

SR3 - WALL WASH & ELLIPTICAL BEAMS



PREMIUM ARCHITECTURAL GRADE DOWNLIGHTS



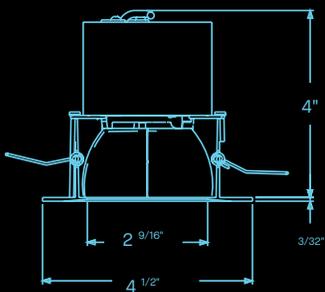
Spectrum Lighting

SR3_RNW3_

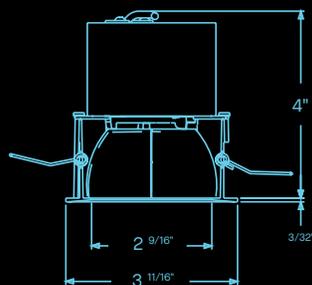
3" Wall Washer



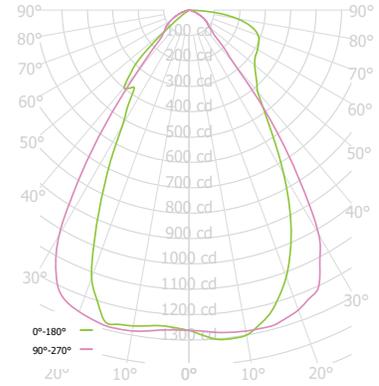
RNW3F - Open Wall Wash Flange



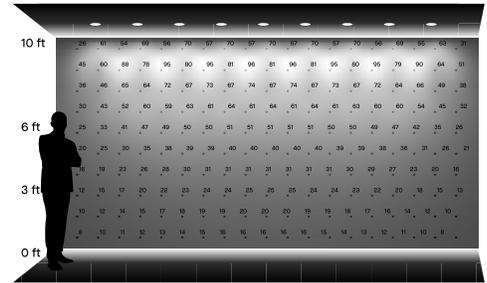
RNW3N - Open Wall Wash Flangeless



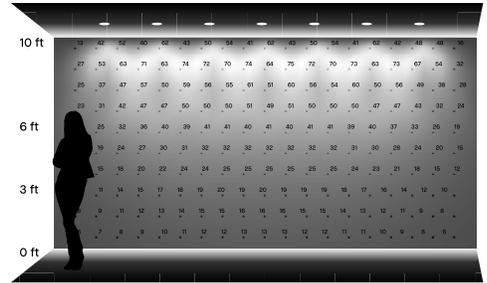
PERFORMANCE DATA



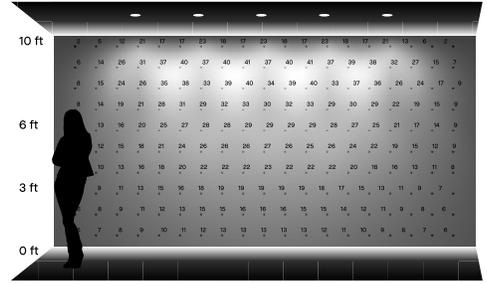
Delivered Lumens: 1900 CP at Odeg (Nadir): 1262
 Luminaire Watts: 26.3 CRI: 80
 LER: 72.24
 Lumen Multiplier: 10L x 0.44, 15L x 0.60, 20L x 0.82
 CCT Multiplier: 27K x 0.95, 30K x 0.97, 40K x 1.03



9 LUMINAIRES: 2' - 0" away from wall | 2' - 0" between luminaires



7 LUMINAIRES: 2' - 6" away from wall | 2' - 6" between luminaires



5 LUMINAIRES: 3' - 0" away from wall | 3' - 0" between luminaires



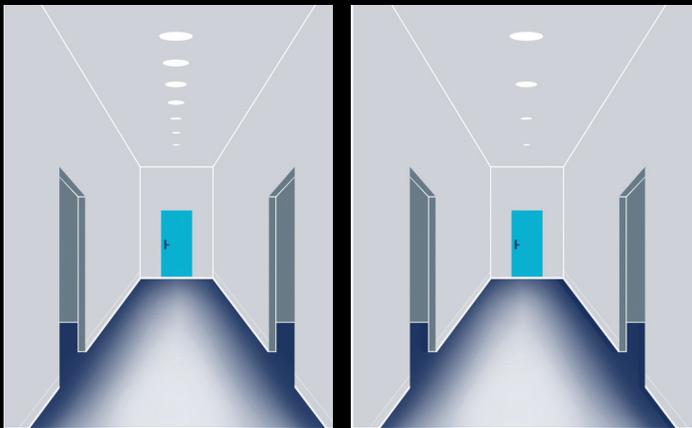
5 LUMINAIRES: 3' - 0" away from wall | 4' - 0" between luminaires

SR3_RD3_EB_

3" Downlight w/ Elliptical Beam



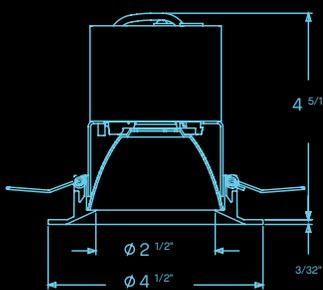
ENERGY SAVINGS BY USING FEWER FIXTURES



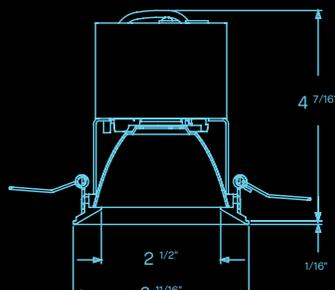
TYPICAL DOWNLIGHT

DOWNLIGHT W/ ELLIPTICAL BEAM

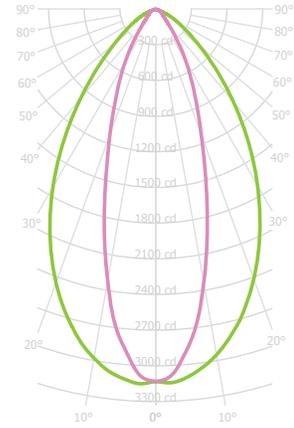
RD3F - Downlight Shallow Flange



RD3N - Downlight Shallow Flangeless



PERFORMANCE DATA

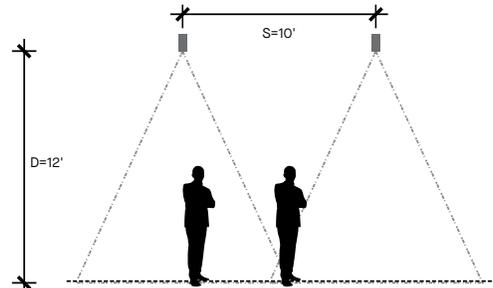


Delivered Lumens: 2444 CP at Odeg (Nadir): 3134
 Luminaire Watts: 26.3 CRI: 80
 LER: 92.93
 Lumen Multiplier: 07L x 0.32, 10L x 0.45, 15L x 0.60, 20L x 0.82
 CCT Multiplier: 27K x 0.94, 30K x 0.96, 40K x 1.03

Example A: Uniform FC at Floor



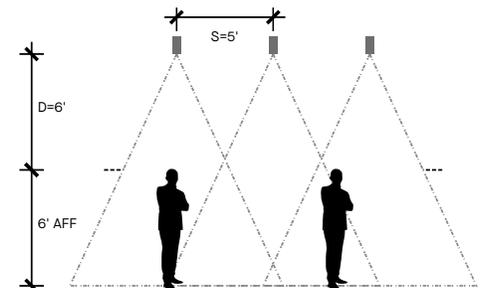
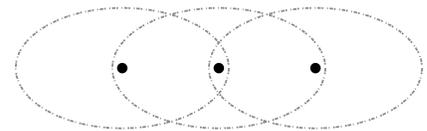
64° x 32° Beam Angles oriented for linear, overlapping light pattern



Example A: Uniform FC at Floor

S = Spacing between fixtures
 D = Distance from aperture to horizontal plane
 $\frac{S}{D} = \frac{10'}{12'} = 0.83$
 Spacing Ratio for this optic: 0.92 x 0.52 With optic oriented as shown, Spacing Ratio should be ≤ 0.82

Example B: Uniform FC at 6' AFF



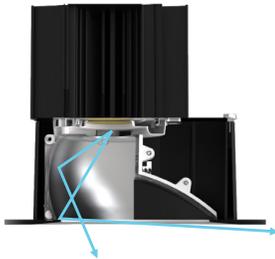
Example B: Uniform FC at 6' AFF

Note: Illumination will also be uniform at < 6' AFF

SR3_RNW3_

3" Wall Washer

The RNW3 Wall Wash, 3" A Spec Recessed product series is a perfect complement to the rest of the 3" series. It's unique [patented] optical system is totally recessed in the ceiling with no additional items needed.



The system provides high (close to ceiling) even illumination for vertical surfaces with superior room side glare control. The measured performance of the system is extremely efficient, with the most even distribution vertically and horizontally in its category.

It's small size and delivered lumens make this product well suited for all applications where even illumination is desired.

- Best performance illumination measured both vertically and horizontally in its aperture size (3").
- Excellent illumination all the way up to the ceiling line.
- Superior aperture brightness control on the room side of the luminaire.

SR3_RD3_EB_

3" Downlight w/ Elliptical Beam

Our Elliptical Beam patterns allow downlights to be spaced further apart in one direction, such as in a long hallway, for a more energy-efficient, lighting layout.

Our Elliptical Beam patterns provide higher, above finished floor, beamspread overlap, in one direction, to more uniformly illuminate people, even if they are between luminaires.

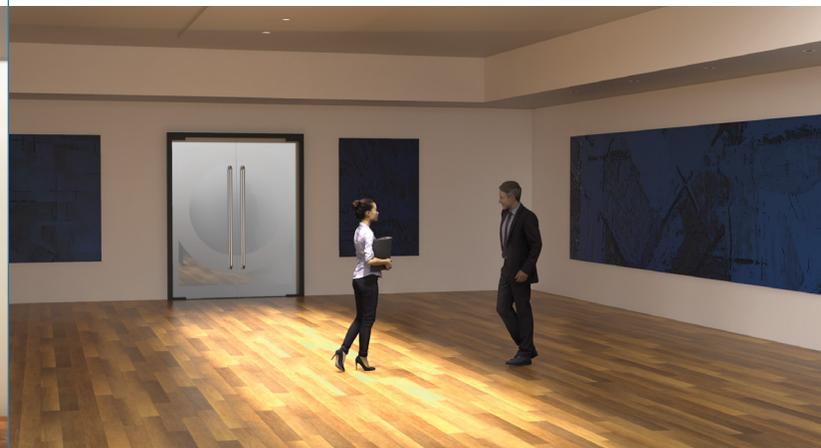
Downlights with Elliptical Beam patterns can be arranged in clusters, such as 3-in-a-row, or a 4-square-pattern; with the clusters spaced apart, for a more dynamic lighting layout that provides adequate general illumination and visual interest.

The resulting oval pattern can be directed to any surface, horizontal to vertical, to throw an oval pattern of light.

Application Examples:

- Column, freestanding, or engaged
- Elevator Doors
- Retail end-cap displays
- Vertically oriented sculptures
- Banners/Flags (vertical or horizontal)
- Floor material patterns / wayfinding
- Bar, desk or table
- Restrooms

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ILLUMINATING WHAT'S POSSIBLE.

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