



8" ROUND DOWNLIGHT



PERFORMANCE DATA				
MODEL NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
AR8ES11L	1100	953	11	87
AR8ES15L	1500	1299	15	87
AR8ES20L	2000	1732	20	87

QUICK SHIP

Quick Ship highlights products that can ship in 3 - 5 working days.

FEATURES

8" downlight and wall wash series with deep regress for visual comfort providing 50° source cutoff. Optional downlight lens for wet location applications. Zhaga international standard LED module for ease of maintenance and future replacement. Tool-less LED module and J-Box access. Expandable 14.2"-26". bar hangers included. Quick connect LED module and trim attachment.

TRIM FINISH

Variety of powdercoat and anodized finishes available. Specify finish and flange finish.

ELECTRONICS

120V and Universal Input with standard 0-10V 1% Dimming. LED system features high efficacy LEDs backed by standard softening lens. Standard CRI is 80+. Drivers are overload and short circuit protected as well as thermally regulated. Sound rating A. Auto dim thermal protector for long term reliability.

CONSTRUCTION

Housing/frame constructed of #22 GA galvanized steel. Self-flanged one piece trim spun from 0.063" thick high purity aluminum and finished to specification. Passive internal aluminum heatsink.

CODE COMPLIANCE

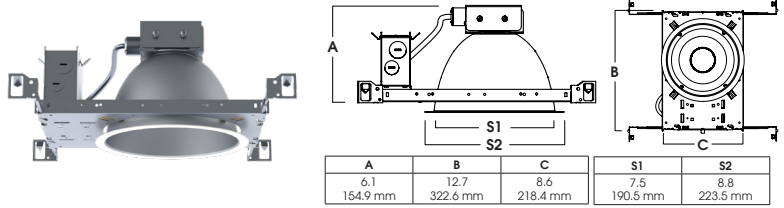
BAA Compliant. Non-IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750.

RATED LIFE

Rated for 50,000 Hours at 70% lumen maintenance. (L70)

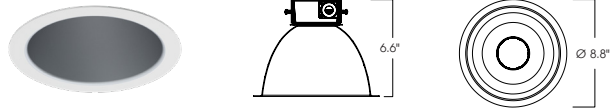
HOUSING DIMENSIONS

SP8ES - 8" NEW CONSTRUCTION

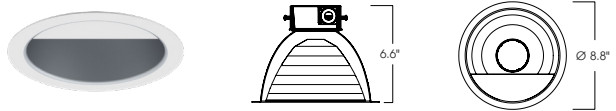


TRIM OPTIONS

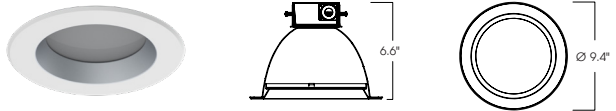
AR8ES - 8" DOWNLIGHT



AR8WES - 8" WALL WASH



AR8LES - 8" LENSED WET LOCATION



FIXTURE HOUSING SPECIFICATION

SERIES	LUMENS ¹	CCT	DRIVER / VOLTAGE
SP8ES	11L 1100 Lm	30K 3000K	D1 1%, 0-10V, 120V
	15L 1500 Lm	35K 3500K	DX 1%, 0-10V, 120V/277V
	20L 2000 Lm	40K 4000K	DXEM 1%, 0-10V, 120V/277V Emergency Battery

TRIM / MODULE SPECIFICATION

TRIM	FINISH	FLANGE FINISH
AR8ES Downlight	SG Semi-Diffuse	MF ¹ Matching Flange
AR8WES Wall Wash	MW Matte White	WF ² White Flange
AR8LES Lensed Wet Location	AN Anodic Natural	
	AC Anodic Champagne	
	MB Matte Black	
	PT Platinum Silver	
	CC ³ Custom Finish	

ACCESSORIES		
ORDER SEPARATELY		
GOOF RING		
GRES8	MW	Matte White
	MB	Matte Black
	PT	Platinum Silver
	CC	Custom Color

QUICK SHIP

EXAMPLE: SP8ES11L30KDX/AR8ESMWMF

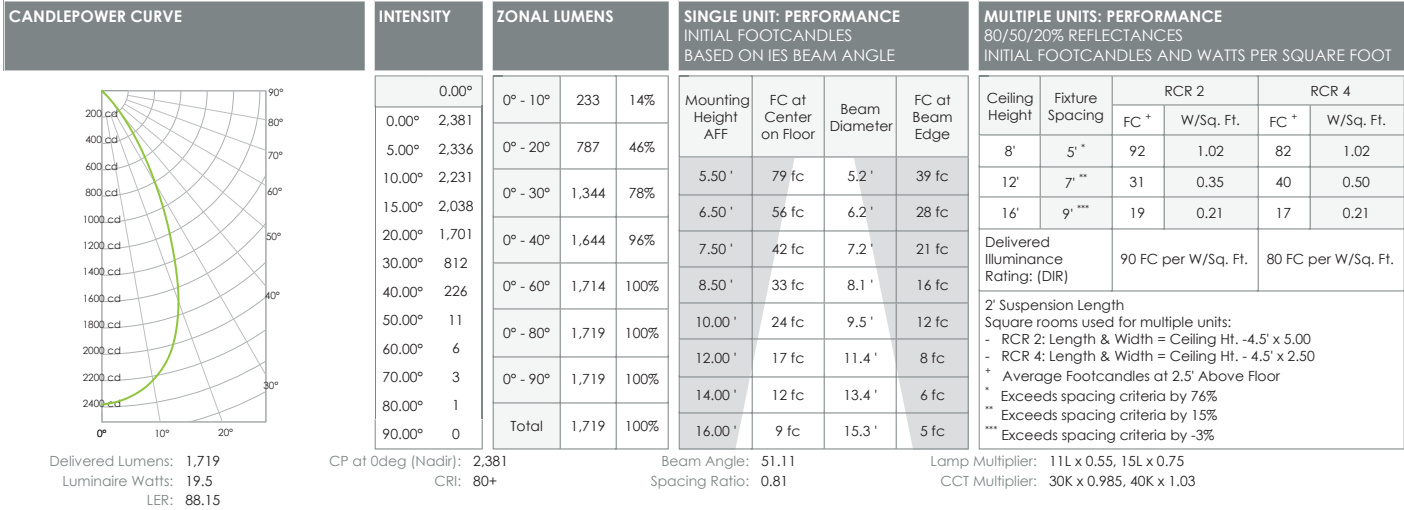
NOTES:

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens 80 CRI at 35K with AR8ES-SG, with Any Flange Finish
 3 Contact Factory for Special Finishes 4 Flange Same Color as Inside of Trim 5 For Use with Non-White Trim



PHOTOMETRIC DATA - 8" ROUND

SP8ES-20L-35K-DX / AR8ES-SG-xF



Delivered Lumens: 1,719
Luminaire Watts: 19.5
LER: 88.15

CP at 0deg (Nadir): 2,381
CRI: 80+

Beam Angle: 51.11
Spacing Ratio: 0.81

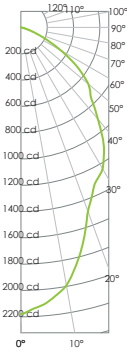
Lamp Multiplier: 11L x 0.55, 15L x 0.75
CCT Multiplier: 30K x 0.985, 40K x 1.03



PHOTOMETRIC DATA - 8" ROUND WALL WASH

SP8ES-20L35K-DX-AR8WES-SG

CANDLEPOWER CURVE

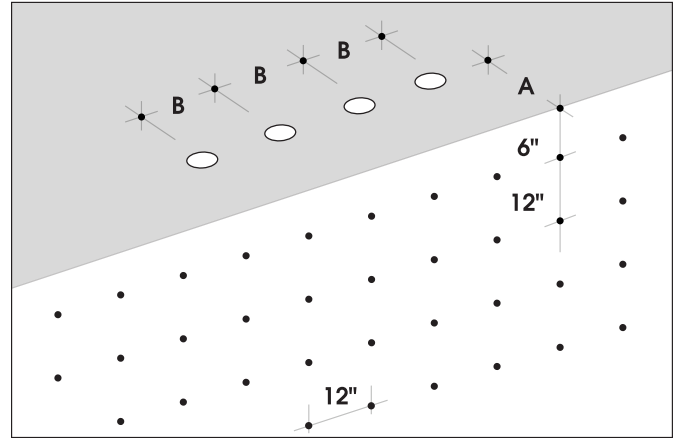


Delivered Lumens: 1,764
 Luminaire Watts: 20
 LER: 88.20

CP at 0deg (Nadir): 2,181
 CRI: 80+

Lamp Multiplier: 11L x 0.55, 15L x 0.75
 CCT Multiplier: 4000K X 1.03, 3000K X 0.985

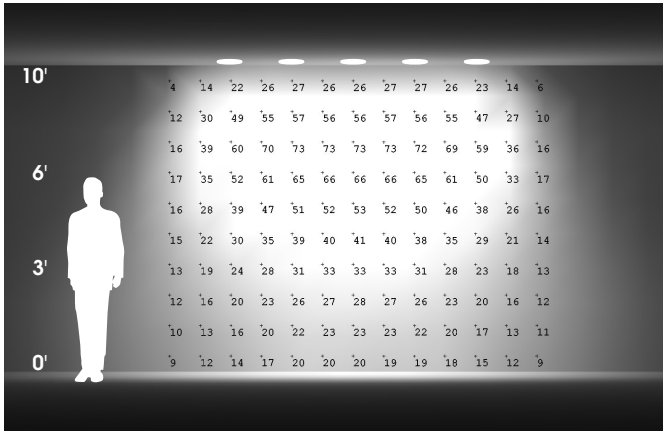
PERFORMANCE DATA - REFERENCE DIAGRAM



A DISTANCE FROM WALL TO CENTER OF FIXTURE
 B SPACING SPACING O.C.

PERFORMANCE DATA - INITIAL ILLUMINATION (FOOTCANDLES) ON WALL - 80/50/20 REFLECTANCES

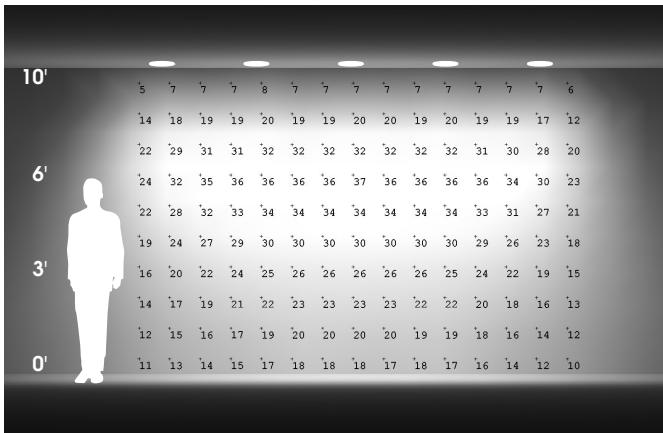
Performance Data calculated using AGI32, consult factory for details.



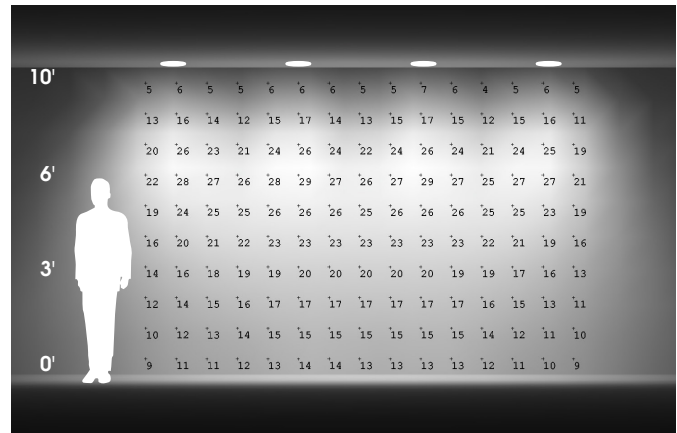
(5) SP8ES-20L35K-DX-AR8WES-SG
 A DISTANCE 2'0"
 B SPACING 2'0" O.C.



(5) SP8ES-20L35K-DX-AR8WES-SG
 A DISTANCE 2'6"
 B SPACING 2'6" O.C.



(5) SP8ES-20L35K-DX-AR8WES-SG
 A DISTANCE 3'0"
 B SPACING 3'0" O.C.



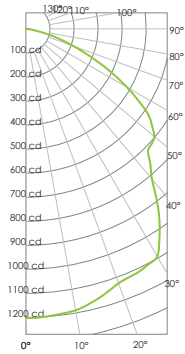
(4) SP8ES-20L35K-DX-AR8WES-SG
 A DISTANCE 3'0"
 B SPACING 4'0" O.C.



PHOTOMETRIC DATA - 8" ROUND WALL WASH

SP8ES-20L35K-DX-AR8WES-MW

CANDLEPOWER CURVE

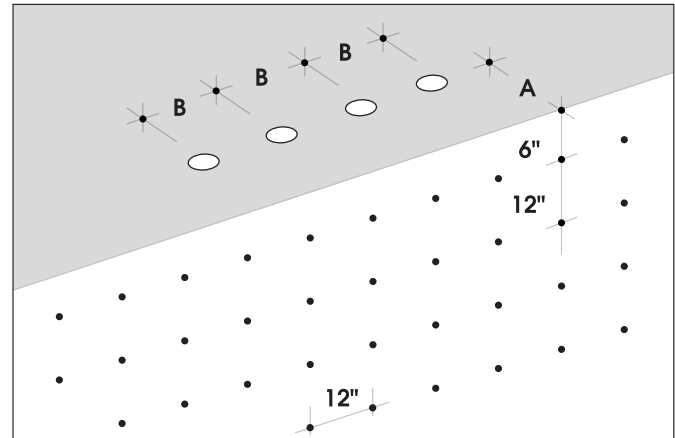


Delivered Lumens: 1,683
 Luminaire Watts: 20
 LER: 84.15

CP at 0deg (Nadir): 1,203
 CRI: 80+

Lamp Multiplier: 11L x 0.55, 15L x 0.75
 CCT Multiplier: 4000K X 1.03, 3000K X 0.985

PERFORMANCE DATA - REFERENCE DIAGRAM



A DISTANCE FROM WALL TO CENTER OF FIXTURE
 B SPACING SPACING O.C.

PERFORMANCE DATA - INITIAL ILLUMINATION (FOOTCANDLES) ON WALL - 80/50/20 REFLECTANCES

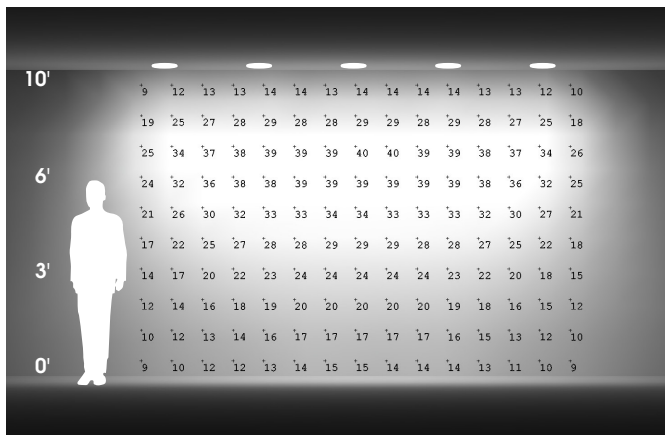
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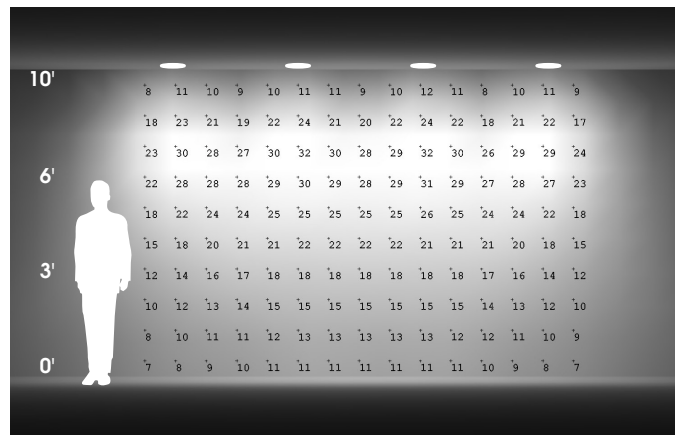
(5) SP8ES-20L35K-DX-AR8WES-MW
 A DISTANCE 2'0"
 B SPACING 2'0" O.C.



(5) SP8ES-20L35K-DX-AR8WES-MW
 A DISTANCE 2'6"
 B SPACING 2'6" O.C.



(5) SP8ES-20L35K-DX-AR8WES-MW
 A DISTANCE 3'0"
 B SPACING 3'0" O.C.



(4) SP8ES-20L35K-DX-AR8WES-MW
 A DISTANCE 3'0"
 B SPACING 4'0" O.C.

