



PRIME

3" PRIME LED ARCHITECTURAL SQUARE FLANGELESS DOWNLIGHT

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

USE OF PRODUCT

The 3" PRIME Downlight 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. LED engine is accessible from below ceiling.

FRAME CONSTRUCTION

IC rated housing constructed from 16 gauge heavy duty powder coated cold rolled steel frame. Junction box with 1/2" knockouts. Trimless Mud adapter plate available for plaster ceilings. Millwork adapter available for marble or wood ceilings. Butterfly bracket included to accommodate adjustable bar hangers or C-channel (ordered separately)

ADJUSTMENT

- Housing provides for 359° locking rotation
- Aperture collar adjusts 15°± horizontally within frame for square ceiling alignment
- Collar notch allows for easy alignment for square applications.
- Aperture collar compatible up to 1-1/2" ceiling thickness.
- Accommodation for 2" or 3" ceiling thickness available upon request.

OPTICAL LENS & FILTERS (Field Replaceable)

Field replaceable optical lens available in 12°, 22°, 27°, 35° and 45°. Easily achieve narrow spot to wide flood beam pattern. Accepts up to 2 filters.

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. (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.

TRIM

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

EMERGENCY BATTERY

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

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

RPA3						
Series	Lumens	Color Temp	Voltage	Dimming	Optical Lens	Filter
PRIME SERIES	8 - 825 lm	27 - 2700K	UNV - 120-277V	ID ¹ - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)	12 - 12°	None - Leave blank
	12 - 1235 lm	30 - 3000K	120 - 120V	PEQ0 ² - Lutron Hi-lume Premier Ecosystem 0.1% w/soft on, fade to black dimming	22 - 22°	F - Frosted
	15 - 1500 lm	35 - 3500K	347 - 347V	LDE1 ² - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming	27 - 27°	H - Honeycomb
		40 - 4000K		LTE ² - Hi-Lume 1% 2-wire L3DA ² - Hi-lume 1% EcoSystem/3-Wire L3D Driver EEI ² - eldoLED Eco 1% Dim (0-10V) EDIO ^{2,3} - eldoLED Solo 0.1% Dim (0-10V) EDID ^{2,3} - eldoLED Solo 0.1% Dim (DALI)	35 - 35° 45 - 45°	S - Solite filter L - Linear Filter

Housing Type	Aperture	Frame Accessories	Collar	Option
IC - IC New Construction	SLDP - Square Flangeless Downlight Plaster SLDM - Square Flangeless Downlight 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	ER8 ² - Emergency battery with remote switch (800 Lumens) CP - Chicago Plenum

1. Standard driver.
 2. Ceiling access required.
 3. Must specify logarithmic or linear eldoLED diver.

TRIM ORDERING INFORMATION

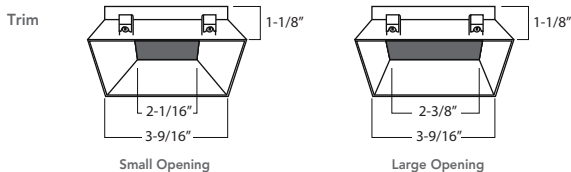
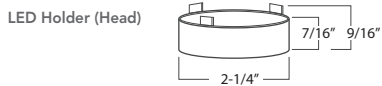
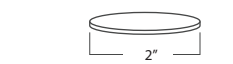
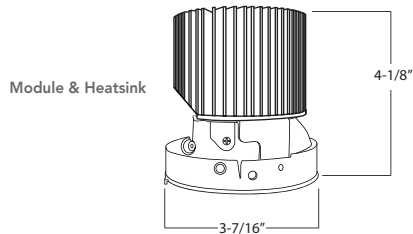
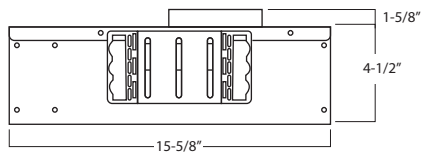
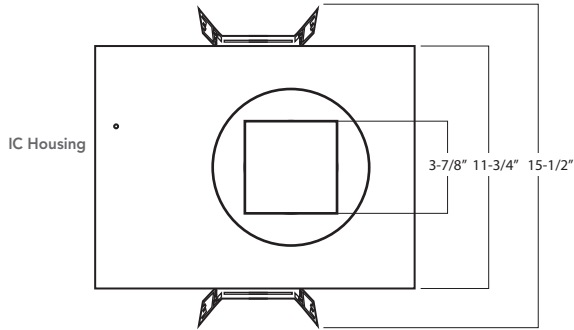
Aperture Size / Shape / Trim Type / Style	Bevel Opening	Bevel Finish	Options
3SLO - 3" Square Flangeless Open	Die Cast	W - White H - Haze B - Black BZ - Bronze C - Clear MTO - Made to order	WL - Wet location

PRIME

PRIME 3" LED ARCHITECTURAL SQUARE FLANGELESS DOWNLIGHT

3" PRIME DOWNLIGHT

DIMENSIONS



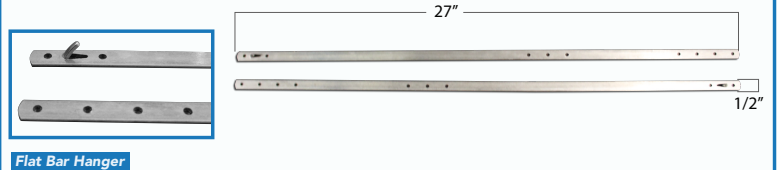
LUMEN CHART

Wattage	Delivered Lumens	Voltage	CRI
10W	825 Lm	120-277V	93+
14W	1235 Lm	120-277V	93+
20W	1500 Lm	120-277V	93+

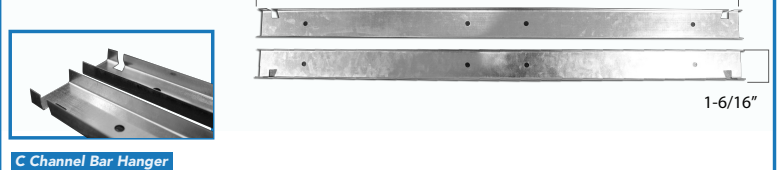
*Above chart and ordering information reflect delivered lumens based on 3000K, 35° optical lens, with white bevel.
 **Lumens will vary based on CCT, optical lens, and bevel finish

FRAME ACCESSORIES

B



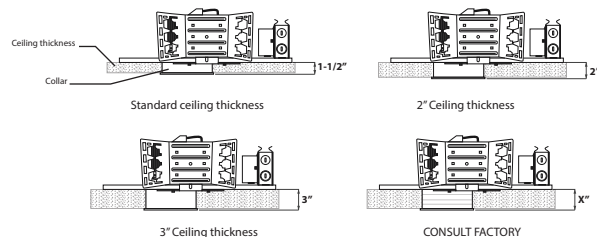
C



AH



COLLAR DEPTH PER CEILING THICKNESS



PRIME

PRIME 3" LED ARCHITECTURAL
SQUARE FLANGELESS DOWNLIGHT

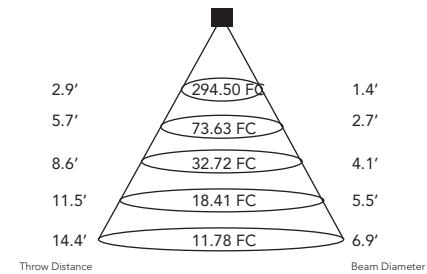
AT-A-GLANCE TECHNICAL INFORMATION

3" PRIME DOWNLIGHT

RPA - 8L

12° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-8L-30K-12°- Square Large Open
LUMENS	786.4 LM
WATTS	10 W
CCT	3000K



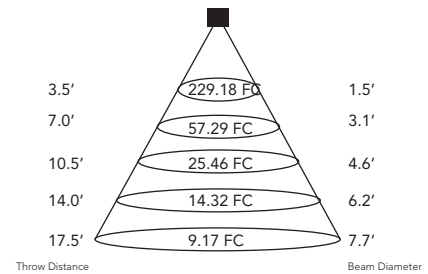
Zone	Lumens	%Lamp	%Luminaire
0-30	699.2	88.9%	88.8%
0-40	741.2	94.3%	94.1%
0-60	780.8	99.3%	99.1%
60-90	7.0	0.9%	0.9%
0-90	787.8	100.2%	100%

Zone Lumen Summary

RPA - 8L

22° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-8L-30K-22°- Square Large Open
LUMENS	794 LM
WATTS	10 W
CCT	3000K



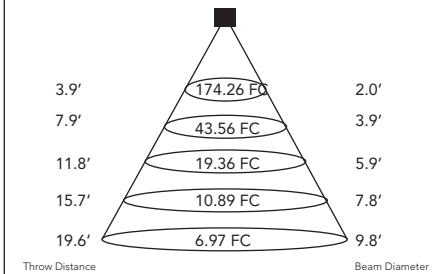
Zone	Lumens	%Lamp	%Luminaire
0-30	691.7	87.1%	87%
0-40	749.6	94.4%	94.3%
0-60	788.3	99.3%	99.2%
60-90	6.6	0.8%	0.8%
0-90	794.9	100.1%	100%

Zone Lumen Summary

RPA - 8L

27° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-8L-30K-27°- Square Large Open
LUMENS	816.2 LM
WATTS	10 W
CCT	3000K



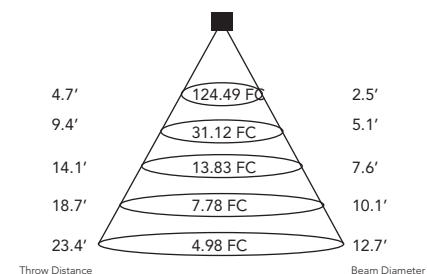
Zone	Lumens	%Lamp	%Luminaire
0-30	775.4	89.9%	89.9%
0-40	828.3	96.1%	96%
0-60	858.2	99.5%	99.2%
60-90	4.7	0.5%	0.5%
0-90	862.9	100.1%	100%

Zone Lumen Summary

RPA - 8L

35° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-8L-30K-35°- Square Large Open
LUMENS	827.2 LM
WATTS	10 W
CCT	3000K



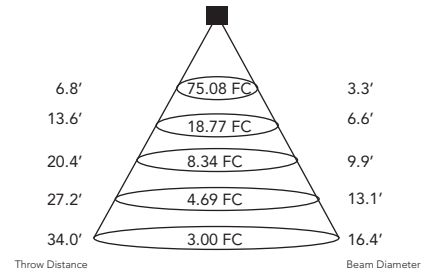
Zone	Lumens	%Lamp	%Luminaire
0-30	706.6	85.4%	85.5%
0-40	779.8	94.3%	94.3%
0-60	821.5	99.3%	99.4%
60-90	5.3	0.6%	0.6%
0-90	826.8	100%	100%

Zone Lumen Summary

RPA - 8L

45° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-8L-30K-45°- Square Large Open
LUMENS	800.8 LM
WATTS	10 W
CCT	3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	565.0	70.6%	70.6%
0-40	709.2	88.6%	88.6%
0-60	793.7	99.1%	99.2%
60-90	6.7	0.8%	0.8%
0-90	800.5	100%	100%

Zone Lumen Summary

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PRIME

PRIME 3" LED ARCHITECTURAL
SQUARE FLANGELESS DOWNLIGHT

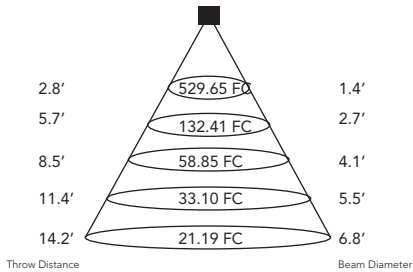
AT-A-GLANCE TECHNICAL INFORMATION

3" PRIME DOWNLIGHT

RPA - 15L

12° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-15L-30K-12°- Square Large Open
LUMENS	1410 LM
WATTS	20 W
CCT	3000K



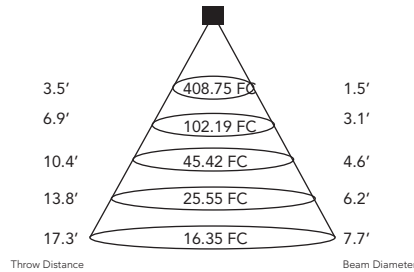
Zone	Lumens	%Lamp	%Luminaire
0-30	1,253.1	88.9%	88.7%
0-40	1,327.7	94.2%	94%
0-60	1,398.8	99.2%	99.1%
60-90	13.3	0.9%	0.9%
0-90	1,412.2	100.2%	100%

Zone Lumen Summary

RPA - 15L

22° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-15L-30K-22°- Square Large Open
LUMENS	1422 LM
WATTS	20 W
CCT	3000K



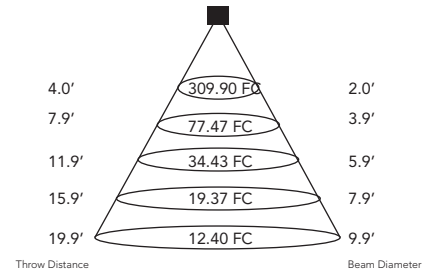
Zone	Lumens	%Lamp	%Luminaire
0-30	1,235.7	86.9%	86.8%
0-40	1,340.5	94.3%	94.2%
0-60	1,410.9	99.2%	99.1%
60-90	12.7	0.9%	0.9%
0-90	1,423.6	100.1%	100%

Zone Lumen Summary

RPA - 15L

27° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-15L-30K-27°- Square Large Open
LUMENS	1462.7 LM
WATTS	20 W
CCT	3000K



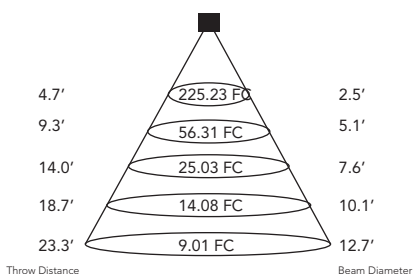
Zone	Lumens	%Lamp	%Luminaire
0-30	1,263.5	86.4%	86.4%
0-40	1,377.9	94.2%	94.2%
0-60	1,450.7	99.2%	99.2%
60-90	12.0	0.8%	0.8%
0-90	1,462.7	100%	100%

Zone Lumen Summary

RPA - 15L

35° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-15L-30K-35°- Square Large Open
LUMENS	1495 LM
WATTS	20 W
CCT	3000K



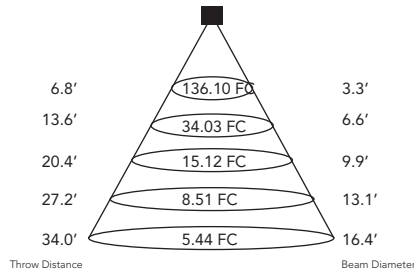
Zone	Lumens	%Lamp	%Luminaire
0-30	1,278.6	85.5%	85.5%
0-40	1,409.4	94.3%	94.3%
0-60	1,484.4	99.3%	99.3%
60-90	10.5	0.7%	0.7%
0-90	1,494.9	100%	100%

Zone Lumen Summary

RPA - 15L

45° Beam, Square Large Open

TEST DATE	2019-07-12
SERIES	RPA3-15L-30K-45°- Square Large Open
LUMENS	1457.1 LM
WATTS	20 W
CCT	3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,025.8	70.4%	70.4%
0-40	1,288.3	88.4%	88.4%
0-60	1,443.3	99%	99.1%
60-90	13.2	0.9%	0.9%
0-90	1,456.5	100%	100%

Zone Lumen Summary

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PRIME

PRIME 3" LED ARCHITECTURAL
SQUARE FLANGELESS DOWNLIGHT

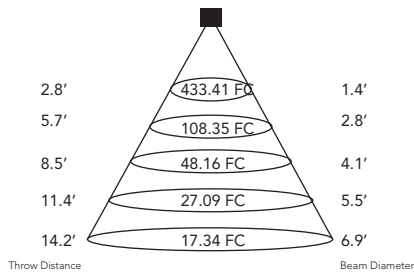
3" PRIME DOWNLIGHT

AT-A-GLANCE TECHNICAL INFORMATION

RPA - 12L

12° Beam, Square Small Open

TEST DATE	2019-07-12
SERIES	RPA3-12L-30K-12°- Square Small Open
LUMENS	1169.4 LM
WATTS	14 W
CCT	3000K



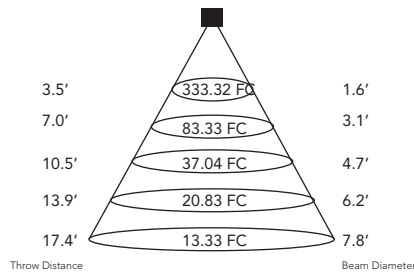
Zone	Lumens	%Lamp	%Luminaire
0-30	1,033.9	88.4%	88.3%
0-40	1,095.9	93.7%	93.6%
0-60	1,157.1	98.9%	98.8%
60-90	14.2	1.2%	1.2%
0-90	1,171.3	100.2%	100%

Zone Lumen Summary

RPA - 12L

22° Beam, Square Small Open

TEST DATE	2019-07-12
SERIES	RPA3-12L-30K-22°- Square Small Open
LUMENS	1176.9 LM
WATTS	14 W
CCT	3000K



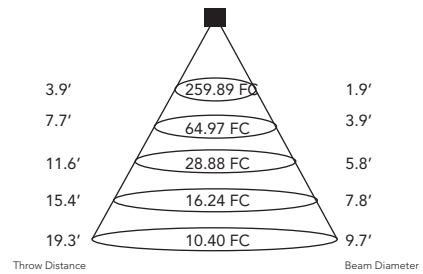
Zone	Lumens	%Lamp	%Luminaire
0-30	1,019.7	86.6%	86.5%
0-40	1,104.4	93.8%	93.7%
0-60	1,164.4	98.9%	98.8%
60-90	13.9	1.2%	1.2%
0-90	1,178.3	100.1%	100%

Zone Lumen Summary

RPA - 12L

27° Beam, Square Small Open

TEST DATE	2019-07-12
SERIES	RPA3-12L-30K-27°- Square Small Open
LUMENS	1213.9 LM
WATTS	14 W
CCT	3000K



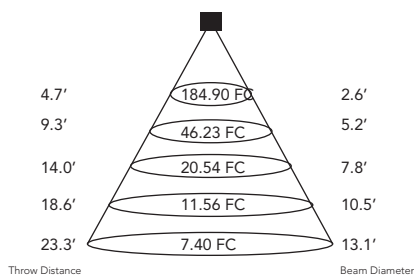
Zone	Lumens	%Lamp	%Luminaire
0-30	1,053.2	86.8%	86.7%
0-40	1,142.7	94.1%	94.1%
0-60	1,202.1	99%	99%
60-90	12.5	1%	1%
0-90	1,214.6	100.1%	100%

Zone Lumen Summary

RPA - 12L

35° Beam, Square Small Open

TEST DATE	2019-07-12
SERIES	RPA3-12L-30K-35°- Square Small Open
LUMENS	1237.7 LM
WATTS	14 W
CCT	3000K



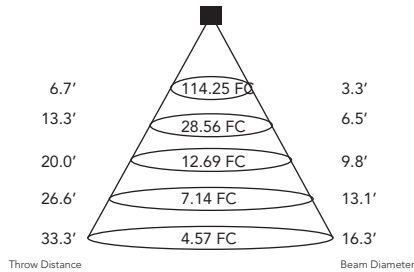
Zone	Lumens	%Lamp	%Luminaire
0-30	1,056.7	85.4%	85.4%
0-40	1,163.9	94%	94%
0-60	1,227.2	99.1%	99.1%
60-90	10.7	0.9%	0.9%
0-90	1,237.9	100%	100%

Zone Lumen Summary

RPA - 12L

45° Beam, Square Small Open

TEST DATE	2019-07-12
SERIES	RPA3-12L-30K-45°- Square Small Open
LUMENS	1213 LM
WATTS	14 W
CCT	3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	858.7	70.8%	70.8%
0-40	1,075.3	88.7%	88.7%
0-60	1,200.4	99%	99%
60-90	12.4	1%	1%
0-90	1,212.8	100%	100%

Zone Lumen Summary

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PRIME

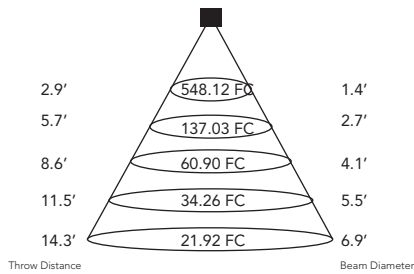
PRIME 3" LED ARCHITECTURAL
SQUARE FLANGELESS DOWNLIGHT

AT-A-GLANCE TECHNICAL INFORMATION

3" PRIME DOWNLIGHT

RPA - 15L 12° Beam, Square Small Open

TEST DATE 2019-07-12
SERIES RPA3-15L-30K-12°- Square Small Open
LUMENS 1435.9 LM
WATTS 20 W
CCT 3000K

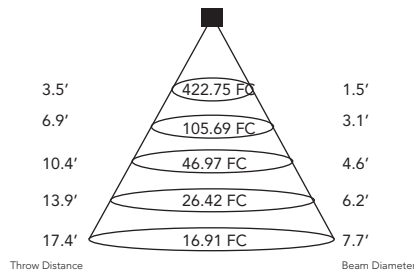


Zone	Lumens	%Lamp	%Luminaire
0-30	1,276.6	88.9%	88.7%
0-40	1,351.5	94.1%	93.9%
0-60	1,424.3	99.2%	99%
60-90	14.2	1%	1%
0-90	1,438.5	100.2%	100%

Zone Lumen Summary

RPA - 15L 22° Beam, Square Small Open

TEST DATE 2019-07-12
SERIES RPA3-15L-30K-22°- Square Small Open
LUMENS 1463.8 LM
WATTS 20 W
CCT 3000K

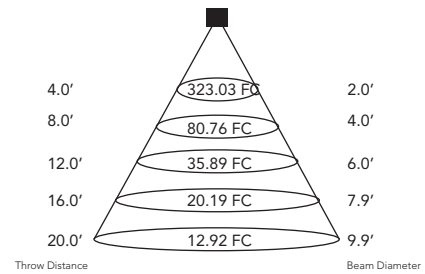


Zone	Lumens	%Lamp	%Luminaire
0-30	1,272.9	87%	86.9%
0-40	1,376.9	94.1%	94%
0-60	1,451.0	99.1%	99%
60-90	14.5	1%	1%
0-90	1,465.5	100.1%	100%

Zone Lumen Summary

RPA - 15L 27° Beam, Square Small Open

TEST DATE 2019-07-12
SERIES RPA3-15L-30K-27°- Square Small Open
LUMENS 1491.3 LM
WATTS 20 W
CCT 3000K

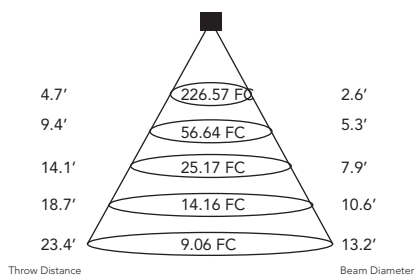


Zone	Lumens	%Lamp	%Luminaire
0-30	1,300.8	87.2%	87.2%
0-40	1,408.5	94.4%	94.4%
0-60	1,479.7	99.2%	99.2%
60-90	12.7	0.8%	0.8%
0-90	1,492.3	100.1%	100%

Zone Lumen Summary

RPA - 15L 35° Beam, Square Small Open

TEST DATE 2019-07-12
SERIES RPA3-15L-30K-35°- Square Small Open
LUMENS 1506.2 LM
WATTS 20 W
CCT 3000K

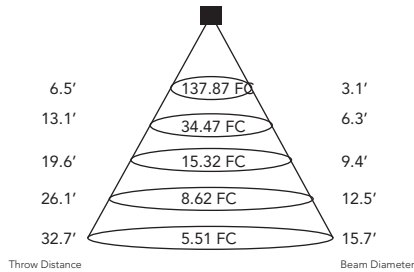


Zone	Lumens	%Lamp	%Luminaire
0-30	1,290.4	85.7%	85.7%
0-40	1,420.0	94.3%	94.3%
0-60	1,495.1	99.3%	99.3%
60-90	11.0	0.7%	0.7%
0-90	1,506.1	100%	100%

Zone Lumen Summary

RPA - 15L 45° Beam, Square Small Open

TEST DATE 2019-07-12
SERIES RPA3-15L-30K-45°- Square Small Open
LUMENS 1461.3 LM
WATTS 20 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,036.8	70.9%	71%
0-40	1,297.5	88.8%	88.8%
0-60	1,448.0	99.1%	99.1%
60-90	13.2	0.9%	0.9%
0-90	1,461.2	100%	100%

Zone Lumen Summary

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