

**CALIFORNIA TITLE 24
BROCHURE**



CONTRASTE

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JA8



ABOUT CONTRASTE

Established in 1989, Contraste is a leading North American manufacturer of quality lighting products delivering superior, lasting value for residential, light commercial, large scale commercial and institutional applications. The company offers a broad range of stylish recessed, pendant and wall mount luminaires, as well as mouth-blown decorative glass shades. Contraste is especially well-known for providing much appreciated design flexibility to lighting professionals and their customers. See for yourself.

WHAT IS JA8?

Joint Appendix 8 of the Title 24 California's residential Building Energy Efficiency Standards defines the requirements for the high efficacy lighting to be installed in Californian residential buildings as of January 1st, 2017.

WHAT HAS CHANGED?

- **LIGHTING CONTROL REQUIREMENTS**
At least one JA8 light source in bathrooms, garages, laundry rooms and other utility rooms must be controlled by a vacancy sensor, and all lighting, in all rooms except hallways, must be controlled by dimmers or vacancy sensors.
- **HIGH EFFICACY LIGHTING**
All areas of the residential buildings must be high efficacy, and all light sources must be identified as "efficient" under the 2016 Title 24 standards, including pin base CFL, GU24 CFL, and HID. No screw base sockets recessed downlights are permitted under the new standards.
- **LED and JA8**
All dedicated LED fixtures that have been tested and approved by the California Energy Commission, therefore listed in the California Appliance Database, are JA8 compliant.

Decorative fixtures with a screw base socket, excluding recessed downlights, comply if a JA8-2016 or JA8-2016-E marked bulb is installed.

CONTRASTE'S JA8 PRODUCTS

The spirited and inspired look of Ardito trims integrates perfectly with bold or clean interiors, thanks to its wide variety of sizes, beams and color temperatures, as well as the many finishes offered for the distinguished and finely designed trims. Look and performance are allied in this elegant line, providing two performances for more flexibility.

Urbaï's classic and timeless lines achieve the perfect halogen lamp fixture replacement. This series benefits from Contraste's 27 years of manufacturing recessed light fixtures. Designed to provide optimal performance along with visual comfort, Urbaï is ideal for residential and soft commercial applications.

JAB 2016 QUALIFICATION REQUIREMENTS FOR HIGH EFFICACY LIGHT SOURCES¹

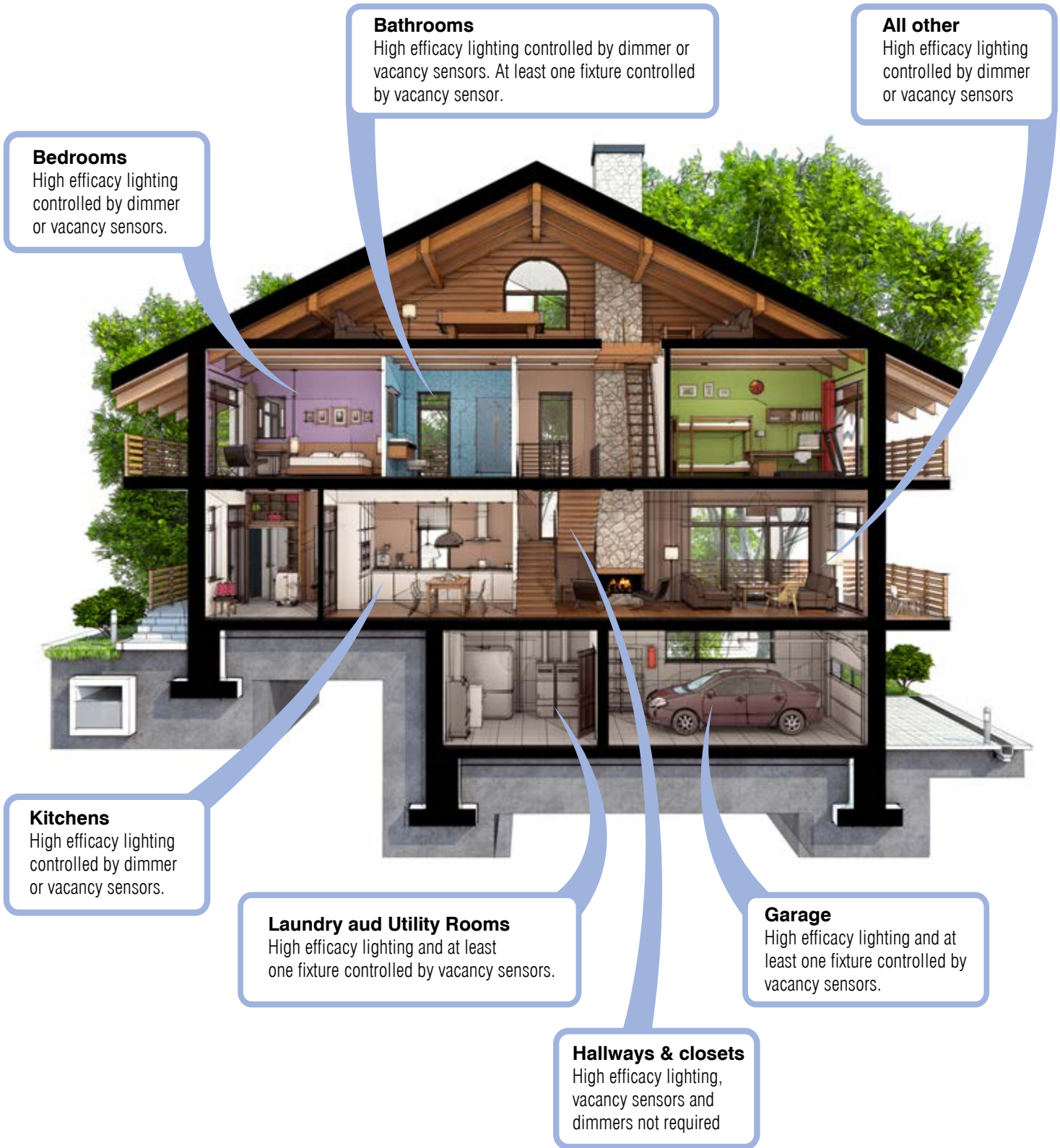
SPECIFICATION	REQUIREMENTS	CONTRASTE'S PERFORMANCE
Initial Efficacy	≥ 45 lm/W	Up to 104 lm/W
Power Factor at Full Rated Power	≥ 0.90	Up to 0,99
Correlated Color Temperature (CCT)	Dedicated LED : ≤ 4,000K	2,700K, 3,000K, 3,500K, 4,000K
ΔU'V'	± 0.0033 or less	± 0.0015
Color Rendering Index (CRI)	≥ 90	90+ (93 typical)
R9	≥ 50	Up to 57
Rated Life	≥ 15,000 hours	50,000 hours
Minimum Dimming Level	≤ 10%	≤ 10%
Flicker	≤ 30% for 200Hz or below, at 100% and 20% light output	Below 15%

¹CALIFORNIA LIGHTING TECHNOLOGY CENTER. WHAT'S NEW IN THE 2016 CODE RESIDENTIAL LIGHTING. Changes to mandatory lighting requirements in California's 2016 Building Energy Efficiency Standards, Davis, University of California, Davis, 2016, pp2-3.

ROOM	VACANCY	DIMMER
Bathroom	At least one	Yes
Kitchen	Optional	Yes
Laundry and utility rooms	At least one	Yes
Garage	At least one	Yes
Hallways and closets	Optional	Optional
All other	Optional	Yes

Please note this information applies to Contraste's JAB approved products. Lighting controls requirements per room and per light source type may apply for other manufacturers. For more information about Joint Appendix 8 and the California's Building Energy Efficiency Standards code, visit energy.ca.gov/title24/2016standards

ROOM-BY-ROOM JA8 REQUIREMENTS



TRIMS

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM

	90+ CRI	 K	 3 SDCM	 S - 16° M - 32° L - 48°	 0-10V	 Performance 1 (10W) Performance 2 (15W)	120V	MG	 10W: 1,100 lm max 15W: 1,400 lm max	
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UR3A
ROUND ADJUSTABLE TRIM



UR3B
SQUARE ADJUSTABLE TRIM



UR3D
ROUND ADJUSTABLE
REGRESSED TRIM



UR3E
ROUND DOWNLIGHT
REGRESSED TRIM



UR3C
ROUND SHOWER TRIM

	90+ CRI	 K	 3 SDCM	 L - 48°	 0-10V	 Performance 1 (10W) Performance 2 (15W)	120V	MG	 10W: 900 lm max 15W: 1,150 lm max	
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WITH CLEAR LENS

HOUSINGS

REUR3-120D1 (10W)
REMODEL IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



NWUR3-120D1 (10W)
NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)

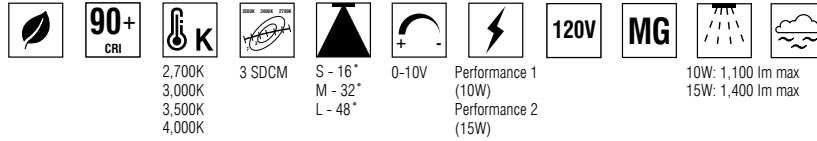


ISUR3-120D1 (10W)
ISUR3-120D2 (15W)
CLASSIC NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



TRIMS

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM



UR4A
ROUND ADJUSTABLE TRIM



UR4B
SQUARE ADJUSTABLE TRIM



UR4D
ROUND ADJUSTABLE REGRESSED TRIM



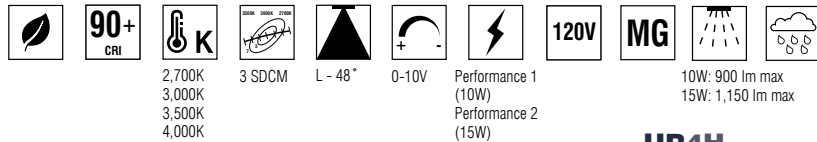
UR4E
ROUND DOWNLIGHT REGRESSED TRIM



UR4J
SQUARE DOWNLIGHT REGRESSED TRIM WITH SQUARE OPENING



UR4L
SQUARE ADJUSTABLE REGRESSED TRIM WITH SQUARE OPENING



UR4C
ROUND SHOWER TRIM



WITH CLEAR LENS

UR4H
SQUARE SHOWER TRIM WITH SQUARE OPENING



WITH CLEAR LENS

HOUSINGS

REUR4-120D1 (10W)
REMODEL IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



NWUR4-120D1 (10W)
NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



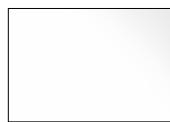
ISUR4-120D1 (10W)
ISUR4-120D2 (15W)
CLASSIC NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



URBAÏ COMPATIBILITY CHART

URBAÏ																
TRIMS	CCT				CRI	BEAM			LENS		HOUSINGS					
	2,700K	3,000K	3,500K	4,000K	90+	SPOT	NARROW FLOOD	FLOOD	CLEAR	NO LENS	REUR3-120D1	REUR4-120D1	NWUR3-120D1	NWUR4-120D1	ISUR3-120D1 ISUR3-120D2	ISUR4-120D1 ISUR4-120D2
UR3A	X	X	X	X	X	X	X	X		X	X		X		X	
UR3B	X	X	X	X	X	X	X	X		X	X		X		X	
UR3C	X	X	X	X	X			X	X		X		X		X	
UR3D	X	X	X	X	X	X	X	X		X	X		X		X	
UR3E	X	X	X	X	X	X	X	X		X	X		X		X	
UR4A	X	X	X	X	X	X	X	X		X		X		X		X
UR4B	X	X	X	X	X	X	X	X		X		X		X		X
UR4C	X	X	X	X	X			X	X			X		X		X
UR4D	X	X	X	X	X	X	X	X		X		X		X		X
UR4E	X	X	X	X	X	X	X	X		X		X		X		X
UR4H	X	X	X	X	X			X	X			X		X		X
UR4J	X	X	X	X	X	X	X	X		X		X		X		X
UR4L	X	X	X	X	X	X	X	X		X		X		X		X

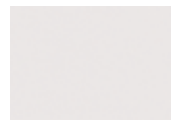
URBAÏ TRIM FINISHES



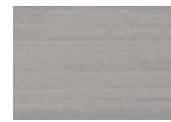
-01
White



-04BR
Brushed Chrome



-11
Matte White



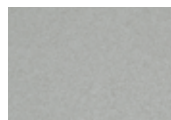
-12BR
Brushed Nickel



-13
Satin Nickel



-22
Matte Black



-25
Polar Grey

URBAÏ REFLECTOR FINISHES

PAINTED



11
Matte White



22
Matte Black











AN
Natural Anodized
Aluminum

ARDITO **JA8** round

2.5"

TRIMS

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM

	90+ CRI						120V	MG		
		2,700K 3,000K 3,500K 4,000K	3 SDCM	S - 15° M - 24° L - 36° V - 60°	0-10V	Performance 1 (14W)			14W: 1375 lm	

A2RFR

ULTRA-THIN PROFILE ROUND
REGRESSED TRIM



A2RFR-TR (FLANGELESS)

ULTRA-THIN PROFILE ROUND
REGRESSED TRIM



A2RAF

ULTRA-THIN PROFILE ROUND
ADJUSTABLE TRIM



A2RAR









ULTRA-THIN PROFILE ROUND
ADJUSTABLE REGRESSED TRIM



A2RAR-TR (FLANGELESS)

ULTRA-THIN PROFILE ROUND
ADJUSTABLE REGRESSED TRIM



	90+ CRI						120V	MG		
		2,700K 3,000K 3,500K 4,000K	3 SDCM	S - 15° M - 24° L - 36° V - 60°	0-10V	Performance 1 (14W)			14W: 1375 lm	

A2RSF

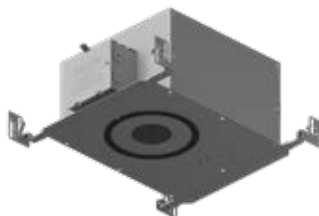
ULTRA-THIN PROFILE ROUND REGRESSED SHOWER TRIM



WITH CLEAR LENS

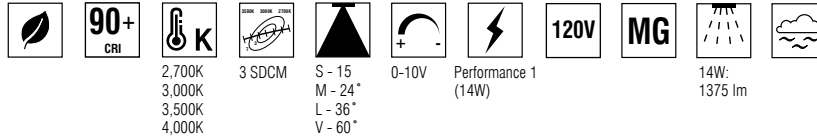
HOUSINGS

ICAT0R2-ARV1 (14W)
CLASSIC NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



TRIMS

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM



A2SFR
ULTRA-THIN PROFILE SQUARE
REGRESSED TRIM



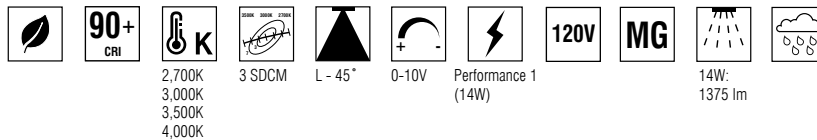
A2SFR-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
REGRESSED TRIM



A2SAR
ULTRA-THIN PROFILE SQUARE
ADJUSTABLE REGRESSED TRIM



A2SAR-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
ADJUSTABLE REGRESSED TRIM



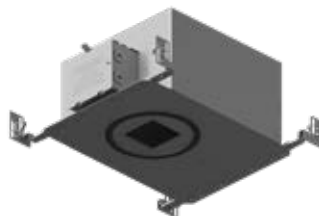
A2SSF
ULTRA-THIN PROFILE SQUARE REGRESSED SHOWER TRIM



WITH CLEAR LENS

HOUSINGS

ICATOS2-ARV1 (14W)
CLASSIC NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)

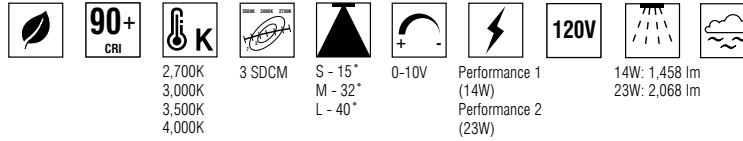


ARDITO **JA8** round

3.5"

TRIMS

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM



A3RAF
ULTRA-THIN PROFILE ROUND
ADJUSTABLE TRIM



A3RAF-TR (FLANGELESS)
ULTRA-THIN PROFILE ROUND
ADJUSTABLE TRIM



A3RAR
ULTRA-THIN PROFILE ROUND
ADJUSTABLE REGRESSED TRIM



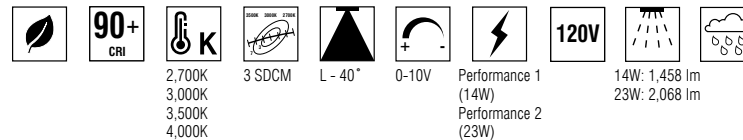
A3RAR-TR (FLANGELESS)
ULTRA-THIN PROFILE ROUND
ADJUSTABLE REGRESSED TRIM



A3RFR
ULTRA-THIN PROFILE ROUND
REGRESSED TRIM



A3RFR-TR (FLANGELESS)
ULTRA-THIN PROFILE ROUND
REGRESSED TRIM



A3RSF
ULTRA-THIN PROFILE ROUND
REGRESSED SHOWER TRIM



WITH CLEAR LENS

A3RSF-TR (FLANGELESS)
ULTRA-THIN PROFILE ROUND
REGRESSED SHOWER TRIM

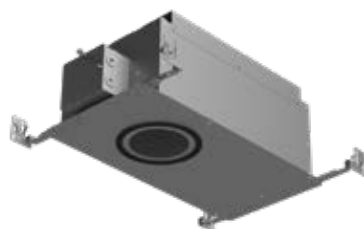


WITH CLEAR LENS

HOUSINGS

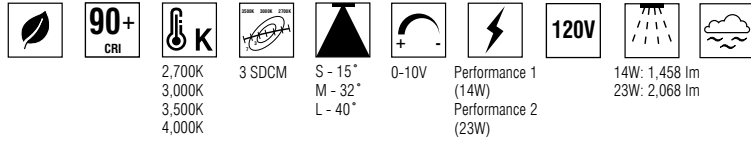
ICAT6R3-ARV1 (14W) / **ICAT6R3-ARV2** (23W)

CLASSIC NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)

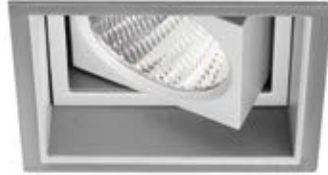


TRIMS

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM



A3SAR
ULTRA-THIN PROFILE SQUARE
ADJUSTABLE REGRESSED TRIM



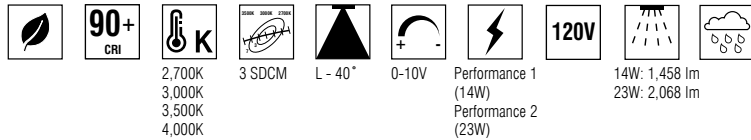
A3SAR-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
ADJUSTABLE REGRESSED TRIM



A3SFR
ULTRA-THIN PROFILE SQUARE
REGRESSED TRIM



A3SFR-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
REGRESSED TRIM



A3SSF
ULTRA-THIN PROFILE SQUARE
REGRESSED SHOWER TRIM



WITH CLEAR LENS

A3SSF-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
REGRESSED SHOWER TRIM



WITH CLEAR LENS

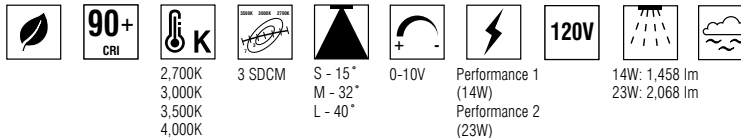
HOUSINGS

ICAT6S3-ARV1 (14W) / **ICAT6S3-ARV2** (23W)
CLASSIC NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



TRIMS

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM



A4RAF

ULTRA-THIN PROFILE ROUND ADJUSTABLE TRIM



A4RAF-TR (FLANGELESS)

ULTRA-THIN PROFILE ROUND ADJUSTABLE TRIM



A4RAR

ULTRA-THIN PROFILE ROUND ADJUSTABLE REGRESSED TRIM



A4RAR-TR (FLANGELESS)

ULTRA-THIN PROFILE ROUND ADJUSTABLE REGRESSED TRIM



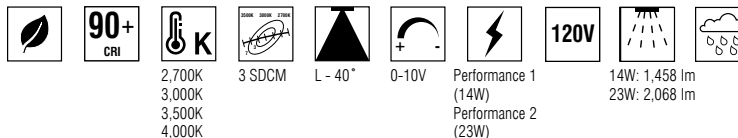
A4RFR

ULTRA-THIN PROFILE ROUND REGRESSED TRIM



A4RFR-TR (FLANGELESS)

ULTRA-THIN PROFILE ROUND REGRESSED TRIM



A4RSF

ULTRA-THIN PROFILE ROUND REGRESSED SHOWER TRIM



WITH CLEAR LENS

A4RSF-TR (FLANGELESS)

ULTRA-THIN PROFILE ROUND REGRESSED SHOWER TRIM



WITH CLEAR LENS

HOUSINGS

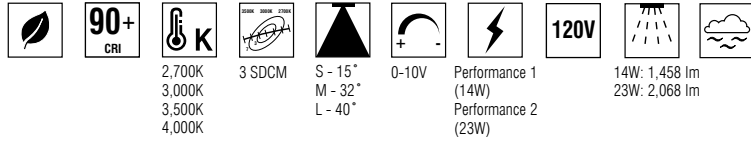
ICAT6R4-ARV1 (14W) / ICAT6R4-ARV2 (23W)

CLASSIC NEW CONSTRUCTION IC
 AIR TIGHT, TITLE 24
 0-10V SINKING CONTROL (120V)

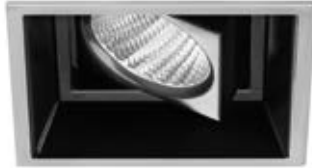


TRIMS

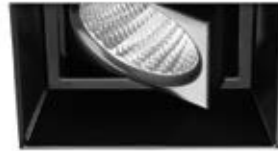
FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM



A4SAR
ULTRA-THIN PROFILE SQUARE
ADJUSTABLE REGRESSED TRIM



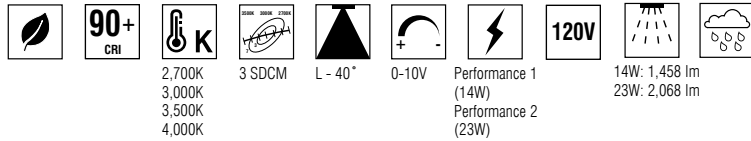
A4SAR-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
ADJUSTABLE REGRESSED TRIM



A4SFR
ULTRA-THIN PROFILE SQUARE
REGRESSED TRIM



A4SFR-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
REGRESSED TRIM



A4SSF
ULTRA-THIN PROFILE SQUARE
REGRESSED SHOWER TRIM



WITH CLEAR LENS

A4SSF-TR (FLANGELESS)
ULTRA-THIN PROFILE SQUARE
REGRESSED SHOWER TRIM



WITH CLEAR LENS

HOUSINGS

ICAT6S4-ARV1 (14W) / **ICAT6S4-ARV2** (23W)
CLASSIC NEW CONSTRUCTION IC
AIR TIGHT, TITLE 24
0-10V SINKING CONTROL (120V)



ARDITO COMPATIBILITY CHART

ARDITO																	
TRIMS	CCT					CRI	BEAM				LENS	HOUSINGS					
	FLANGELESS	2,700K	3,000K	3,500K	4,000K	90+	SPOT	NARROW FLOOD	FLOOD	WIDE FLOOD	CLEAR	ICAT0R2	ICAT0S2	ICAT6R3-ARV1 ICAT6R3-ARV2	ICAT6S3-ARV1 ICAT6S3-ARV2	ICAT6R4-ARV1 ICAT6R4-ARV2	ICAT6S4-ARV1 ICAT6S4-ARV2
A2RFR/TR	X	X	X	X	X	X	X	X	X	X	X	X					
A2RAF		X	X	X	X	X	X	X	X	X	X	X					
A2RAR/TR	X	X	X	X	X	X	X	X	X	X	X	X					
A2RSF		X	X	X	X	X			X		X	X					
A2SFR/TR	X	X	X	X	X	X	X	X	X	X	X		X				
A2SAR/TR	X	X	X	X	X	X	X	X	X	X	X		X				
A2SSF		X	X	X	X	X			X		X		X				
A3RAF/TR	X	X	X	X	X	X	X	X	X		X			X			
A3RAR/TR	X	X	X	X	X	X	X	X	X		X			X			
A3RFR/TR	X	X	X	X	X	X	X	X	X		X			X			
A3RSF/TR	X	X	X	X	X	X			X		X			X			
A3SAR/TR	X	X	X	X	X	X	X	X	X		X				X		
A3SFR/TR	X	X	X	X	X	X	X	X	X		X				X		
A3SSF/TR	X	X	X	X	X	X					X				X		
A4RAF/TR	X	X	X	X	X	X	X	X	X		X					X	
A4RAR/TR	X	X	X	X	X	X	X	X	X		X					X	
A4RFR/TR	X	X	X	X	X	X	X	X	X		X					X	
A4RSF/TR	X	X	X	X	X	X			X		X					X	
A4SAR/TR	X	X	X	X	X	X	X	X	X		X						X
A4SFR/TR	X	X	X	X	X	X	X	X	X		X						X
A4SSF/TR	X	X	X	X	X	X			X		X						X

ARDITO TRIM FINISHES



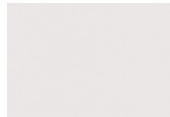
-03
Gold Plated 24K



-04
Chrome



-04BR
Brushed Chrome



-11
Matte White



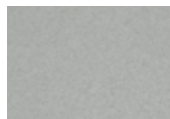
-12BR
Brushed Nickel



-13
Satin Nickel



-22
Matte Black



-25
Polar Grey
(only with 2.5" trims)

ARDITO REFLECTOR FINISHES

(3.5", 4" only)

PAINTED



AN
Natural Anodized
Aluminum



11
Matte White



22
Matte Black

SPECULAR



BK
Black



CL
*Clear

*Available only with Round trims



LITZ

JA8 round

2", 3" and 4"

FOR COMPLETE DETAILS SEE SPEC SHEETS OR BROCHURE AT WWW.CONTRASTLIGHTING.COM

TRIM 2"

CIRG20
LED ADJUSTABLE DOWNLIGHT



TRIM 3"

CIRG30
LED ADJUSTABLE DOWNLIGHT



TRIM 4"

CIRG40
LED ADJUSTABLE DOWNLIGHT



LITZ (LED ADJUSTABLE DOWNLIGHT) TRIM FINISHES

-11 Matte White **-13** Satin Nickel **-22** Matte Black

LEGEND



LED SOURCE



COLOR RENDERING INDEX



COLOR TEMPERATURE



COLOR BINNING



BEAM



TILT



DIMMING



PERFORMANCE



VOLTAGE



DELIVERED LUMENS



DAMP LOCATION



WET LOCATION



MARINE GRADE

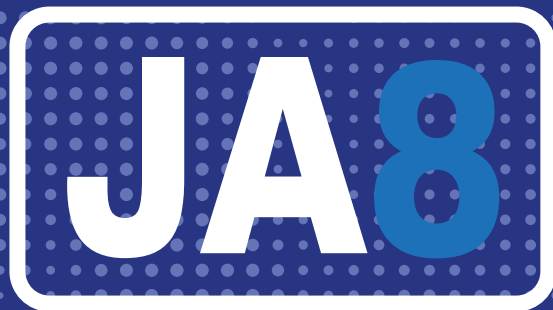
MARINE GRADE TREATMENT – 2-year warranty on finish

This option increases the painted finishes resistance by reducing and delaying apparition and propagation of oxidation (ex: rust and others).

MARINE GRADE treatment is recommended for damp to wet locations.

Unless otherwise indicated, trims are for interior use. Also suitable for cold and exterior locations, as in soffits, where fixtures are not subject to direct rain or snow exposure.

WARNING – This option is not suitable for saline environments and/or highly corrosive areas such as soffits in coastal regions and natatoriums. Such usage would void warranty on the product.



CONTRASTE

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