

Project

Type



Date

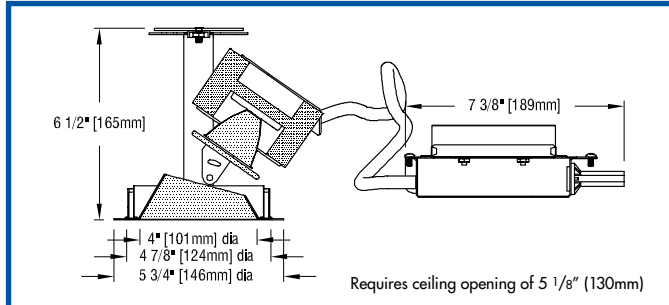
Product Code

Designer

PRESTO™ FOUR LED AA NSP

recessed LED spotlight remodeler

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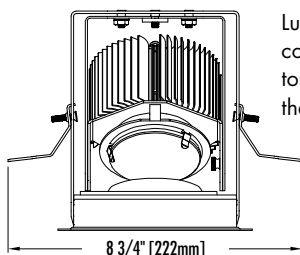
FEATURES

- **Presto Four LED AA NSP is a 4" aperture, LED remodeler spotlight** powered by one of a number of Xicato® XTM 9mm modules – including Artist Series and Vibrant Series modules – all of which are distinguished by extraordinary color consistency (within 1x 2-step MacAdam ellipse). See tables below for wattages and efficiencies.
- **Luminaire provides 0°-35° angular adjustment (tilt) and 50° rotation.** Once focused, adjustment can be locked in place by means of a wing nut.
- **Luminaire includes an internal reflector to produce a 14° or 24° beam spread.** To allow beam spread to be changed after installation, internal reflectors are also available as accessories.
- **Luminaire accepts one of a number of available [Optical Accessories](#) including lenses and color filters.** A complimentary Beam Smoother is included.
- **Reflectors are available in three clear natural aluminum finishes** — semi-specular (C), slightly diffuse (V) or fully diffuse (EC) — as well as champagne gold or black Alzak®. Other finishes available on special order. LightPlate™ decorative trims may be ordered instead of reflectors.
- **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 16 pounds
- recess depth of at least 6 1/2"
- plenum free of joists or obstructions for at least 11" from center along one side (to accommodate junction box).



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 FOUR LED AA NSP](#)

Standard recessed, see [FOUR HI AA NSP](#)

For higher efficacies, see [PRESTO WAFER/4 AA](#)

PRODUCT CODE

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

Basic Unit.....	PST-XTS-4AA
Custom painted trim flange available on special order. Add -CC	

Internal Reflector	
24° initial beamspread	- 24D
14° initial beamspread	- 14D

Light Source Output	
700 lumens / CRI 98 Artist	- L07A
700 lumens / CRI 80+	- L07S
700 lumens / CRI 80+ Vibrant.....	3000K only..... - L07V
1000 lumens / CRI 98 Artist.....	- L10A
1000 lumens / CRI 80+	- L10S
1000 lumens / CRI 80+ Vibrant.....	3000K only..... - L10V
1300 lumens / CRI 80+.....	- L13S
1300 lumens / CRI 80+ Vibrant.....	3000K only..... - L13V

Light Color	
2700 K.....	- 27K
3000 K.....	- 30K
3500 K	- 35K
4000 K.....	- 40K

Driver	
dimmable to 1% by a 0-10V dimmer on 120 or 277-volt service	- DMV
dimmable to 5% by either an incandescent or ELV dimmer;	
120-volt service only	- DMP
eldoLED 0-10V (Logarithmic) driver dimmable to 0.1% with a	
0-10V dimmer on 120 or 277-volt service	- DVOELG
eldoLED 0-10V (Linear) driver dimmable to 0.1% with a	
0-10V dimmer on 120 or 277-volt service	- DVOELN
eldoLED driver dimmable to 0.1%, compatible with	
Dali control system	- DA0-EL

Voltage	
120 volt.....	- 120
277 volt.....	- 277

Reflector Color	
Semi-specular Clear	- EE-CTF
Slightly diffuse Clear	- EE-VTF
Fully diffuse Clear	- EE-ECTF
Champagne Gold.....	- EE-GTF
Black	- EE-BTF
Other reflector finishes available on special order.	
<i>LightPlate decorative trims (see over) may be ordered instead of the standard reflectors above.</i>	
LightPlate Downlight Spot , white	- DP-TF
LightPlate Accent Spot , white	- AP-TF
LightPlate Accent Slot , white	- AL-TF
Custom painted LightPlates available on special order. Add -CC	

EXTRA REFLECTORS Specify as separate line items.

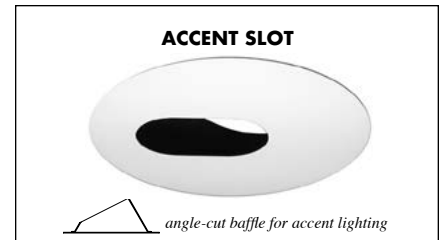
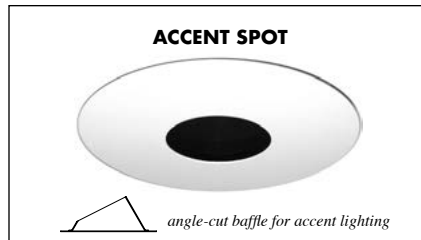
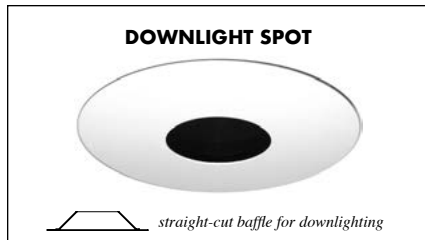
24° internal reflector	XTM-REF24-50
14° internal reflector	XTM-REF14-50

OPTICAL ACCESSORIES ▼ See next page





LIGHTPLATES LightPlates may be used instead of standard reflectors.



OPTICAL ACCESSORIES Specify as separate line

All are 2 3/4" (70mm) diameter.

diffuse glass	DGS/2.75
prismatic lens (Solite)	PLS/2.75
55° spread lens	LENS/2.75
40° x 70° spread lens	LENS/2.75-4070
beam smoother	(included with fixture)..... DIF05/2.75
33% light reduction screen	SCR33/2.75
50% light reduction screen	SCR50/2.75

color filters

surprise pink	PNK/2.75
daylight blue.....	DAY/2.75
amber	AMB/2.75
blue	BLU/2.75
green	GRN/2.75
red	RED/2.75

See below for photometric reports



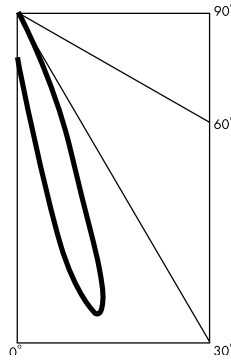
PHOTOMETRIC REPORT with 14° reflector (tested per IESNA LM-79-2008)

Verification Services Report No. 1177575. 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 XTM 9mm LES LED with 14° beam spread integral reflector, 3000K CCT, 80 CRI, 1300 lumens

CANDLEPOWER DISTRIBUTION (Candela)

Vertical Angle	Horizontal Angle				
	0	45	90	135	180
0	1159	1159	1159	1159	1159
5	2534	1738	1051	725	654
15	8905	2173	618	323	128
25	1989	867	175	7	4
35	525	133	5	3	2
45	4	4	3	2	0
55	1	1	2	2	1
65	0	2	2	1	0
75	0	2	1	0	0
85	0	1	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	515*	4907*	30*	17
1000 Lumens Artist	671*	6392*	32*	21
700 Lumens standard & Vibrant	535*	5097*	44*	12
1000 Lumens standard & Vibrant	710*	6765*	41*	17
1300 Lumens standard & Vibrant	938	8935	45	21

*estimated values

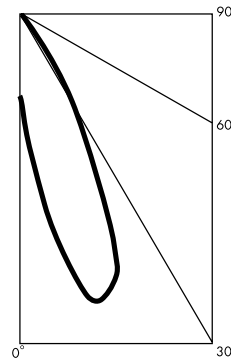
PHOTOMETRIC REPORT with 24° reflector (tested per IESNA LM-79-2008)

Verification Services Report No. 1177577. 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 XTM 9mm LES LED with 24° beam spread integral reflector, 3000K CCT, 80 CRI, 1300 lumens

CANDLEPOWER DISTRIBUTION (Candela)

Vertical Angle	Horizontal Angle				
	0	45	90	135	180
0	1261	1261	1261	1261	1261
5	2282	1807	1136	740	645
15	4726	2007	592	224	87
25	2939	968	128	6	3
35	762	146	5	2	1
45	14	4	1	1	1
55	0	0	0	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	465*	2628*	27*	17
1000 Lumens Artist	618*	3423*	30*	21
700 Lumens standard & Vibrant	493*	2730*	41*	12
1000 Lumens standard & Vibrant	654*	3623*	38*	17
1300 Lumens standard & Vibrant	864	4785	41	21

*estimated values

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

Voltage	120	277
Input Watts (L07A/L10A/L07S&V/L10S&V/L13S&V)	17/21/12/17/21	17/21/12/17/21
Input Current (A) (L07A/L10A/L07S&V/L10S&V/L13S&V)	.14/.18/.10/.14/.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	.55*
1000 Lumens Artist	.72*
700 Lumens standard & Vibrant	.57*
1000 Lumens standard & Vibrant	.76*
1300 Lumens standard & Vibrant	1

*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