

PRIME

PRIME 3" LED ARCHITECTURAL ROUND FLANGELESS WALL WASH

JOB INFORMATION	TYPE:
	CATALOG NO.
	PROJECT NAME:
	COMMENTS:
	PREPARED BY:

USE OF PRODUCT

The 3" PRIME Wall Wash is a small aperture fixture with shallow height that may be used in residential and commercial applications. Die cast trims with an assortment of color temperatures, optics and dimmable drivers. May be used in plaster, wood and marble ceilings.

PRIME FEATURES

Color Temperature: 2700K, 3000K, 3500K, or 4000K
SDCM: 2 step binning
Color Rendering Index: 93+ CRI
Optical Lens: 12°, 22°, 27°, 35°, 45°
Trim: Die cast
LED Life: 50,000 Hours
LED Type: Cree LED
Driver Info: 120-277V, 50/60 Hz, PF>0.9, THD<0.20
Warranty: 5 year limited warranty

LED ENGINE

LED engine available with CREE LEDs in 2700K, 3000K, 3500K, or 4000K in standard 93+ CRI. 2 Step MacAdam ellipse allows for color consistency between fixtures. LED mounted to aluminum heat sink for maximum life output and thermal management.

FRAME CONSTRUCTION

Constructed from 16 gauge heavy duty powder coated cold rolled steel frame with a large access junction box.

ADJUSTMENT

- Light engine locked at 25° tilt, consult factory for other tilt setting.
- Housing provides for 360° locking rotation
- Aperture collar compatible up to 1½" ceiling thickness.
- Accommodation for 2" or 3" ceiling thickness available upon request.

OPTICAL LENS (Field Replaceable)

Field replaceable optical lens available in 12°, 22°, 27°, 35° and 45°. Easily achieve narrow spot to wide flood beam pattern.

DIMMING

Available in 8 driver selections. (ID) Standard all-inclusive ELV(120V), Triac(120V), and 0-10V(120-277V) dimming driver called Intelligent Drive, 120-277V. (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming, 120-277V. (LDE1) Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming, 120-277V. (LDE5) Lutron Hi-Lume 5% Ecosystem, 120-277V. (LTE) Hi-Lume 1% 2-wire, 120V. (L3DA) Hi-lume 1% EcoSystem/3-Wire L3D Driver (EEI) eldoLED Eco 1% Dim (0-10V), 120-277V. (EDIO) eldoLED Solo 0.1% Dim(0-10V), 120-277V. (EDID) eldoLED Solo 0.1% Dim(DALI), 120-277V. Driver accessible from below ceiling.

THERMAL MANAGEMENT

Ambient temperatures at fixture location should not exceed -20° to 40°C.

EMERGENCY BATTERY

Optional emergency battery available for a minimum of 90 minutes with remote test switch in 800 delivered lumens.

TRIM

Die cast trim. Consult factory for made to order finishes.

LABELS/COMPLIANCE/WARRANTY

- CSA Listed for US and Canada
- Dry/Damp/Wet location rated.
- Energy Star
- Title 24, JA8 Compliant
- 5 Year limited warranty



ORDERING INFO

Series	Lumens	Color Temp	Voltage	Dimming	Optical Lens	Filter
PRIME SERIES	7 - 790 lm 10 - 1065 lm 14 - 1415 lm	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	UNV - 120-277V 120 - 120V 347 - 347V	ID ¹ - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive) PEQ0 - Lutron Hi-lume Premier Ecosystem 0.1% w/soft on, fade to black dimming LDE1 ² - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming LDE5 ² - Lutron Hi-Lume 5% Ecosystem with soft on, fade to black dimming LTE - Hi-Lume 1% 2-wire L3DA - Hi-lume 1% EcoSystem/3-Wire L3D Driver EEI ^{1,2,3} - eldoLED Eco 1% Dim (0-10V) EDIO ^{1,2,3} - eldoLED Solo 0.1% Dim (0-10V) EDID ^{1,2,3} - eldoLED Solo 0.1% Dim (DALI)	12 - 12° 22 - 22° 27 - 27° 35 - 35° 45 - 45°	None - Leave blank F - Frosted H - Honeycomb S - Solite filter L - Linear filter

Housing Type	Aperture	Frame Accessories	Collar	Option
IC - IC New Construction	RLWP - Round Flangeless Wall Wash Plaster RLWM - Round Flangeless Wall Wash Millwork	AH - Adjustable bar hanger C - C Channel bar hanger B - Flat bar hanger	Blank - 1.5" Depth 20 - 2" Depth 30 - 3" Depth MTO - Made to order	ERB ³ - Emergency battery with remote switch (800 Lumens) CP - Chicago Plenum

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel Type	Bevel Finish	Options
3RLA - 3" Round Flangeless Accent	Die Cast	W - White B - Black BZ - Bronze C - Clear	WL - Wet location

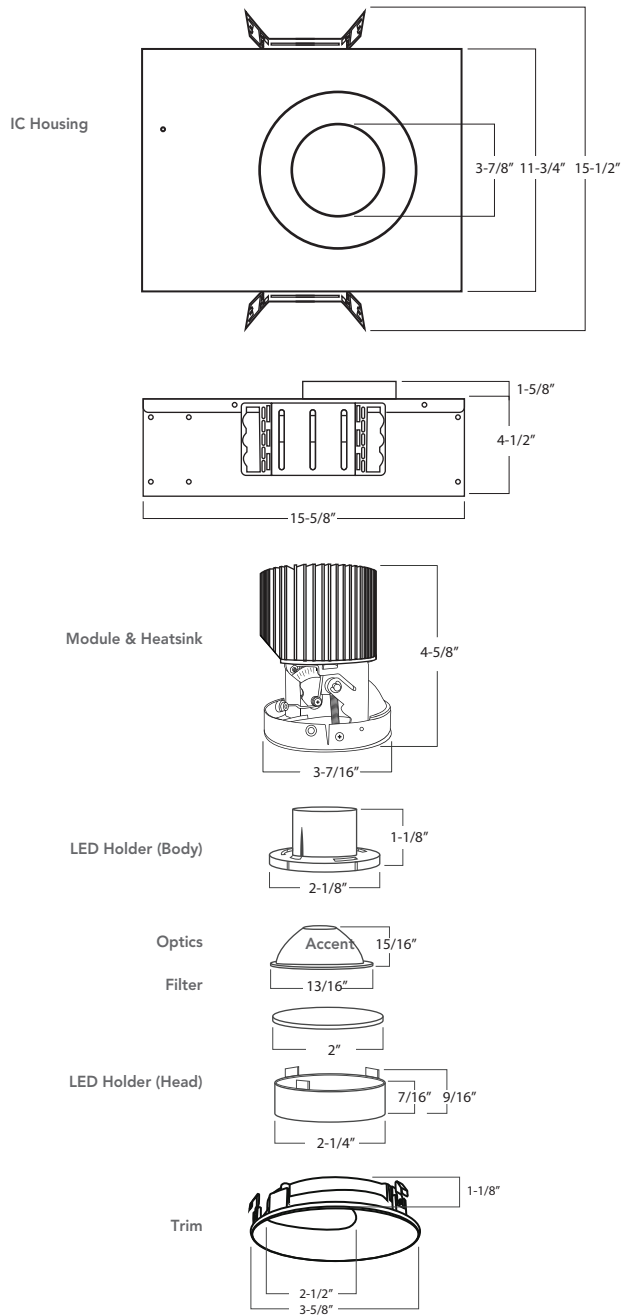
1. Intelligent Drive is the standard driver.
2. Ceiling access required.
3. Must specify logarithmic or linear eldoLED driver.

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3" PRIME WALL WASH

DIMENSIONS

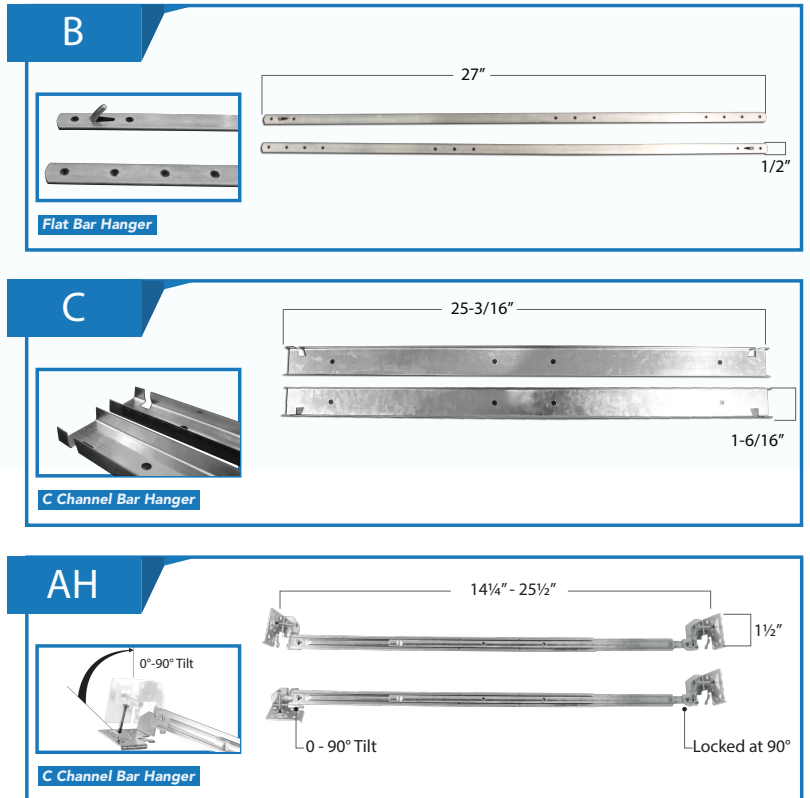


LUMEN CHART

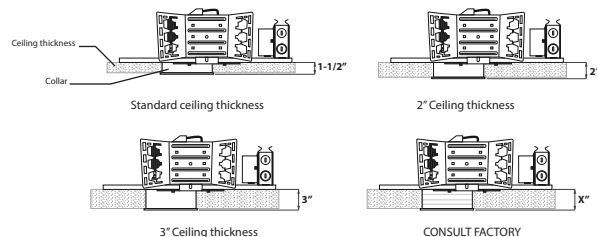
Wattage	Delivered Lumens	Voltage	CRI
10W	790 Lm	120-277V	93+
14W	1065 Lm	120-277V	93+
20W	1415 Lm	120-277V	93+

*Above chart and ordering information reflect delivered lumens based on 3000K, 35° optical lens, with white bevel.
 **Lumens will vary based on CCT, optical lens, and bevel finish

FRAME ACCESSORIES



COLLAR DEPTH PER CEILING THICKNESS



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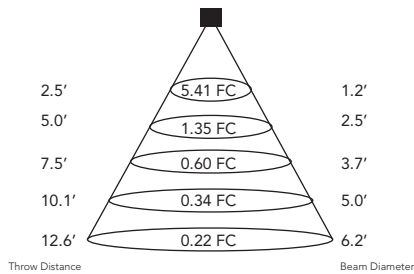
AT-A-GLANCE TECHNICAL INFORMATION

3" PRIME WALL WASH

RPA - 7L

12° Beam, Round Accent

TEST DATE	2019-07-12
SERIES	RPA3-7L-30K-12°- Round Accent
LUMENS	699 LM
WATTS	10 W
CCT	3000K



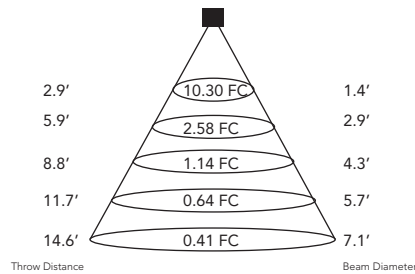
Zone	Lumens	%Lamp	%Luminaire
0-30	358.0	51.2%	51.2%
0-40	615.2	88%	88%
0-60	693.7	99.2%	99.2%
60-90	5.5	0.8%	0.8%
0-90	699.2	100%	100%

Zone Lumen Summary

RPA - 7L

22° Beam, Round Accent

TEST DATE	2019-07-12
SERIES	RPA3-7L-30K-22°- Round Accent
LUMENS	699.5 LM
WATTS	10 W
CCT	3000K



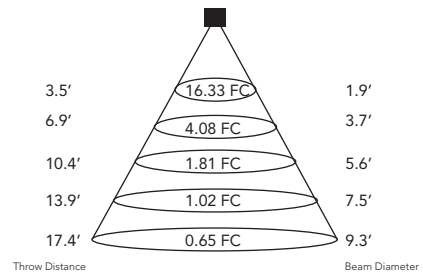
Zone	Lumens	%Lamp	%Luminaire
0-30	373.7	53.4%	53.4%
0-40	614.8	87.9%	87.9%
0-60	693.3	99.1%	99.1%
60-90	6.1	0.9%	0.9%
0-90	699.4	100%	100%

Zone Lumen Summary

RPA - 7L

27° Beam, Round Accent

TEST DATE	2019-07-12
SERIES	RPA3-7L-30K-27°- Round Accent
LUMENS	757.1 LM
WATTS	10 W
CCT	3000K



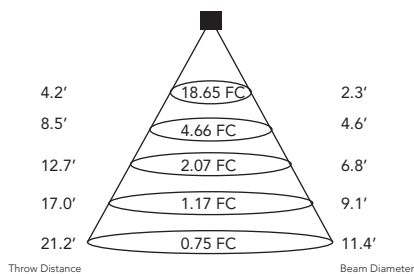
Zone	Lumens	%Lamp	%Luminaire
0-30	443.9	58.6%	58.7%
0-40	670.2	88.5%	88.6%
0-60	751.1	99.2%	99.3%
60-90	5.3	0.7%	0.7%
0-90	756.5	99.9%	100%

Zone Lumen Summary

RPA - 7L

35° Beam, Round Accent

TEST DATE	2019-07-12
SERIES	RPA3-7L-30K-35°- Round Accent
LUMENS	794.3 LM
WATTS	10 W
CCT	3000K



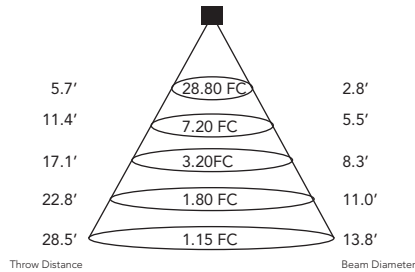
Zone	Lumens	%Lamp	%Luminaire
0-30	401.9	50.6%	50.6%
0-40	645.3	81.2%	81.3%
0-60	787.7	99.2%	99.2%
60-90	6.5	0.8%	0.8%
0-90	794.2	100%	100%

Zone Lumen Summary

RPA - 7L

45° Beam, Round Accent

TEST DATE	2019-07-12
SERIES	RPA3-7L-30K-45°- Round Accent
LUMENS	727.5 LM
WATTS	10 W
CCT	3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	368.3	50.6%	50.6%
0-40	562.5	77.3%	77.3%
0-60	715.5	98.3%	98.3%
60-90	11.9	1.6%	1.6%
0-90	727.4	100%	100%

Zone Lumen Summary

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AT-A-GLANCE TECHNICAL INFORMATION

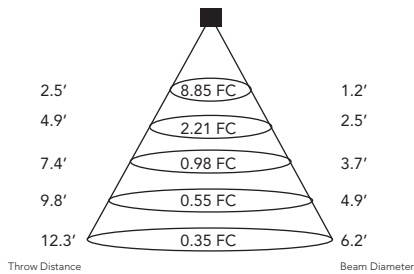
RPA - 10L

12° Beam, Round Accent

TEST DATE 2019-07-12

SERIES RPA3-10L-30K-12°- Round Accent

LUMENS 947.5 LM
WATTS 14 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	502.4	53%	53.1%
0-40	845.5	89.2%	98.3%
0-60	939.6	99.2%	99.3%
60-90	6.9	0.7%	0.7%
0-90	946.5	99.9%	100%

Zone Lumen Summary

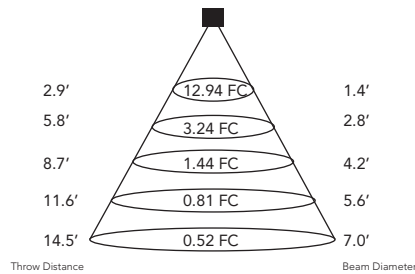
RPA - 10L

22° Beam, Round Accent

TEST DATE 2019-07-12

SERIES RPA3-10L-30K-22°- Round Accent

LUMENS 944.2 LM
WATTS 14 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	461.9	48.9%	49%
0-40	812.7	86.1%	86.1%
0-60	935.0	99%	99.1%
60-90	8.6	0.9%	0.9%
0-90	943.6	99.9%	100%

Zone Lumen Summary

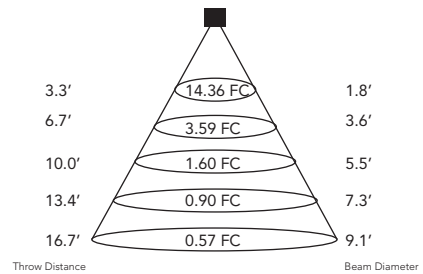
RPA - 10L

27° Beam, Round Accent

TEST DATE 2019-07-12

SERIES RPA3-10L-30K-27°- Round Accent

LUMENS 1015.4 LM
WATTS 14 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	473.7	46.7%	46.7%
0-40	830.2	81.8%	81.8%
0-60	1,005.4	99%	99.1%
60-90	9.3	0.9%	0.9%
0-90	1,014.7	99.9%	100%

Zone Lumen Summary

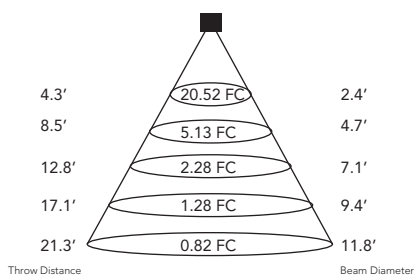
RPA - 10L

35° Beam, Round Accent

TEST DATE 2019-07-12

SERIES RPA3-10L-30K-35°- Round Accent

LUMENS 1066.2 LM
WATTS 14 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	533.2	50%	50%
0-40	854.0	80.1%	80.1%
0-60	1,055.5	99%	99.1%
60-90	10.0	0.9%	0.9%
0-90	1,065.5	99.9%	100%

Zone Lumen Summary

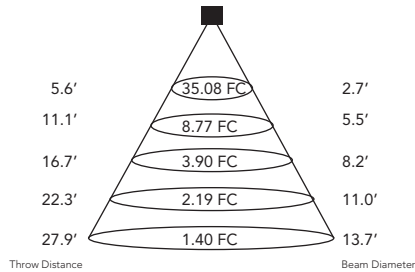
RPA - 10L

45° Beam, Round Accent

TEST DATE 2019-07-12

SERIES RPA3-10L-30K-45°- Round Accent

LUMENS 977.1 LM
WATTS 14 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	482.3	49.4%	49.4%
0-40	746.5	76.4%	76.4%
0-60	960.1	98.3%	98.3%
60-90	16.4	1.7%	1.7%
0-90	976.5	99.9%	100%

Zone Lumen Summary

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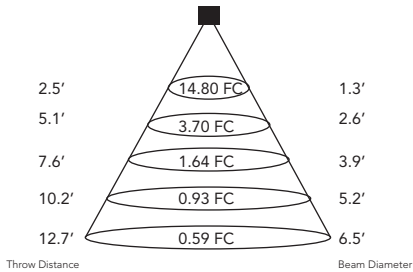
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AT-A-GLANCE TECHNICAL INFORMATION

3" PRIME WALL WASH

RPA - 14L 12° Beam, Round Accent

TEST DATE 2019-07-12
SERIES RPA3-14L-30K-12°- Round Accent
LUMENS 1310.1 LM
WATTS 20 W
CCT 3000K

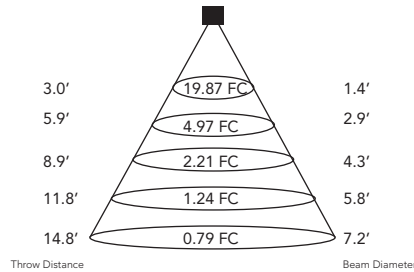


Zone	Lumens	%Lamp	%Luminaire
0-30	793.9	60.6%	60.7%
0-40	1,200.7	91.6%	91.8%
0-60	1,300.1	99.2%	99.4%
60-90	8.4	0.6%	0.6%
0-90	1,308.5	99.9%	100%

Zone Lumen Summary

RPA - 14L 22° Beam, Round Accent

TEST DATE 2019-07-12
SERIES RPA3-14L-30K-22°- Round Accent
LUMENS 1300.5 LM
WATTS 20 W
CCT 3000K

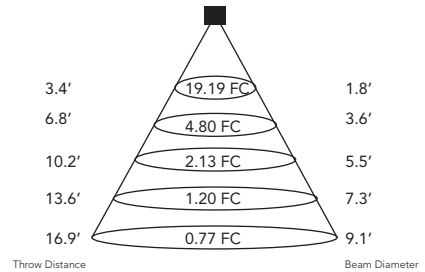


Zone	Lumens	%Lamp	%Luminaire
0-30	658.8	50.7%	50.7%
0-40	1,128.3	86.8%	86.8%
0-60	1,287.7	99%	99.1%
60-90	12.0	0.9%	0.9%
0-90	1,299.6	99.9%	100%

Zone Lumen Summary

RPA - 14L 27° Beam, Round Accent

TEST DATE 2019-07-12
SERIES RPA3-14L-30K-27°- Round Accent
LUMENS 1342.3 LM
WATTS 20 W
CCT 3000K

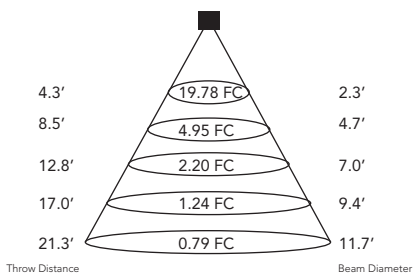


Zone	Lumens	%Lamp	%Luminaire
0-30	640.4	47.7%	47.7%
0-40	1,106.2	82.4%	82.4%
0-60	1,329.4	99%	99%
60-90	12.5	0.9%	0.9%
0-90	1,341.9	100%	100%

Zone Lumen Summary

RPA - 14L 35° Beam, Round Accent

TEST DATE 2019-07-12
SERIES RPA3-14L-30K-35°- Round Accent
LUMENS 1417.1 LM
WATTS 20 W
CCT 3000K

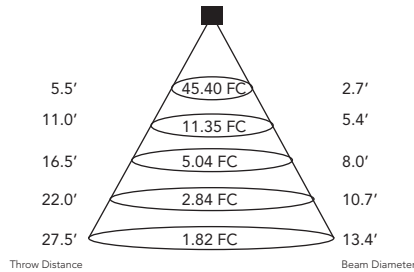


Zone	Lumens	%Lamp	%Luminaire
0-30	630.5	44.5%	44.5%
0-40	1,074.1	75.8%	75.8%
0-60	1,399.6	98.8%	98.8%
60-90	17.1	1.2%	1.2%
0-90	1,416.7	100%	100%

Zone Lumen Summary

RPA - 14L 45° Beam, Round Accent

TEST DATE 2019-07-12
SERIES RPA3-14L-30K-45°- Round Accent
LUMENS 1288.4 LM
WATTS 20 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	607.7	47.2%	47.2%
0-40	962.4	74.7%	74.7%
0-60	1,263.6	98.1%	98.1%
60-90	24.6	1.9%	1.9%
0-90	1,288.2	100%	100%

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