

SPECIFICATION SHEET

Ardito LED - A2SSF

2-1/2" Series

Ultra-Thin Profile Square Regressed Shower Trim

Project _____

Notes _____

Fixture Type _____

Date _____



A2SSF-11-XXX (illustrated)

Ultra-Thin Profile Round Regressed Shower Trim 2-1/2" high efficiency dimmable LED downlight. Offered in Remodel configuration (NON-IC), with optional mounting plate for new construction configuration (NON-IC) and new construction (IC).



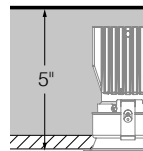
SPÉCIFICATIONS

COLOR TEMPERATURE 2,700K - 3,000K - 3,500K - 4,000K

CRI 90+

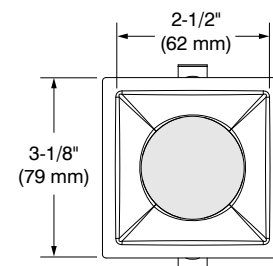
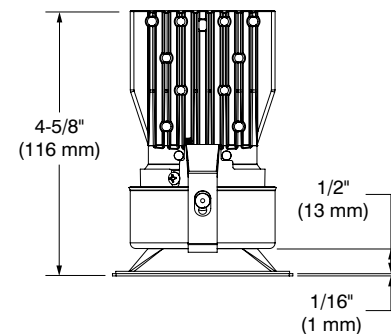
POWER SUPPLY 120V - 277V
One driver available in performance 1 (14W) and offering 2 dimming options within the same unit:
ELV: 120V (14W) (120V only)
0-10V: 120V (14W) (120V/277V)
Consult housing specification sheet for more details.

Requires a 5" (127 mm) clearance beyond the ceiling level when used with remodel housing.



HOUSING DETAILS Each part of the housing should be at LEAST 3" (76 mm) from insulation (Non-IC configurations).

Can fit in ceiling from 1/2" (12 mm) to 1-3/8" (35 mm) thick. Accessible from below the ceiling for ease of maintenance.

**CONTRASTE**

2017-09

PRINTED IN CANADA

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SPECIFICATIONS (CONT'D)

	Remodel Housing	Insulated Air Tight Housing (Title 24)				
COMPATIBLE HOUSING	Performance 1 (14W)	ICAT0S2-ARV1				
	REA2V1					
	For dimming, please visit our Web site frequently to find our suggested compatible dimmers: www.contrastlighting.com					
DELIVERED LUMENS	Performance 1 (14W): 823 lumens @ 3,000K, 62.3 lm/W					
LED ARRAY	Lumileds Luxeon CoB 1203 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), Brushed Chrome (-04BR), Matte White (-11), Brushed Nickel (-12BR), Satin Nickel (-13), Matte Black (-22) and Natural Anodized Aluminum (-AN)					
OPTIC SYSTEM	Interchangeable optional optical reflectors and lenses available to customize your lighting. Choice of available lens: Frosted (F) (included) Optical reflector available:					
	<table border="1"> <thead> <tr> <th></th> <th>Beam</th> </tr> </thead> <tbody> <tr> <td>Flood (W)</td> <td>48°</td> </tr> </tbody> </table>			Beam	Flood (W)	48°
	Beam					
Flood (W)	48°					
	Average beam shown. Consult .ies files on our Web site for more details.					
HEAT SINK	High quality aluminum injected heat sink ensuring maximum heat dissipation					
CEILING CUTOUT	2-5/8" (67 mm) x 2-5/8" (67 mm) — Flanged Trim 3-3/16" (81 mm) x 3-3/16" (81 mm) — Flangeless Trim Included: Cardboard cutout template Optional: Reusable steel cutout template for square trim (TEMP-SQ)					

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2-1/2" Series

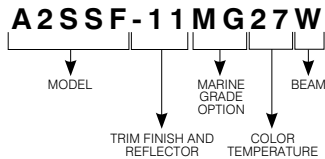
Ultra-Thin Profile Square Regressed Shower Trim



SPECIFICATIONS (CONT'D)

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

CODIFICATION EXAMPLE



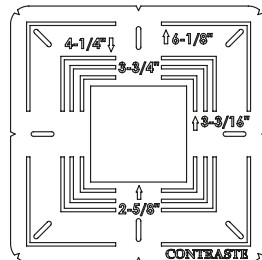
ORDERING CODES **A2SSF**

MODEL	TRIM AND REFLECTOR FINISHES	MARINE GRADE	COLOR TEMPERATURES	BEAM
A2SSF				W
A2SSF	-03 24K Gold Plated -04BR Brushed Chrome -11 Matte White -12BR Brushed Nickel -13 Satin Nickel -22 Matte Black -AN Natural Anodized Aluminum	MG (optional) May be applied on finishes: -11, 22 and -AN	27 2,700K (90 of CRI) 30 3,000K (90 of CRI) 35 3,500K (90 of CRI) 40 4,000K (90 of CRI)	W Flood (48°)

REUSABLE TEMPLATE OPTION

Reusable steel cutout template for square trim

Code: **TEMP-SQ**



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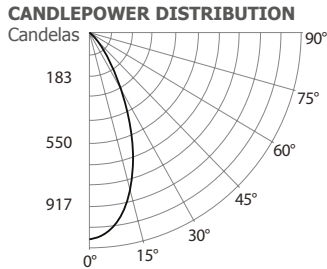
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PHOTOMETRIC DATA



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



LIGHT CONE

Distance	FC	DIA
06'	29.3	5.4
08'	16.48	7.1
10'	10.55	8.9
12'	7.32	10.7
14'	5.38	12.5
16'	4.12	14.3

Beam: 48°
Beam Edge defined as 50% of Maximum Nadir Candle-power.

LUMINAIRE

Performance 1 LED	3,000K Flood
CBCP / Lumens	1,055 / 823
Watts	120V 277V 13.21W 13.71W
Operating AMPS	0.11A 0.049A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	90+
Lumens/Watt	62.3
Spacing Criteria	0.81

COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80	50	30				
Wall Reflect %	50	30	50	30	50	30	
RCR	0	119	119	111	111	106	106
	2	101	97	96	93	93	91
	4	87	81	84	79	82	78
	6	76	70	74	69	72	68
	8	67	61	66	60	65	60
	10	60	54	59	54	58	53

Zonal Cavity Method
Effective Floor Cavity Reflectance: 20%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	543.7	66.1%
0-40	689.7	83.8%
0-60	790.8	96.1%
60-90	32.2	3.9%
0-90	823.0	100%

MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	39	0.59
6'	22	0.33
7'	15	0.23
8'	15	0.23
9'	10	0.15

38' x 38' x 10' Room. Workplan located 2-1/2' (30").
Reflectance factor 80%/50%/30%

CANDELAS DISTRIBUTION

DEGREES/VERTICAL	CANDELAS	DEGREES/VERTICAL	CANDELAS
0	1,055	40	145
5	1,016	50	51
10	930	60	26
15	805	70	15
20	653	80	5
25	494	90	0
30	346		