



PRIME

PRIME 4" LED ARCHITECTURAL ROUND FLANGED WALL WASH

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

USE OF PRODUCT

The 4" Prime Wall Wash Series Downlight is the ideal product for energy efficient lighting in commercial and residential applications where wall washing is required. Available in an assortment of color temperatures, optics, lumen outputs, and dimmable driver options.

PRIME FEATURES

Color Temperature: 2700K, 3000K, 3500K, or 4000K
SDCM: 2 step binning
Color Rendering Index: 93+ CRI
Optical Lens: 18°, 30°, 50°, 80°
Trim: Die cast or anodized
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. Light engine provides a quick disconnect with locking strain relief to housing.

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 adjusts 15°± horizontally within frame for square ceiling alignment.
- Collar notch allows for easy alignment for square applications.
- Aperture collar compatible up to 1½" ceiling thickness.
- Accommodation for 2" or 3" ceiling thickness available upon request.

OPTICS

Field replaceable optical lens available in 18°, 30°, 50°, and 80°. Easily achieve narrow spot to wide flood beam pattern. Option for frosted, honeycomb, or solite filter (2 Maximum).

DIMMING

Available in 8 driver selections. **(ID)** Standard all-inclusive ELV, Triac, and 0-10V 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)** Lutron 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.

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 both integral or remote test switch in 800 or 1700 delivered lumens.

TRIM OPTIONS

- All trims are self flanged die cast or anodized.
- Trim includes standard frosted acrylic diffuser.
- 12% lumens increase if remove standard frosted acrylic diffuser in field.
- Optical Enhancer reflects light evenly across the diffusion lens.
- Trims available in round or square in an assortment of standard or made to order finishes.

LABELS/COMPLIANCE/WARRANTY

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



HOUSING ORDERING INFORMATION

RPA4						
Series	Lumens	Color Temp	Voltage	Dimming	Optical Lens ⁹	Filter
PRIME	7L ¹ - 795 lm	27 - 2700K	UNV - 120-277V	ID ³ - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)	18 - 18°	None - Leave blank
SERIES	9L ¹ - 950 lm	30 - 3000K	120 - 120V	PEQ0 ⁴ - Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming	30 - 30°	F - Frosted filter
	12L ¹ - 1255 lm	35 - 3500K	347 ² - 347V	LDE1 ⁶ - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming	50 - 50°	H - Honeycomb
	16L ¹ - 1630 lm	40 - 4000K		LTE ^{5,8} - Lutron Hi-Lume 1% 2-wire	80 - 80°	S - Solite filter
	19L ¹ - 1960 lm			L3DA - Hi-lume 1% EcoSystem/3-Wire L3D Driver		
	24L ¹ - 2430 lm			EEI ^{6,7,8} - eldoLED Eco 1% Dim (0-10V)		
	26L ¹ - 2680 lm			EDIO ^{6,7,8} - eldoLED Solo 0.1% Dim (0-10V)		
	28L - 2840 lm			EDID ^{6,7,8} - eldoLED Solo 0.1% Dim (DALI)		

	RFW			
Housing Type	Aperture	Frame Accessories	Collar	Option
NC - Non-IC New Construction IC ¹⁰ - IC Air-tight New Construction	RFW - Round Flanged Wall Wash	C - C Channel bar hanger B - Flat bar hanger WJ - Wood Joist	Blank - 1.5" Depth 20 - 2" Depth 30 - 3" Depth MTO - Made to order	EI8 - Emergency battery with integral switch(800 Lumens) ER8 - Emergency battery with remote switch (800 Lumens) EI17 - Emergency battery with integral switch(1700 Lumens) ER17 - Emergency battery with remote switch (1700 Lumens) FCJS-E - Vive wireless individual controller(Ecosystem) FCJS-0 - Vive wireless individual controller(0-10) CP ¹⁰ - Chicago Plenum

TRIM ORDERING INFORMATION

4RFA		
Aperture Size / Shape / Trim Type / Style	Bevel / Flange Finish	Options
4RFA - 4" Round Flange Accent	W-W - White bevel / white flange H-W - Haze bevel / white flange B-B - Black bevel / black flange H-H - Haze bevel / Haze flange S-S - Specular clear bevel / Specular clear flange S-W - Specular clear bevel / white flange WE-WE - Wheat bevel / wheat flange MTO - Made to order	WL - Wet location

1. Compatible with IC new construction housing.
2. Step down transformer required.
3. Intelligent Drive is the standard driver.
4. Driver must not exceed 1255 lm
5. 120V only.
6. Inapplicable to 2840 Lumen offering.
7. Must specify logarithmic or linear eldoLED driver.
8. Confirm dimming curve: linear or logarithmic.
9. Without standard frosted acrylic diffuser.
10. Compatible up to 1630 lumens.

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4" PRIME WALL WASH

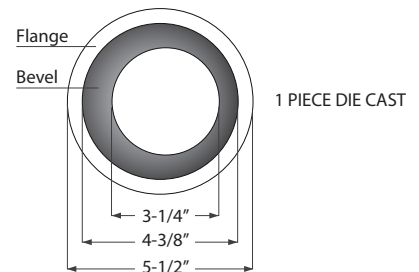
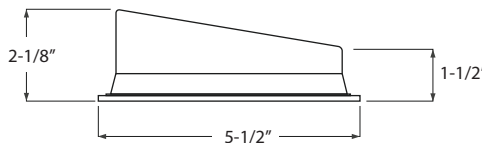
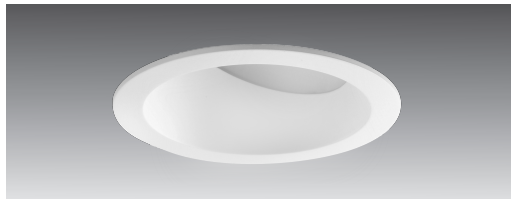
LUMEN CHART

Wattage	Delivered Lumens	Voltage	CRI
11W	795 Lm	120-277V	93+
16W	950 Lm	120-277V	93+
20W	1255 Lm	120-277V	93+
30W	1630 Lm	120-277V	93+
31W	1960 Lm	120-277V	93+
38W	2430 Lm	120-277V	93+
45W	2680 Lm	120-277V	93+
58W	2840 Lm	120-277V	93+

*Above chart, ordering information, and IES File name reflect delivered lumens based 3000K and 30° optical lens.
**Lumens will vary based on CCT, optical lens, and bevel finish.

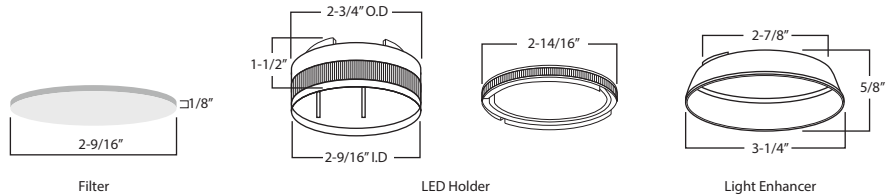
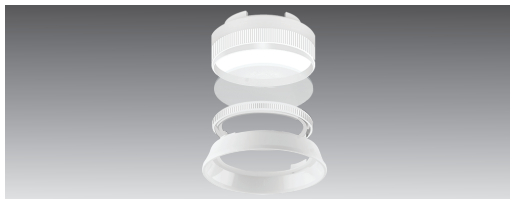
TRIM DIMENSION

Trim Details



LED HOLDER & FILTER DIMENSION

LED Holder and Filter



PRIME

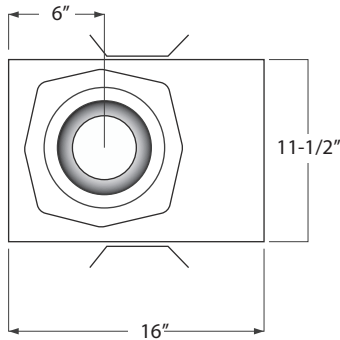
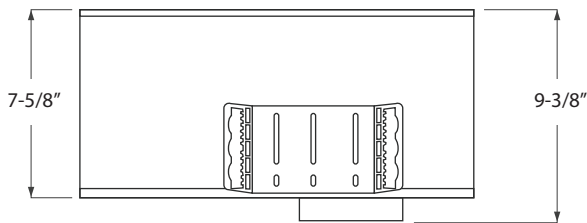
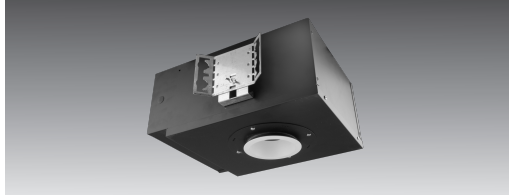
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4" PRIME WALL WASH

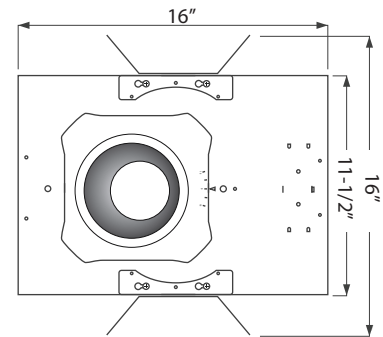
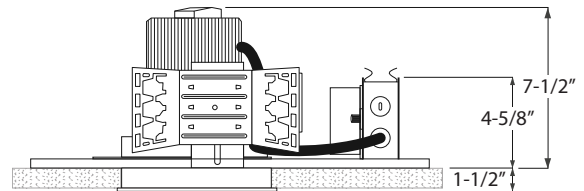
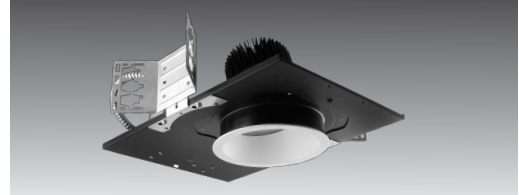
HOUSING DIMENSION

IC Housing Details

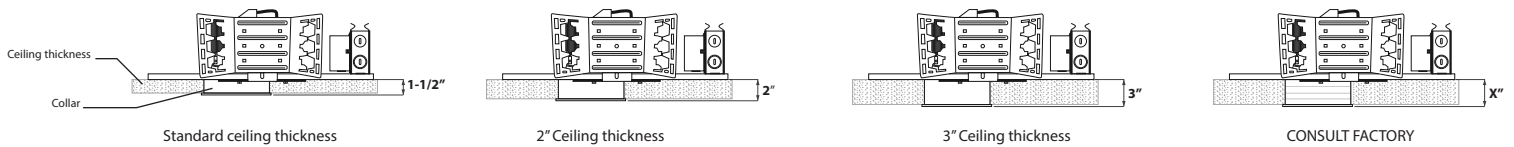


Ceiling Cut-out: 5-3/16"
Maximum Ceiling Thickness: 1-1/2"
Minimum Ceiling Thickness: 1/2"
Consult factory for custom ceiling thickness

Non-IC Housing Details



COLLAR DEPTH PER CEILING THICKNESS



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4" PRIME WALL WASH

FRAME ACCESSORIES

WJ

4" up to 8" CKOs

Slotted Holes allow for an easier installation

Plate is offset, allowing for adjustability with irregular stud spacing

Wood Joist

Fits up to 26" stud spacings

B

27"

1/2"

Flat Bar Hanger

C

25-3/16"

1-6/16"

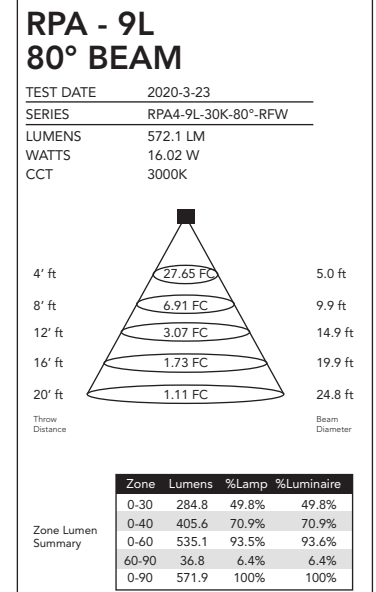
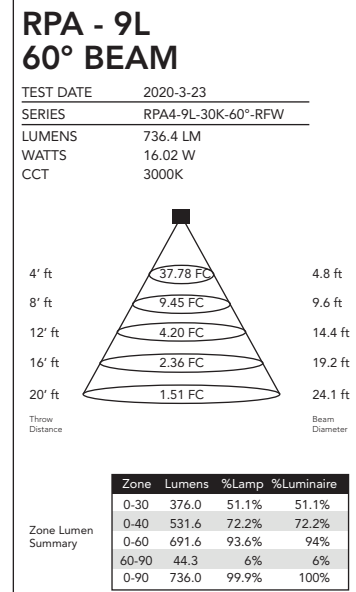
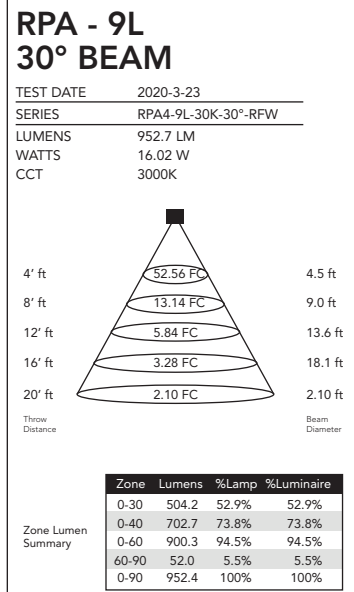
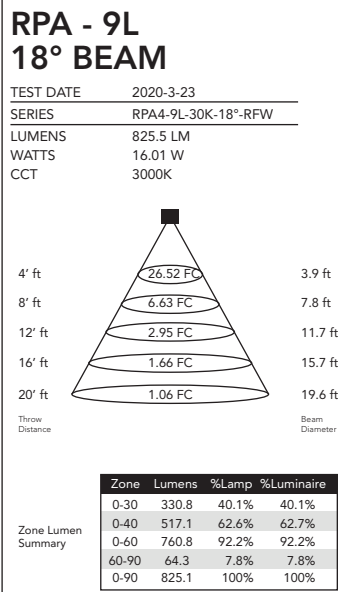
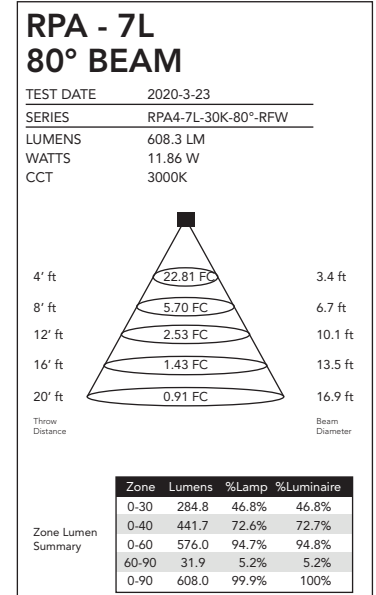
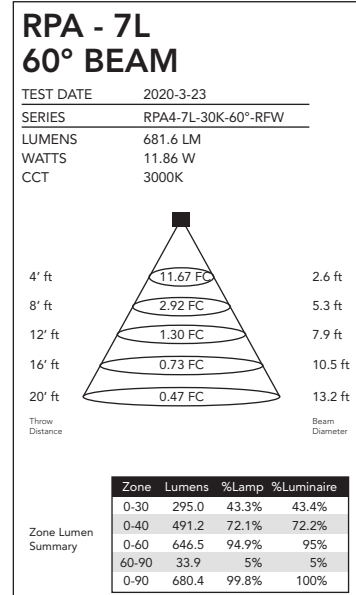
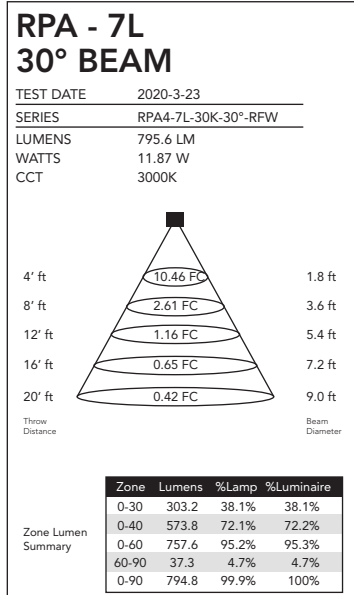
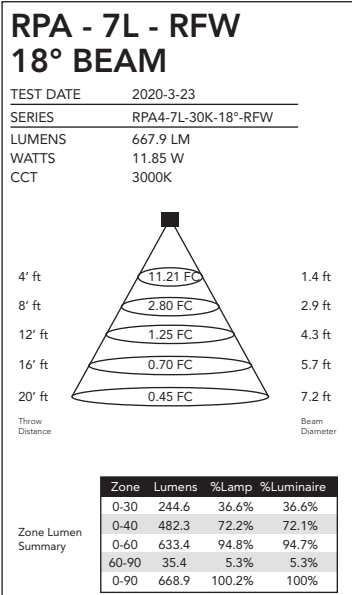
C Channel Bar Hanger

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4" PRIME WALL WASH

IES TECH INFO AT A GLANCE



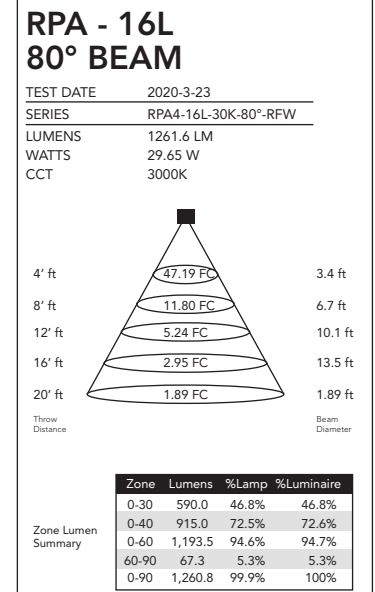
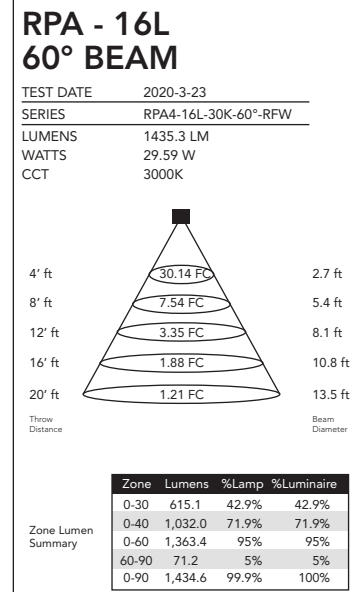
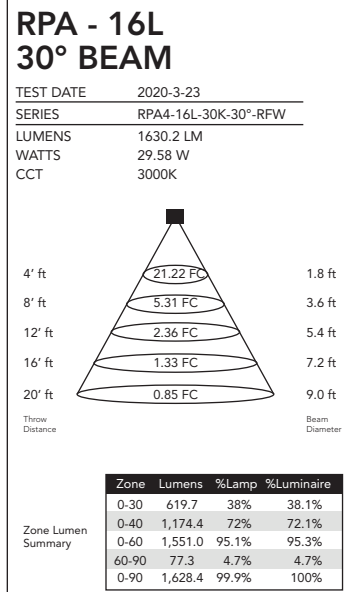
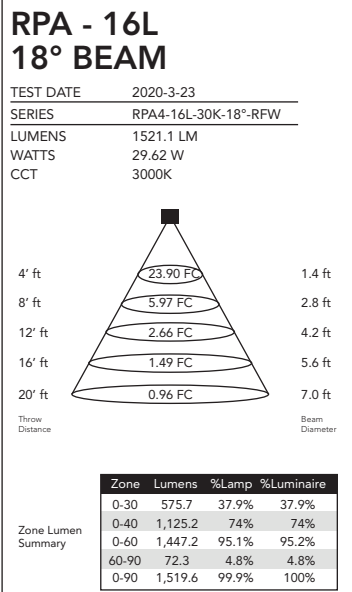
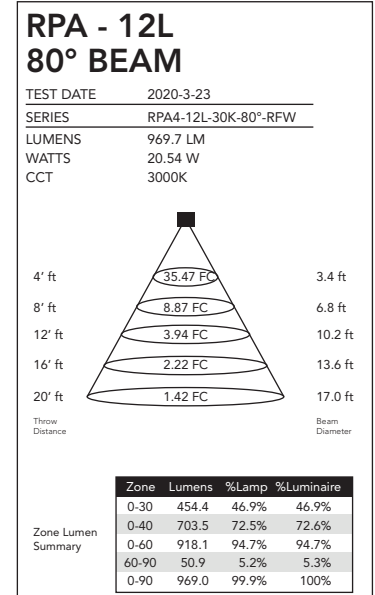
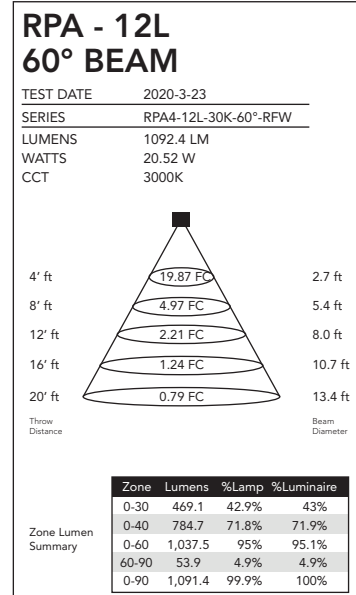
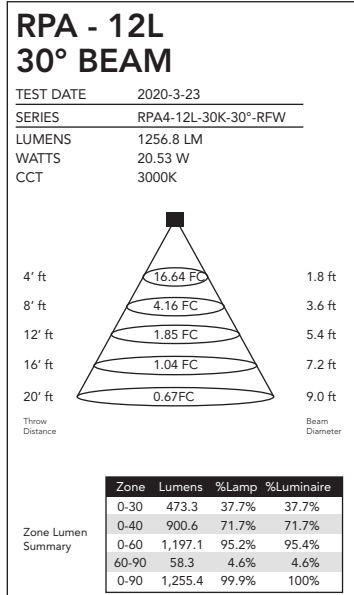
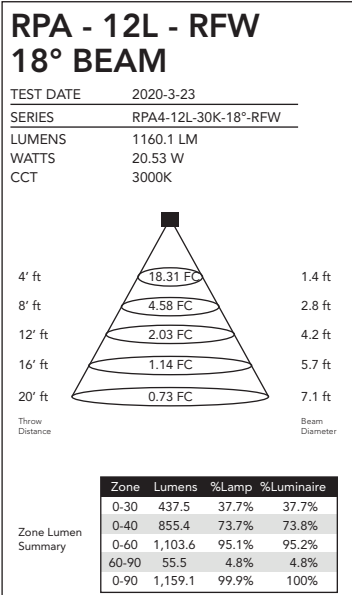
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PRIME

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ROUND FLANGED WALL WASH

4" PRIME WALL WASH

IES TECH INFO AT A GLANCE



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PRIME

PRIME 4" LED ARCHITECTURAL
ROUND FLANGED WALL WASH

4" PRIME WALL WASH

IES TECH INFO AT A GLANCE

RPA - 19L - RFW 18° BEAM

TEST DATE 2020-3-23
SERIES RPA4-19L-30K-18°-RFW
LUMENS 1792.7 LM
WATTS 28.19 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	698.7	39%	39%
0-40	1,329.9	74.2%	74.3%
0-60	1,707.7	95.3%	95.4%
60-90	83.2	4.6%	4.6%
0-90	1,791.0	99.9%	100%

RPA - 19L-RFW 30° BEAM

TEST DATE 2020-3-23
SERIES RPA4-19L-30K-30°-RFW
LUMENS 1962.9 LM
WATTS 28.18 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	771.8	39.3%	39.4%
0-40	1,419.7	72.3%	72.4%
0-60	1,871.9	95.4%	95.5%
60-90	89.0	4.5%	4.5%
0-90	1,960.9	99.9%	100%

RPA - 19L 60° BEAM

TEST DATE 2020-3-23
SERIES RPA4-19L-30K-60°-RFW
LUMENS 1704.2 LM
WATTS 28.18 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	745.2	43.7%	43.7%
0-40	1,230.8	72.2%	72.2%
0-60	1,619.5	95%	95%
60-90	84.4	5%	5%
0-90	1,703.9	100%	100%

RPA - 19L 80° BEAM

TEST DATE 2020-3-23
SERIES RPA4-19L-30K-80°-RFW
LUMENS 1516.9 LM
WATTS 28.16 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	710.4	46.8%	46.9%
0-40	1,098.0	72.4%	72.4%
0-60	1,435.6	94.6%	94.7%
60-90	80.2	5.3%	5.3%
0-90	1,515.8	99.9%	100%

RPA - 24L 18° BEAM

TEST DATE 2020-3-23
SERIES RPA4-24L-30K-18°-RFW
LUMENS 2230.3 LM
WATTS 37.27 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	861.6	38.6%	38.7%
0-40	1,648.7	73.9%	74%
0-60	2,124.6	95.3%	95.4%
60-90	103.5	4.6%	4.6%
0-90	2,228.1	99.9%	100%

RPA - 24L 30° BEAM

TEST DATE 2020-3-23
SERIES RPA4-24L-30K-30°-RFW
LUMENS 2430.1 LM
WATTS 37.31 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	953.5	39.2%	39.3%
0-40	1,758.8	72.4%	72.4%
0-60	2,317.6	95.4%	95.4%
60-90	110.5	4.5%	4.6%
0-90	2,428.1	99.9%	100%

RPA - 24L 60° BEAM

TEST DATE 2020-3-23
SERIES RPA4-24L-30K-60°-RFW
LUMENS 2104 LM
WATTS 37.31 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	937.4	44.6%	44.6%
0-40	1,534.5	72.9%	73%
0-60	1,998.3	95%	95%
60-90	104.3	5%	5%
0-90	2,102.5	99.9%	100%

RPA - 24L 80° BEAM

TEST DATE 2020-3-23
SERIES RPA4-24L-30K-80°-RFW
LUMENS 1888.7 LM
WATTS 37.31 W
CCT 3000K

Zone	Lumens	%Lamp	%Luminaire
0-30	884.6	46.8%	46.9%
0-40	1,367.1	72.4%	72.4%
0-60	1,786.9	94.6%	94.7%
60-90	100.3	5.3%	5.3%
0-90	1,887.1	99.9%	100%

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PRIME

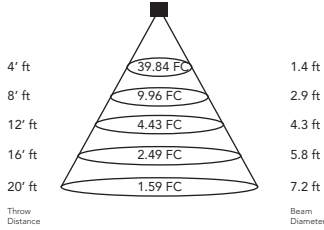
PRIME 4" LED ARCHITECTURAL
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4" PRIME WALL WASH

IES TECH INFO AT A GLANCE

RPA - 26L - RFW 18° BEAM

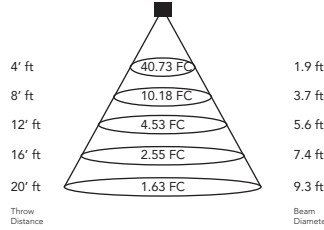
TEST DATE 2020-3-23
SERIES RPA4-26L-30K-18°-RFW
LUMENS 2486.1 LM
WATTS 44.08 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	963.5	38.8%	38.8%
0-40	1,841.2	74.1%	74.1%
0-60	2,368.2	95.3%	95.4%
60-90	115.2	4.6%	4.6%
0-90	2,483.3	99.9%	100%

RPA - 26L-RFW 30° BEAM

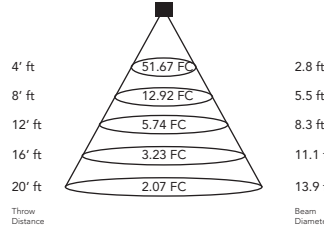
TEST DATE 2020-3-23
SERIES RPA4-26L-30K-30°-RFW
LUMENS 2681.4 LM
WATTS 44.07 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,063.3	39.7%	39.7%
0-40	1,948.4	72.7%	72.7%
0-60	2,553.9	95.2%	95.3%
60-90	124.9	4.7%	4.7%
0-90	2,678.9	99.9%	100%

RPA - 26L 60° BEAM

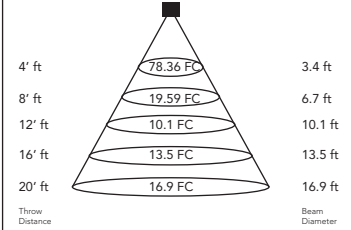
TEST DATE 2020-3-23
SERIES RPA4-26L-30K-60°-RFW
LUMENS 2331 LM
WATTS 44.02 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,036.0	44.4%	43.7%
0-40	1,697.3	72.8%	72.2%
0-60	2,213.9	95%	95%
60-90	115.5	5%	5%
0-90	2,329.4	99.9%	100%

RPA - 26L 80° BEAM

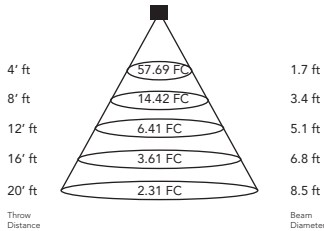
TEST DATE 2020-3-23
SERIES RPA4-26L-30K-80°-RFW
LUMENS 2086.9 LM
WATTS 43.99 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	985.7	46.8%	46.9%
0-40	1,522.4	72.4%	72.4%
0-60	1,435.6	94.6%	94.7%
60-90	80.2	5.3%	5.3%
0-90	1,515.8	99.9%	100%

RPA - 28L 18° BEAM

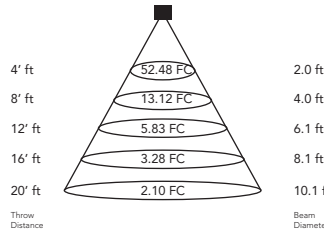
TEST DATE 2020-3-23
SERIES RPA4-28L-30K-18°-RFW
LUMENS 2568.5 LM
WATTS 57.48 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,086.3	42.3%	42.3%
0-40	1,912.3	74.5%	74.5%
0-60	2,440.9	95%	95%
60-90	127.4	5%	5%
0-90	2,568.4	100%	100%

RPA - 28L 30° BEAM

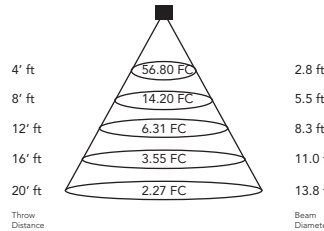
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SERIES RPA4-28L-30K-30°-RFW
LUMENS 2842.6 LM
WATTS 57.50 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,180.0	41.5%	41.5%
0-40	2,068.5	72.8%	72.8%
0-60	2,703.3	95.1%	95.2%
60-90	137.1	4.8%	4.8%
0-90	2,840.4	99.9%	100%

RPA - 28L 60° BEAM

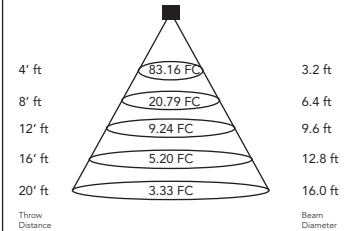
TEST DATE 2020-3-23
SERIES RPA4-28L-30K-60°-RFW
LUMENS 2542.6 LM
WATTS 57.48 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,105.4	43.5%	43.5%
0-40	1,819.9	71.6%	71.6%
0-60	2,408.6	94.7%	94.8%
60-90	132.2	5.2%	5.2%
0-90	2,540.9	99.9%	100%

RPA - 28L 80° BEAM

TEST DATE 2020-3-23
SERIES RPA4-28L-30K-80°-RFW
LUMENS 2373.7 LM
WATTS 57.49 W
CCT 3000K



Zone	Lumens	%Lamp	%Luminaire
0-30	1,084.6	45.7%	45.7%
0-40	1,706.5	71.9%	71.9%
0-60	2,244.9	94.6%	94.6%
60-90	128.0	5.4%	5.4%
0-90	2,372.8	100%	100%

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