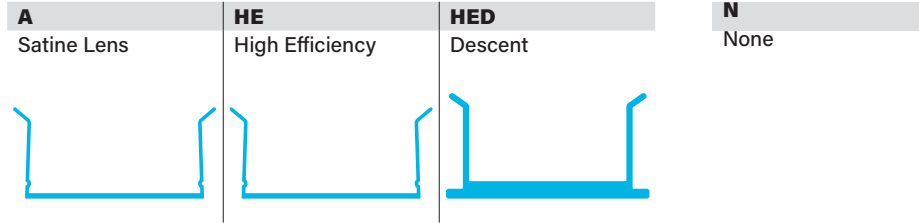
¹Example: AS448JB. AS4 = 4 Aircraft Cables, 48" = 48" long cables, JB = connects to junction box. Standard AC cable lengths are 48" and 120", field adjustable.

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



Direct Shielding

Indirect Shielding



CRI, CCT & Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory.
- 80 CRI = R9≥19 and 90 CRI = R9≥61

Custom Output - Lumens OR Wattage

CL _____	Specify CRI, CCT and desired lumens (i.e. CL835500)	<i>Specify lumens between standard offering listed below. Lumens are specified per color temp</i>
CW _____	Specify CRI, CCT and desired wattage (i.e. CW9407)	<i>Specify watts between standard offering listed below</i>

80 CRI

	Color	Lumens	Shielding					
			A		HE		HED	
			Satine LPW	Watts	High Efficiency LPW	Watts	Descent LPW	Watts
830	3000K	2000	87.7	22.8	100.0	20.0	80.6	24.8
830HO	3000K	3000	85.2	35.2	97.4	30.8	79.8	37.6
830VHO	3000K	4000	84.7	47.2	97.1	41.2	76.3	52.4
835	3500K	2000	90.9	22.0	102.0	19.6	82.0	24.4
835HO	3500K	3000	88.2	34.0	100.0	30.0	78.9	38.0
835VHO	3500K	4000	87.0	46.0	99.0	40.4	77.5	51.6
840	4000K	2000	92.6	21.6	104.2	19.2	82.0	24.4
840HO	4000K	3000	89.3	33.6	101.4	29.6	80.6	37.2
840VHO	4000K	4000	87.7	45.6	100.0	40.0	78.1	51.2

90 CRI

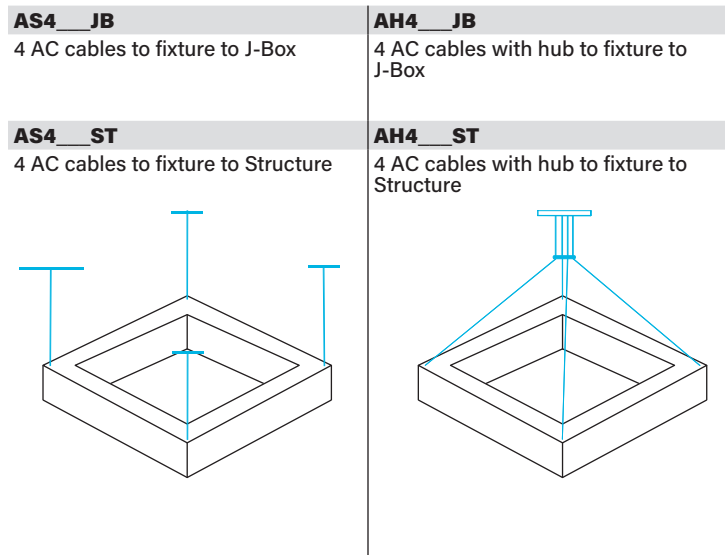
927	2700K	2000	74.6	26.8	82.0	24.4	67.6	29.6
927HO	2700K	3000	73.5	40.8	80.6	37.2	66.4	45.2
930	3000K	2000	75.8	26.4	84.7	23.6	69.4	28.8
930HO	3000K	3000	75.8	39.6	83.3	36.0	68.2	44.0
935	3500K	2000	78.1	25.6	87.7	22.8	70.4	28.4
935HO	3500K	3000	77.3	38.8	85.2	35.2	70.1	42.8
940	4000K	2000	76.9	26.0	86.2	23.2	70.4	28.4
940HO	4000K	3000	77.3	38.8	85.2	35.2	69.4	43.2

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Mounting

- Aircraft cables mount directly to a standard junction box or structure
- Canopies, hubs, and pendants match fixture finish, power cords are white, grey, or black depending on fixture finish. See Finish section for additional details
- AC canopies can be installed below the ceiling plane or semi-recessed into the ceiling for a flush mount installation, no specification required (see below)
- Must specify cable length, either 48" or 120" standard, field adjustable
- Designed to install into acoustical grid and inaccessible ceilings
- Tie off fixture to structure with retention wires
- Maximum fixture weight is 16.6 lbs



AH4 Canopy Options

- The canopy can be installed either below the ceiling plane or semi-recessed into the ceiling for a flush mount installation
- Standard kit can be installed either way
- Flush canopy installation is not available for fixtures installed below a grid rail



Voltage

- Some QIVI configurations will not accommodate all voltage options; consult with factory

U	Universal
1	120 volt
2	277 volt
3	347 volt

Driver

- Standard Driver Option = PL2
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more Driver options, see Pinnacle Resource Guide
- Some QIVI configurations will not accommodate all driver options; consult with factory

0-10V Drivers	
FSD	Factory Select Driver 1%, 0-10v
PL2	Signify Advance Xitanium 1%, 0-10v
OL2	Osram Optotronic, 1%, 0-10v
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE2	eldoLED ECOdrive 1%, 0-10v Linear
DALI Drivers	
EE3	eldoLED SOLOdrive .1%, DALI (logarithmic)
EE4	eldoLED SOLOdrive .1%, DALI (linear)
Lutron Drivers	
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
LH4	Lutron Hi-Lume 1%, 2-wire, Lutron-LTEA2W, 120v only
Alternate Drivers	
EH1	ELV 120v only, 0-10v universal

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Q3S-11D_LED_SPEC_OCT2021



Circuiting

- Select fixture circuiting from options below
- Some QIVI configurations will not accommodate all circuiting options; consult with factory

1	Single Circuit
E	Emergency Circuit only
N	Night Light Circuit only

Battery

0	No battery
1PLR	Bodine 7w Remote (CEC Listed)
1G	Bodine GTD, Generator Transfer Device
FSG	Factory Select ALCR, Automatic Load Control Relay
GI	Iota ETS DR, Emergency Lighting Control Device
GB	Bodine GTD, Emergency Lighting Control Device

Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

W	White <i>(white cord/white canopy)</i>
S	Metallic Silver <i>(grey cord/silver canopy)</i>
BL	Textured Black <i>(black cord/black canopy)</i>
BR	Bronze <i>(white cord/bronze canopy)</i>
GR	Graphite <i>(white cord/graphite canopy)</i>
CC	Custom Color <i>(white cord/color match canopy)</i>

Fixture Options

- Additional options to enhance the fixture and finish of the product

AM	Antimicrobial Paint
GMF	Internal Slow Blow Fuse
CC-C	Custom Color Canopy

Controls

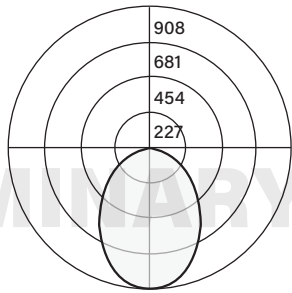
- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.



Photometrics

High Efficiency Lens

Test #	PRELIMINARY
Catalog #	Q3S-11D-840
Lumens	2000 lm
Watts	19.2 W
Efficacy	104 LPW



Approvals & Certifications

Construction: 6063-T6 Extruded aluminum housing. Highly reflective steel white painted reflector.

Shielding: Diffuse snap-in acrylic lens, removable for maintenance.

Mounting: Designed to install into acoustical grid and inaccessible ceilings. Tie off fixture to structure with retention wires. Maximum fixture weight is 16.6 lbs

LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. L70 = 136,200 hours and L90 = 41,100 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at pinnacle-ltg.com.

CRI, CCT & Output: Two lumen packages available. Standard and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 80 CRI = R9≥19 and 90 CRI = R9≥61.

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify OL4 in Driver section when 347 volt (3) is selected. Some QIVI configurations will not accommodate all voltage options; consult with factory.

Driver: Standard Driver Option is Osram 0-10V, 1% = PL2. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 120°F/49°C. For more driver options,

see Pinnacle Resource Guide. Some QIVI configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), Emergency circuit (E) or Night Light circuit (N). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some QIVI configurations will not accommodate all circuiting options, consult with factory.

Finish: Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes. Canopies painted white unless specified differently in the options section of the part number. Contact factory for additional custom color and finish options.

Controls: Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

Labels: UL and cUL Listed. STD, HO and VHO lumen packages are approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 16.6 lbs.

Buy American Act Compliant

Warranty: QIVI offered with a 5-year limited warranty. Covers LED, driver and fixture.