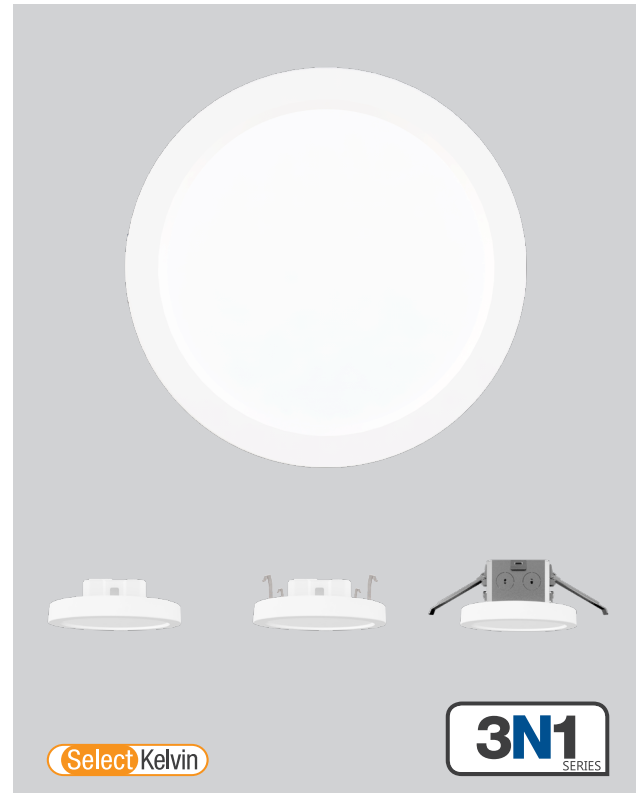


Project Name:	Type:
Part Number:	Date:

# 3N1 5" SURFACE MOUNT

## SPECIFICATION FEATURES

- **Mechanical** - Die cast aluminum heat sink. Polycarbonate trim. Smooth diffuse polycarbonate lens. Galvanized steel bracket mounts to industry standard 4" junction boxes from below the ceiling.
- **Electrical** - Universal 120-277V or 120V only, 50/60 Hz drivers available. Universal voltage, 0-10V drivers are dimmable to 5%. 120V drivers are dimmable to 10% using TRIAC or ELV dimmers.
- **Optical** - Edge lighting technology featuring a PMMA light guide plate and smooth polycarbonate lens ensures an even light emitting surface. 110° beam angle. Using SelectKelvin technology, field select color temperature between 3000K/3500K/4000K with a minimum of 90 CRI.
- **Thermal** - Die cast heat sink maximizes passive thermal management and achieves a L70 rated lifetime of 50,000 hours. Ambient temperature rated from -22°F to 95°F (-30°C to 35°C).
- **Compliance and Warranty** - ETL Classified and Listed for wet locations. Certified air-tight per ASTM 283-04. IC Rated for direct contact with insulation. Complies with FCC 47CFR Part 15B consumer limits for EMI/RFI emissions. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5). 5 year parts warranty for complete fixture.



041621



## BENEFITS

- Installs almost anywhere with Air-Tight, IC and Wet Location ratings
- Three mounting options, with J-box, recessed housing or direct ceiling
- Field selectable CCT
- 0-10V or 120V dimmable

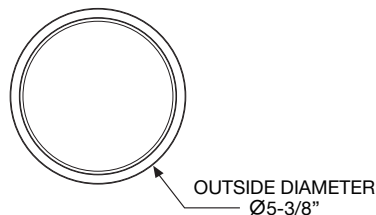
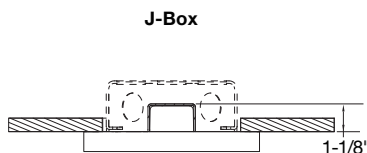
## APPLICATIONS

- Commercial – Offices, Common Areas, Vestibules, Storage Closets
- Residential – Bathrooms, Laundry Rooms, Kitchens, Closets, Garages
- Hospitality – Hallways, Bathrooms, Bedrooms, Storage Rooms

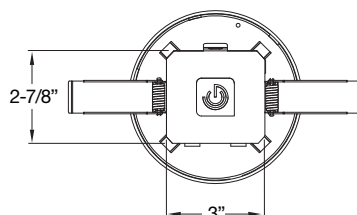
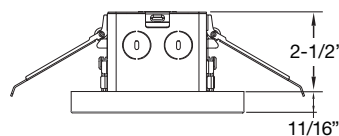
## ORDERING INFORMATION

Series	Size	CRI	CCT	Dimming
<input checked="" type="checkbox"/> <b>3N1</b> 3 N 1	<input checked="" type="checkbox"/> <b>5</b> 5" 700lm	<input checked="" type="checkbox"/> <b>90</b> CRI 90	<input checked="" type="checkbox"/> <b>CCTS</b> Selectable CCT 3000/3500/4000K	<input type="checkbox"/> <b>DIM120V</b> 120V Forward and Reverse Phase Dimming  <input type="checkbox"/> <b>DIM010UNV</b> Universal 120-277V, 0-10V dimming

## LINE DRAWINGS



SHOWN WITH 3N1/ACC/JBOX



SHOWN WITH 3N1/ACC/4CAN

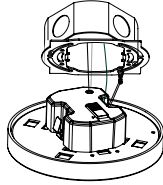


Ceiling Cutout	
Minimum	Maximum
Ø 4-3/8"	Ø 4-3/4"

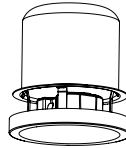
# 3N1 5" SURFACE MOUNT

## INSTALLATION METHODS

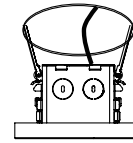
Junction Box Mount



4" Recessed Housing



Direct Ceiling Mount

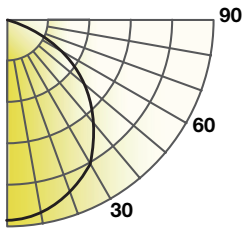


## TECHNICAL INFORMATION

Dimming	Input Voltage	Input Frequency	Input Current	Input Power	THD Power	Power Factor
DIM120V	120V	50 / 60Hz	0.084A max	10W	<20%	>0.9
DIM010VUNV	120V	50 / 60Hz	0.084A max	10W	<20%	>0.9
	277V		0.044A max			

## PHOTOMETRY

3N1/5/90/CCTS/DIM120V (3500K Selected)



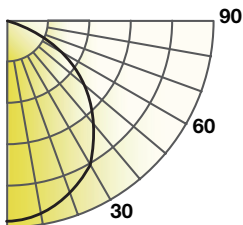
Lumens: 785 lm  
 CBCP: 273 cd  
 Power: 9.9 W  
 Efficacy: 80 lm/W  
 CRI: 90+  
 Spacing Criteria: 1.26  
 Beam Angle: 113°

Candlepower Distribution	
Angle (°)	Average (cd)
10	268
20	254
30	232
40	202
50	165
60	122
70	74
80	30
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	6	24.3
10	4	30.4
12	3	36.5
14	2	42.5
16	2	48.6

Zonal Lumen Summary		
Zone	Lumens	%Fixture
0-30	212	27%
0-40	349	45%
0-60	619	79%
0-90	785	100%

3N1/5/90/CCTS//DIM010UNV (3500K Selected)



Lumens: 774 lm  
 CBCP: 270 cd  
 Power: 9.5 W  
 Efficacy: 82 lm/W  
 CRI: 90+  
 Spacing Criteria: 1.26  
 Beam Angle: 113°

Candlepower Distribution	
Angle (°)	Average (cd)
10	270
20	252
30	230
40	200
50	163
60	120
70	74
80	30
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	6	24.3
10	4	30.3
12	3	36.4
14	2	42.5
16	2	48.5


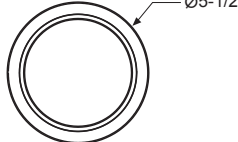

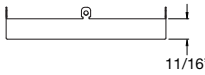

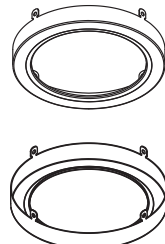

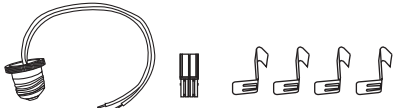

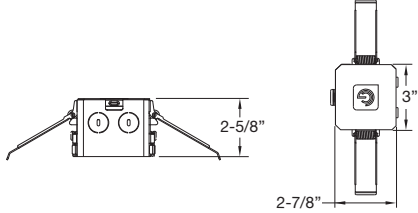
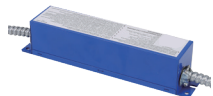
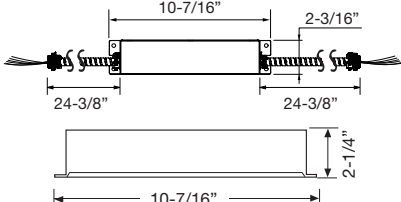
Zonal Lumen Summary		
Zone	Lumens	%Fixture
0-30	210	27%
0-40	345	45%
0-60	612	79%
0-90	774	100%



# 3N1 5" SURFACE MOUNT

NOMINAL PERFORMANCE						
	3N1/5/90/CCTS/DIMxxxx					
CCT	3000K		3500K		4000K	
Dimming	120V Dimming	0-10V	120V Dimming	0-10V	120V Dimming	0-10V
Output	10.2W	10.0W	9.9W	9.5W	9.6W	9.7W
Lumens	744	736	785	774	783	775
LPW	73	73	80	82	82	80

## ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimension
35469	3N1/TRM/5/BL	5" 3N1 - Black Trim		
35470	3N1/TRM/5/BZ	5" 3N1 - Bronze Trim		
35471	3N1/TRM/5/BN	5" 3N1 - Brushed Nickel Trim		
35478	3N1/ACC/4CAN	4" Can Installation Accessories		
35480	3N1/ACC/JBOX	Direct Mount Accessory J-Box <sup>1</sup>		
98003	23EMDRIVER	California Title 20 Compliant 23W Emergency LED Driver (Field Installation)		

<sup>1</sup> A 90° flex connector (provided by others) must be used when installing incoming power with MC cable to the knockouts on the j-box.



# 3N1 5" SURFACE MOUNT

## ORDERING GUIDE

Product	Model
35462	3N1/5/90/CCTS/DIM120V
35466	3N1/5/90/CCTS/DIM010UNV

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.