

SPECIFICATION SHEET

Ardito LED - A3RSF

3-1/2" Series

Ultra-Thin Profile Round Regressed Shower Trim

Project _____

Notes _____

Fixture Type _____

Date _____



WITH FLANGE

A3RSF-1111 - XXX (illustrated)



FLANGELESS TRIM

A3RSF-TR11 - XXX (illustrated)

Round, 3-1/2" high efficiency regressed shower dimmable LED downlight trim. May be installed with a low profile ultra-thin flange or flangeless trim in configuration for insulated, non-insulated and remodel (non-IC) ceilings.



SPECIFICATIONS

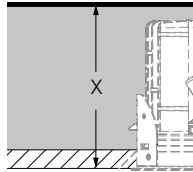
COLOR TEMPERATURES	2,700K - 3,000K - 3,500K - 4,000K
CRI	90+

POWER SUPPLY	120V - 277V One driver model available in two performances (14W and 23W) and offering 2 dimming options: ELV: 120V (14W and 23W) (120V only) 0-10V: 120V (14W and 23W) (120V only) Consult housing specification sheet for more details
--------------	---

Requires a 6-1/2" (165 mm) clearance beyond the ceiling level 0.036" (0.91 mm) galvanized steel housing

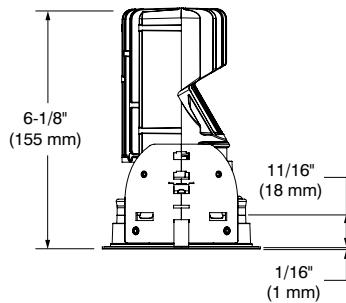
HOUSING DETAILS

Perfect fit into ceiling

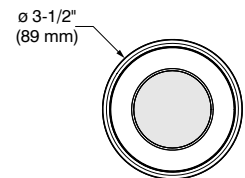
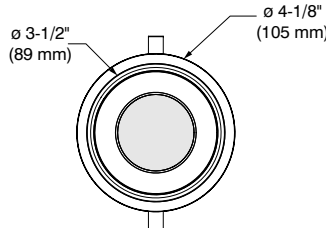
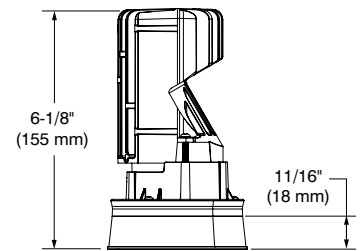


Each part of the housing should be at LEAST 3" (76 mm) from insulation (non-IC configurations)
Can fit in ceilings up to 1-1/2" (38 mm) thick
Junction box is accessible from below the ceiling for ease of maintenance

WITH FLANGE



FLANGELESS TRIM



CONTRASTE

1009, rue du Parc Industriel
Lévis (Québec) G6Z 1C5 Canada
Tel.: 1-888-839-4624
Fax.: 1-877-839-7057
contrastlighting.com
info@contrastlighting.com

© 2017 Contrast Lighting M.L. Inc.
All rights reserved

Contrast Lighting M.L. Inc reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

Ardito LED - A3RSF

3-1/2" Series

Ultra-Thin Profile Round Regressed Shower Trim



SPECIFICATIONS (CONT'D)

	Remodel Housing	New Construction Housing	Insulated Housing	Ceiling thickness suggested for insulated housing as a using standard.
COMPATIBLE HOUSINGS	Performance 1	REA3V1	NWA3RV1	* ISA3RV1
	Performance 2	REA3V2	NWA3RV2	* ISA3RV2
				* Ceiling thickness must be at least 1/4" (6.4 mm) for insulated housing as a using standard.

For dimming, please visit our Web site frequently to find our dimmer compatibility list: www.contrastlighting.com

MUD-IN-PLATE

MIPA3R (sold separately)
Consult housing specification sheet for more details.

DELIVERED LUMENS

Performance 1 (14W) Standard: 1,055 lumens @ 3,000K, 45.7 lm/W
Performance 2 (23W) Standard: 1,524 lumens @ 3,000K, 66.13 lm/W
Lumenetix (12.5W): up to 700 lumens

LED ARRAY

Standard:
Lumileds Luxeon CoB 1205 GEN2 or CoB 1203 GEN2 (Spot Beam Only) delivers a lumen maintenance greater than 70% after 50,000 hours of operation (L_{70}) and provides a high quality true color and a clean white light without hot spots. Color binning within 3 steps on MacAdam ellipse which surpasses ANSI binning requirements.

TRIM FINISHES

Powder coated paint or plated die formed steel.
Different finishes available: 24K Gold Plated **(-03)**, Chrome **(-04)**, Brushed Chrome **(-04BR)**, Matte White **(-11)**, Brushed Nickel **(-12BR)**, Satin Nickel **(-13)** and Matte Black **(-22)**

FLANGELESS TRIM

Steel mud-in-plate for flangeless trim, allows you to apply plaster up to Ardito fixture opening edges.
For this option, please refer to ordering code.

REFLECTOR FINISHES

Specular	Painted	
Clear (CL)	Matte White (11)	Natural Anodized Aluminum (AN)
	Matte Black (22)	Noir (BK)

OPTIC SYSTEM

Interchangeable optional lenses available to customize your lighting.
Choice of available lenses: Standard - Frosted (included)
Lens (sold separately): Clear, Frosted, Honeycomb, Linear, Pismatic, Solite (refer to page 6 for more details)

* Consult .ies files on our Website for more details.

CONTRASTE

1009, rue du Parc Industriel
Lévis (Québec) G6Z 1C5 Canada
Tel.: 1-888-839-4624
Fax.: 1-877-839-7057
contrastlighting.com
info@contrastlighting.com

© 2017 Contrast Lighting M.L. Inc.
All rights reserved

Contrast Lighting M.L. Inc reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

SPECIFICATION SHEET

Ardito LED - A3RSF

3-1/2" Series

Ultra-Thin Profile Round Regressed Shower Trim

SPECIFICATIONS (CONT'D)

HEAT SINK	High quality aluminum injected heat sink ensuring maximum heat dissipation
THERMAL PROTECTION	Performance 1: TC 212°F (100°C) Performance 2: TC 212°F (100°C)
CEILING CUTOUT	ø 3-3/4" (95 mm)
CERTIFICATION	<ul style="list-style-type: none"> cULus E343977 for wet locations Certified Air Tight ASTM E283
WARRANTY	1 year on components against manufacturing defects 5 years on LED arrays and drivers

CONTRASTE

1009, rue du Parc Industriel
Lévis (Québec) G6Z 1C5 Canada
Tel.: 1-888-839-4624
Fax.: 1-877-839-7057
contrastlighting.com
info@contrastlighting.com

© 2017 Contrast Lighting M.L. Inc.
All rights reserved

Contrast Lighting M.L. Inc reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

Ardito LED - A3RSF

3-1/2" Series

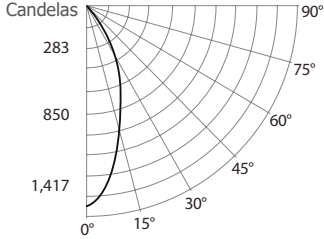
Ultra-Thin Profile Round Regressed Shower Trim

PHOTOMETRIC DATA



3,000K, 90+ CRI, Flood, Performance 1

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
04'	98,6	3,2'
08'	24,6	6,4'
12'	11,0	9,6'
16'	6,2	12,9'

Beam: 44°
Beam Edge defined as 50% of Maximum Nadir Candle-power.

LUMINAIRE

Performance 1 LED	3,000K Flood	
CBCP / Lumens	1,629.9 / 1,055.6	
Watts	120V	277V
	14,08W	14,32W
Operating AMPS	0.19A	0.084A
Lumen Maintenance	L70 @ 50,000 Hrs	
CRI	90+	
Lumens/Watt	45.7	
Spacing Criteria	0.97	

COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
RCR	0	121	121	113	113	108	108
	2	104	100	99	96	96	94
	4	91	85	88	83	86	82
	6	80	74	78	73	75	72
	8	71	65	70	64	69	64
	10	64	58	63	58	62	57

Zonal Cavity Method

Effective Floor Cavity Reflectance 20%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	762.0	71.1%
0-40	941.2	87.9%
0-60	1,059.2	98.9%
60-90	11.9	1.1%
0-90	1,071.0	100%

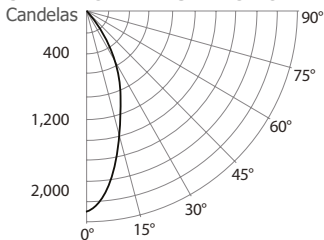
CANDELAS DISTRIBUTION

DEGREES/ VERTICAL	CANDELAS
0	1,577
5	1,437
10	1,232
15	1,000
20	770
25	560
30	381

DEGREES/ VERTICAL	CANDELAS
40	153
50	57
60	22
70	2
80	0
90	0

3,000K, 90+ CRI, Flood, Performance 2

CANDLEPOWER DISTRIBUTION



LIGHT CONE

Distance	FC	DIA
04'	142.5	3.2'
08'	35.6	6.5'
12'	15.8	9.7'
16'	8.9	13.0'

Beam: 44°
Beam Edge defined as 50% of Maximum Nadir Candle-power.

LUMINAIRE

Performance 2 LED	3,000K Flood	
CBCP / Lumens	2,350 / 1,524.3	
Watts	120V	277V
	23,05W	23,29W
Operating AMPS	0.10A	0.08A
Lumen Maintenance	L70 @ 50,000 Hrs	
CRI	90+	
Lumens/Watt	66.13	
Spacing Criteria	0.99	

COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
RCR	0	121	121	113	113	108	108
	2	104	100	99	96	96	94
	4	91	85	88	83	86	82
	6	80	74	78	73	75	72
	8	71	65	70	64	69	64
	10	64	58	63	58	62	57

Zonal Cavity Method

Effective Floor Cavity Reflectance 20%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	1,100.5	71.1%
0-40	1,359.3	87.9%
0-60	1,530.0	98.9%
60-90	16.7	1.1%
0-90	1,546,97	100%

CANDELAS DISTRIBUTION

DEGREES/ VERTICAL	CANDELAS
0	2,280
5	2,078
10	1,778
15	1,442
20	1,113
25	810
30	552

DEGREES/ VERTICAL	CANDELAS
40	222
50	84
60	31
70	3
80	0
90	0

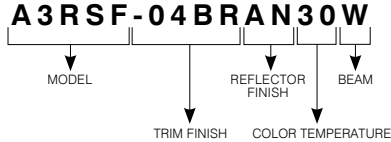
Ardito LED - A3RSF

3-1/2" Series

Ultra-Thin Profile Round Regressed Shower Trim



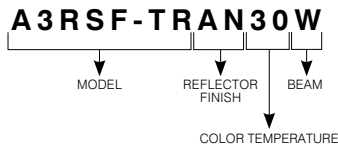
TRIM WITH FLANGE CODIFICATION EXAMPLE



TRIM WITH FLANGE ORDERING CODE **A3RSF**

MODEL	TRIM FINISHES	REFLECTOR FINISHES	COLOR TEMPERATURES	BEAM
A3RSF				W
A3RSF	-03 24K Gold Plated	Specular	27 2,700K	W Flood (44°)
	-04 Chrome	CL Clear	30 3,000K	
	-04BR Brushed Chrome		35 3,500K	
	-11 Matte White	Painted	40 4,000K	
	-12BR Brushed Nickel	11 Matte White		
	-13 Satin Nickel	22 Matte Black		
	-22 Matte Black	AN Natural Anodized Aluminum		
		BK Black		

FLANGELESS TRIM OPTION CODIFICATION EXAMPLE



FLANGELESS TRIM OPTION ORDERING CODE **A3RSF-TR** (see next page for mud-in-plate ordering code)

MODEL	REFLECTOR FINISHES	COLOR TEMPERATURES	BEAM
A3RSF-TR			W
A3RSF-TR	Specular	27 2,700K	W Flood (44°)
	CL Clear	30 3,000K	
		35 3,500K	
	Painted	40 4,000K	
	11 Matte White		
	22 Matte Black		
	AN Natural Anodized Aluminum		
	BK Black		

SPECIFICATION SHEET

Ardito LED - A3RSF

3-1/2" Series**Ultra-Thin Profile Round Regressed Shower Trim**ORDERING CODE for lenses

For future on-site modifications of the light distribution.

Lenses (to modify light diffusion)Clear: **104036**Prismatic: **104039**Frosted: **317240** (included)Honeycomb: **104040**Linear: **104037**Solite: **104038**ORDERING CODE for Mud-in-Plate**MIPA3R**

Consult housing specification sheet for more details.

CONTRASTE

1009, rue du Parc Industriel
Lévis (Québec) G6Z 1C5 Canada
Tel.: 1-888-839-4624
Fax.: 1-877-839-7057
contrastlighting.com
info@contrastlighting.com

© 2017 Contrast Lighting M.L. Inc.
All rights reserved

Contrast Lighting M.L. Inc reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.