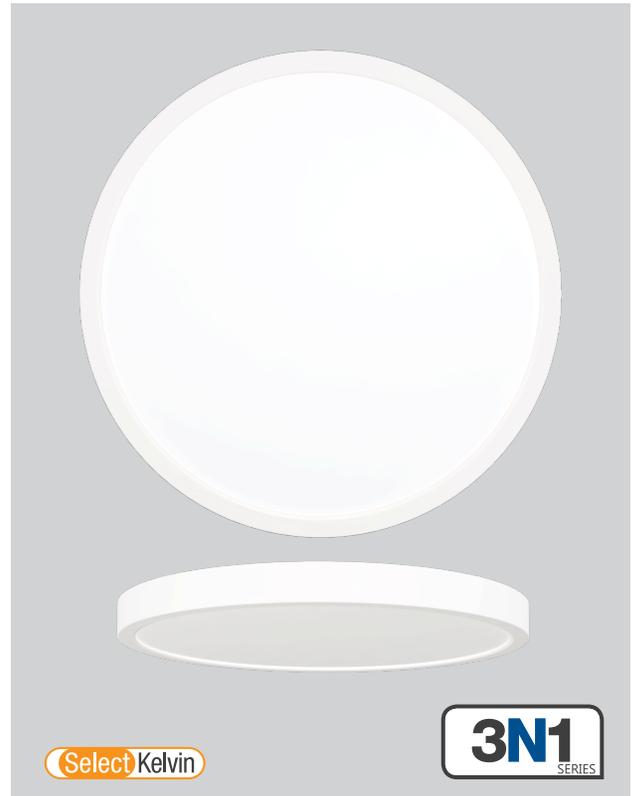


| | |
|---------------|-------|
| Project Name: | Type: |
| Part Number: | Date: |

3N1 12" 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** - 120V only, 50/60 Hz drivers available. 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
- Mounts to standard 4" J-box
- Field selectable CCT
- 120V dimmable

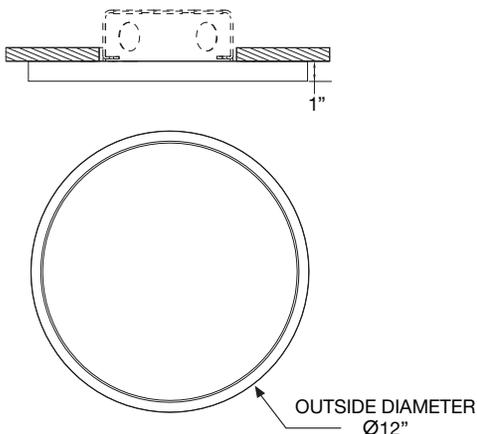
APPLICATIONS

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

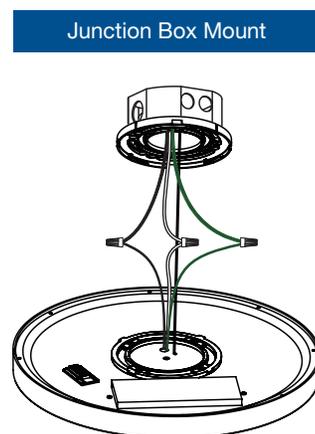
ORDERING INFORMATION

| Series | Size | CRI | CCT | Dimming |
|---|---|---|---|--|
| <input checked="" type="checkbox"/> 3N1 3 N 1 | <input checked="" type="checkbox"/> 12 12" 1800lm | <input checked="" type="checkbox"/> 90 CRI 90 | <input checked="" type="checkbox"/> CCTS Selectable CCT 3000/3500/4000K | <input checked="" type="checkbox"/> DIM120V 120V Forward and Reverse Phase Dimming |

LINE DRAWINGS



INSTALLATION METHODS



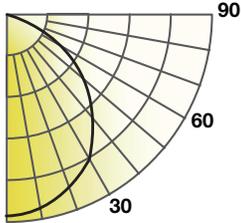
3N1 12" SURFACE MOUNT

TECHNICAL INFORMATION

| Dimming | Input Voltage | Input Frequency | Input Current | Input Power | THD Power | Power Factor |
|---------|---------------|-----------------|---------------|-------------|-----------|--------------|
| DIM120V | 120V | 50 / 60Hz | 0.175A max | 24W | <20% | >0.9 |

PHOTOMETRY

3N1/12/90/CCTS/DIM120V (3500K Selected)



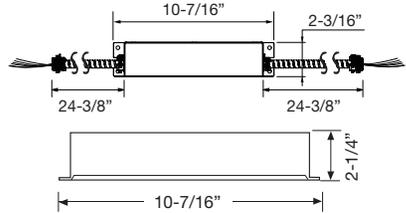
Lumens: 2,161 lm
 CBCP: 740 cd
 Power: 23.4 W
 Efficacy: 92 lm/W
 CRI: 90+
 Spacing Criteria: 1.28
 Beam Angle: 114°

| Candlepower Distribution | | Initial Footcandles | | | Zonal Lumen Summary | | |
|--------------------------|--------------|---------------------|----|---------------|---------------------|--------|----------|
| Angle (°) | Average (cd) | Height (ft) | Fc | Diameter (ft) | Zone | Lumens | %Fixture |
| 10 | 728 | 8 | 17 | 24.7 | 0-30 | 581 | 27% |
| 20 | 696 | 10 | 11 | 30.9 | 0-40 | 958 | 45% |
| 30 | 640 | 12 | 8 | 37.1 | 0-60 | 1,704 | 79% |
| 40 | 559 | 14 | 6 | 43.3 | 0-90 | 2,161 | 100% |
| 50 | 455 | 16 | 4 | 49.5 | | | |
| 60 | 334 | | | | | | |
| 70 | 215 | | | | | | |
| 80 | 86 | | | | | | |
| 90 | 0 | | | | | | |

NOMINAL PERFORMANCE

| | 3N1/12/90/CCTS/DIM120V | | |
|--------|------------------------|-------|-------|
| CCT | 3000K | 3500K | 4000K |
| Output | 24W | 23.4W | 23W |
| Lumens | 2,042 | 2,161 | 2,196 |
| LPW | 82 | 92 | 94 |

ACCESSORY ORDERING INFORMATION

| Product | Model | Description | Pictures | Dimension |
|---------|------------|---|--|---|
| 98003 | 23EMDRIVER | California Title 20 Compliant 23W Emergency LED Driver (Field Installation) |  |  |

ORDERING GUIDE

| Product | Model |
|---------|------------------------|
| 35465 | 3N1/12/90/CCTS/DIM120V |

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