

# PRESTO™ THREE LED AA NSP

recessed LED spotlight remodeler



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## FEATURES

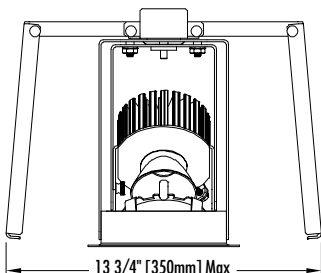
- **Presto Three LED AA NSP is a 3" aperture LED remodeler spotlight.** Recess depth is 6 7/8" to 7 3/4", varying directly with ceiling thickness.
- **Luminaire is powered by a Xicato XTM (9 mm) LED module,** distinguished by extraordinary color consistency (within 1 x 2-step MacAdam ellipse). See tables on the next page for luminaire wattages and efficacies.
- **Luminaire may be ordered with one of a number of drivers.**
- **Luminaire includes an internal reflector to produce a 14° or 24° beam-spread.** To allow beamspread to be changed after installation, internal reflectors are also available as accessories. Luminaire provides 0 – 45° angular adjustment (or tilt) and 50° rotation. Once focused, adjustment can be locked in place by means of a thumb nut.
- **Conical external reflector design minimizes aperture brightness.** Standard external reflector, cut at 25°, is designed for maximum tilt; optional external reflectors, cut at 0° and 15°, are also available.
- **Reflectors are available in two clear natural aluminum colors** – slightly diffuse (V) or fully diffuse (EC) – as well as champagne gold or black Alzak®. Other finishes are available on special order. A LightPlate trim may be used instead of a reflector.
- **Luminaire includes, within its reflector assembly, a holder permitting the use of one of a number of Optical Accessories** including spread lenses and color filters.
- **Trim flange conceals edges of ceiling installation hole.** Standard finish is white; custom paint finish available on special order.
- **For more information, [click here.](#)**



## APPLICATIONS

Installation locations should offer the following conditions:

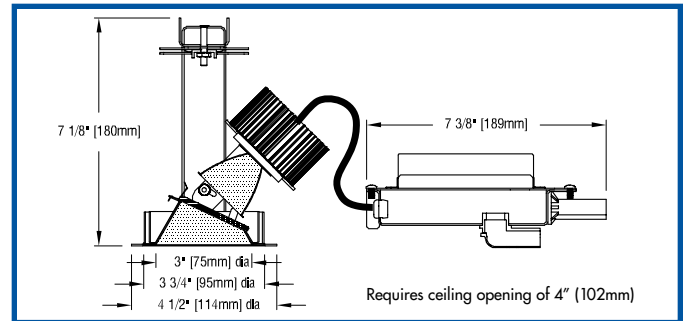
- ceiling material 2" or less thick capable of supporting at least 16 pounds
- recess depth of 7 3/8" to 8 1/4", varying directly with ceiling thickness
- plenum free of joists or obstructions for as much as 6 7/8" to either side to accommodate 'legs' of frame and as much as 13" to one side to accommodate junction box, varying directly with ceiling thickness.



Luminaire is listed for Damp Location, RoHA compliant and prewired with a thermal protector. Removal of the reflector allows access to the LED array, driver and junction box.

Flush trim model, see [PRESTINA THREE LED AA NSP](#)  
 Standard recessed, see [THREE XTM AA NSP](#)  
 IC-rated, see [EPIC THREE XTM AA](#)

**MODIFICATIONS AVAILABLE** ▼ See next page



## PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

Basic Unit.....	PST-XTS-3AA
Custom painted trim flange available on special order. Add -CC	
Internal Reflector <i>Choose one.</i>	
14° narrow spot.....	- 14D
24° spot .....	- 24D
Driver	
dimmmable to 1% with a 0-10V dimmer on 120 or 277-volt service.....	- DMV
dimmmable to 10% with either an incandescent or electronic low voltage (ELV) dimmer on 120-volt service only; not suitable for 700 lumen source (L07A) .....	- DMP
Light Output (Lumens)	
700 lumens /CRI 98 Artist .....	DMP driver not available ..... L07A
700 lumens /CRI 83 .....	L07S
700 lumens /CRI 83 Vibrant.....	3000K only..... L07V
1000 lumens /CRI 98 Artist .....	L10A
1000 lumens /CRI 83 .....	L10S
1000 lumens /CRI 83 Vibrant.....	3000K only..... L10V
1300 lumens /CRI 83 .....	L13S
1300 lumens /CRI 83 Vibrant .....	3000K only..... L13V
Voltage .....	
120 or 277	
Light Engine Color	
2700K .....	- 27K
3000K .....	- 30K
3500K .....	- 35K
4000K .....	- 40K
Reflector Color and Detail	
Semi-specular Clear .....	CTF
Slightly diffuse Clear .....	VTF
Fully diffuse Clear.....	ECTF
Champagne Gold .....	GTF
Black .....	BTF
Other reflector finishes available on special order.	
<i>LightPlates may be ordered instead of the standard reflectors above (see next page).</i>	
LightPlate <b>Downlight Spot</b> , white .....	DP3-TF
LightPlate <b>Accent Spot</b> , white .....	AP3-TF
LightPlate <b>Accent Slot</b> , white .....	AL3-TF
Custom painted trims for LightPlate are available on special order. Add -CC	

## OPTIONS

Specify by adding to the basic unit.

0° cut reflector (standard reflector is 25° cut) .....	-0
15° cut reflector (standard reflector is 25° cut) .....	-15

## EXTRA REFLECTORS

Specify as a separate line item.

14° narrow spot .....	XTM-REF14-50
24° spot .....	XTM-REF24-50

► Kits are available on special order for the field conversion of this luminaire to an accent light or wallwasher. Contact factory.

## OPTICAL ACCESSORIES

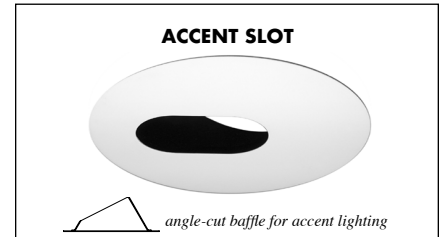
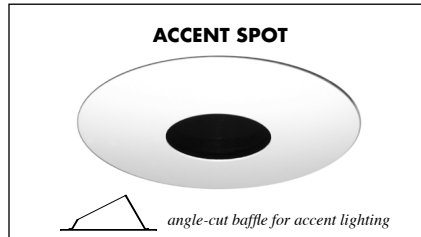
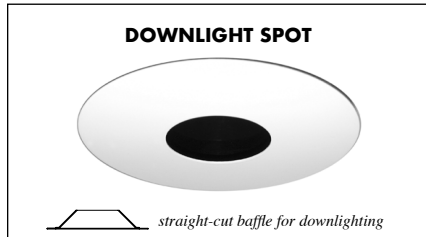
▼ See next page



**MODIFICATIONS AVAILABLE** Contact factory with quantity for pricing; orders may require shop drawing approval.

- +DOD:** luminaire suitable for **high humidity** environments; add +DOD to Product Code.
- +MAR:** reflector suitable for **marine** environments; add +MAR to Product Code.

## LIGHTPLATES LightPlates may be used instead of standard reflectors.



## OPTICAL ACCESSORIES Specify as separate line

All are 2 3/8" (60mm) diameter.

diffuse glass .....	DGS/2.375
prismatic lens (Solite) .....	PLS/2.375
55° spread lens .....	LENS/2.375
40° x 70° spread lens .....	LENS/2.375-4070
beam smoother .....	DIF05/2.375
33% light reduction screen .....	SCR33/2.375
50% light reduction screen .....	SCR50/2.375

### color filters

surprise pink .....	PNK/2.375
daylight blue .....	DAY/2.375
amber .....	AMB/2.375
blue .....	BLU/2.375
green .....	GRN/2.375
red .....	RED/2.375

See below for photometric reports



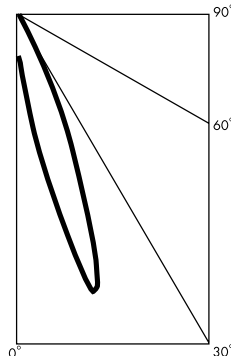
## PHOTOMETRIC REPORT with 14° reflector (tested per IESNA LM-79-2008)

Verification Services Report No. 1189690. Original test report furnished upon request.

Luminaire ..... recessed LED round accent light with semi-specular clear aluminum reflector, LED aimed at 15° above vertical  
 Light Source ..... one white Xicato XTS 9mm LES LED with 14° beam spread integral reflector, 3000K CCT, 80 CRI, 1000 lumens

### CANDLEPOWER DISTRIBUTION (Candela)

Vertical Angle	Horizontal Angle				
	0	45	90	135	180
0	754	754	754	754	754
5	1414	1060	626	418	360
15	5384	1042	191	11	4
25	1254	295	8	3	1
35	48	8	3	1	1
45	3	2	1	0	0
55	0	0	1	0	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Light Engine	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	316*	3905*	20*	16
1000 Lumens Artist	412*	5087*	20*	21
700 Lumens standard & Vibrant	328*	4056*	27*	12
1000 Lumens standard & Vibrant	436	5384	27	16
1300 Lumens standard & Vibrant	576*	7108*	27*	21

\*estimated values

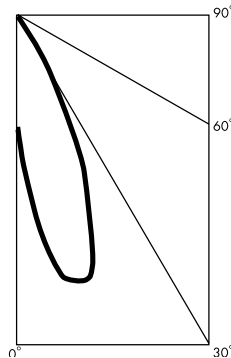
## PHOTOMETRIC REPORT with 24° reflector (tested per IESNA LM-79-2008)

Verification Services Report No. 1189691. Original test report furnished upon request.

Luminaire ..... recessed LED round accent light with semi-specular clear aluminum reflector, LED aimed at 15° above vertical  
 Light Source ..... one white Xicato XTS 9mm LES LED with 24° beam spread integral reflector, 3000K CCT, 80 CRI, 1000 lumens

### CANDLEPOWER DISTRIBUTION (Candela)

Vertical Angle	Horizontal Angle				
	0	45	90	135	180
0	1091	1091	1091	1091	1091
5	1968	1552	938	667	536
15	2755	1322	311	77	43
25	1442	457	31	6	2
35	159	19	3	1	1
45	4	2	1	1	0
55	0	0	0	0	0
65	0	0	1	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Light Engine	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	336*	1998*	21*	16
1000 Lumens Artist	438*	2603*	21*	21
700 Lumens standard & Vibrant	349*	2076*	29*	12
1000 Lumens standard & Vibrant	464	2755	29	16
1300 Lumens standard & Vibrant	612*	3637*	29*	21

\*estimated values

### STANDARD DMV DRIVER INFORMATION (UL Class 2, dry and damp location)

Voltage	120	277
Input Watts (I07A/L10A/L07S&V/L10S&V/L13S&V)	16/21/12/16/21	16/21/12/16/21
Input Current (A) (I07A/L10A/L07S&V/L10S&V/L13S&V)	.13/.18/10/10/13/18	.06/08/04/06/08
Output Current (mA)	350-700	350-700
Min. Power Factor	.99	.99
Operating Temperature Range (F)	-13 to 122	-13 to 122

### LIGHT OUTPUT MULTIPLIER

LED Light Engine	Light Output Multiplier
700 Lumens Artist	.73*
1000 Lumens Artist	.94*
700 Lumens standard & Vibrant	.75*
1000 Lumens standard & Vibrant	1.0
1300 Lumens standard & Vibrant	1.32*

\*estimated values

### REFLECTOR COLOR MULTIPLIERS

Semi-specular clear (C)	1
Slightly diffuse clear (V)	.95
Fully diffuse clear (EC)	.88
Champagne gold clear (G)	.95
Black (B)	.49