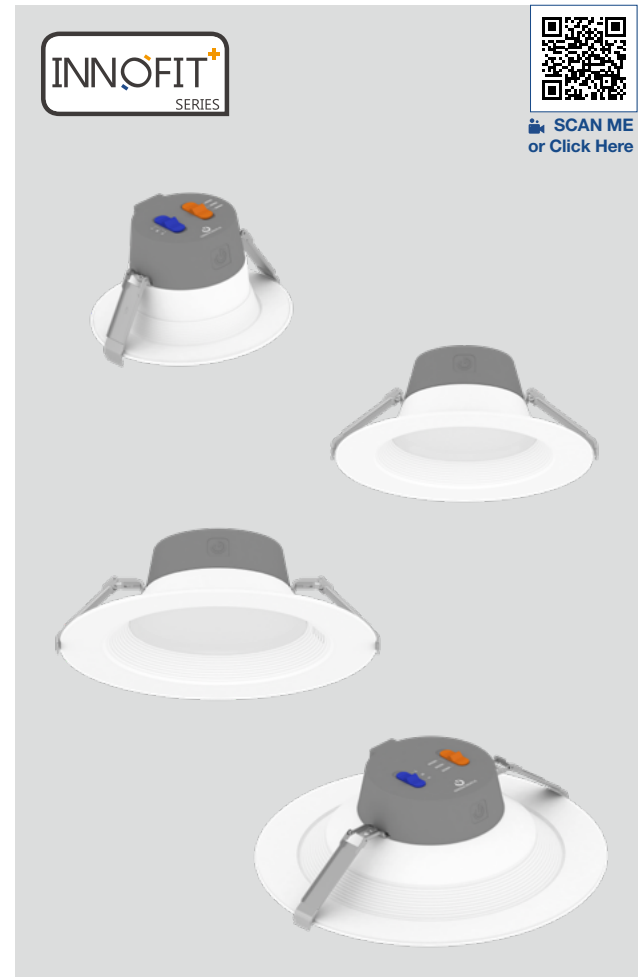


|               |       |
|---------------|-------|
| Project Name: | Type: |
| Part Number:  | Date: |

# INNOFIT PLUS SERIES

## SPECIFICATION FEATURES

- **Mechanical** - The INNOFIT PLUS Downlight is built with a die cast aluminum housing and proprietary integrated IC-rated potted driver providing a great thermal management system to ensure the long life of electronic components. This series is for both new construction and retrofit applications, it can be installed directly into drywall or ceiling grid. Stainless steel spring action clips allow for both easy direct installation from 1/2" to 2" ceiling thicknesses and field accessibility below the ceiling for service or replacement. Post painted in matte white for standard fixture.
- **Electrical** - Field select from three lumen outputs using SelectDrive technology. There are 120V ELV/TRIAC Dimming or 0-10V Dimming drivers options for maximum adaptability in any spaces whether it's commercial, residential or mixed. Rated for 120 to 277V, 50/60 Hz the driver is 0-10V dimmable to 5% with low-end cut off. Rated for 120V, the driver is Forward and Reverse phase dimmable down to 10%. Please consult dimmer compatibility for additional information. Sound rating <22db.
- **Optical** - Self flanged spun aluminum reflector, painted with high reflection matte white offers a uniform, comfortable appearance. High resistance and non yellowing polycarbonate lens creates a low-glare wide angle light diffusion. Featuring SelectKelvin technology, CCT are adjustable to 3000K/3500K/4000K with switches in the field to meet the requirements of numerous applications. LED binning within 3 SDCM maximum. Offered in minimum 80 CRI. 105° optical wide beam angle standard.
- **Thermal** - Die cast heat sink maximizes passive thermal management and achieves a L70 calculated lifetime of 100,000 hours, at 25°C, meeting TM-21-19 requirements. Ambient temperature rated from -13°F to 113°F (-25°C to 45°C). IC installation for IC rated parts limited to ambient temperature +35°C /95.0°F for 4"/6"/8" and +30°C /86.0°F for 9.5".
- **Compliance and Warranty** - ETL Classified and Listed for wet location from the bottom once properly installed. Certified air-tight per ASTM 283-04. Complies with FCC 47CFR Part 15B consumer limits for EMI/RFI emissions at 120V. Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements. All the items are certified IC for direct contact with insulation. 5 Year Warranty for complete fixture. Optional 10 Year Extended Warranty available, subject to same terms, conditions and installation requirements as standard 5 Year Warranty.



## DIGITAL NAVIGATION

Explore the spec sheet through the links below

|                                           |                                                 |
|-------------------------------------------|-------------------------------------------------|
| <a href="#">ORDERING GUIDE</a>            | <a href="#">NUROAir CONTROLS ORDERING GUIDE</a> |
| <a href="#">TECHNICAL INFORMATION</a>     | <a href="#">NOMINAL PERFORMANCE</a>             |
| <a href="#">LINE DRAWINGS</a>             | <a href="#">ACCESSORY ORDERING INFORMATION</a>  |
| <a href="#">PHOTOMETRY</a>                | <a href="#">LOGISTIC INFORMATION</a>            |
| <a href="#">CERTIFICATION INFORMATION</a> |                                                 |

## BENEFITS

- Up to 140LPW high light efficacy
- 120V and 0-10V Dimming options provide the easy remodeling, direct mount or retrofitting installation dimming compatibility
- SelectKelvin technology to choose from three color temperatures including 3000K, 3500K, 4000K
- SelectDrive technology allow to select from 3 lumen outputs
- Install virtually anywhere with Wet Location, IC rated models and Air-tight ratings
- Long life time in high ambient temperature range installation

## SUITABLE APPLICATIONS

- Commercial
- Retail
- Hospitality
- Education
- Outdoor under covered ceilings

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# INNOFIT PLUS SERIES

## ORDERING GUIDE

| PART #                                    |                                     |                     | Example: INFTP6/8CCT3S/DIM010UNV                   |                                                                                                                                                                                                      |                                                                                  |
|-------------------------------------------|-------------------------------------|---------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Series                                    | Size                                | CRI                 | CCT <sup>2</sup>                                   | Driver                                                                                                                                                                                               | Options                                                                          |
| <b>INFTP</b><br>INNOFIT PLUS<br>Downlight | <b>4</b><br>4" 700/1050/1400lm      | <b>8</b><br>CRI 80+ | <b>CCT3S</b><br>Selectable CCT 3000 / 3500 / 4000K | <b>DIM010UNV</b><br>120-277V, 50/60Hz, 0-10V dimming at 120-277V. (Dimmable to 5%)<br><br><b>DIM120V<sup>1</sup></b><br>120V, 50/60Hz, Forward/Reverse phase dimming at 120V only. (Dimmable to 10%) | <b>NURO/RCM<sup>3</sup></b><br>NUROAir Ready Power Pack for Ceiling Mount Sensor |
|                                           | <b>6</b><br>6" 1180/1700/2100lm     |                     |                                                    |                                                                                                                                                                                                      |                                                                                  |
|                                           | <b>8</b><br>8" 1560/2080/3000lm     |                     |                                                    |                                                                                                                                                                                                      |                                                                                  |
|                                           | <b>9.5</b><br>9.5" 2100/3150/3650lm |                     |                                                    |                                                                                                                                                                                                      |                                                                                  |

### FOOTNOTES:

- DIM120V only available in 6" and 8"
- Factory setting at highest lumen output and 3500K CCT
- This option needs to be selected for each fixture to use with NURO7/CM.

## NUROAir CONTROLS ORDERING GUIDE

| Control                                                                         | Switches                                                                                                   |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>NURO7/CM<sup>1</sup></b><br>NUROAir Bluetooth Ceiling Mount Dual Mode Sensor | <b>NURO-SW-3B-BA-BL-WP-V1</b><br>NUROAir 3-Button Bluetooth Battery Powered Wall Switch                    |
|                                                                                 | <b>NURO-SW-5B-BA-BL-WP-V1</b><br>NUROAir 5-Button Bluetooth Battery Powered Wall Switch                    |
|                                                                                 | <b>NURO-SW-7B-AC-BL-WP-V1</b><br>NUROAir 7-Button Bluetooth Line Voltage (AC 120-277V) Powered Wall Switch |

- FOOTNOTES:
- 600 sq ft sensor coverage

## NUROAir by ILLUMUS

NUROAir Bluetooth Ceiling Mount Dual Mode Sensor is the optimal groupable controls lighting solution. With main features such as PIR Motion and Ultrasonic Sensing, Occupancy/Vacancy, and Bi-Level Dimming - this flexibility makes the NUROAir Bluetooth Ceiling Mount Dual Mode Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.



Click Here or Scan Code  
to Learn More About  
NUROAir Bluetooth Controls

## TECHNICAL INFORMATION

| Type | Dimming   | Input Voltage | Input Frequency | Input Current | Input Power   | THD Power | Power Factor | Flicker Index | Sound Rating |
|------|-----------|---------------|-----------------|---------------|---------------|-----------|--------------|---------------|--------------|
| 4"   | 0-10V     | 120-277V      | 50 / 60Hz       | 44mA          | 6 / 9 / 12W   | <20%      | >0.9         | <30%          | <22db        |
| 6"   | 0-10V     | 120-277V      |                 | 135mA         | 9 / 13 / 16W  |           |              |               |              |
| 8"   | 0-10V     | 120-277V      |                 | 194mA         | 12 / 16 / 23W |           |              |               |              |
| 9.5" | 0-10V     | 120-277V      |                 | 234mA         | 16 / 24 / 28W |           |              |               |              |
| 6"   | ELV/TRIAC | 120V          |                 | 134mA         | 9 / 13 / 16W  |           |              |               |              |
| 8"   | ELV/TRIAC | 120V          |                 | 192mA         | 12 / 16 / 23W |           |              |               |              |

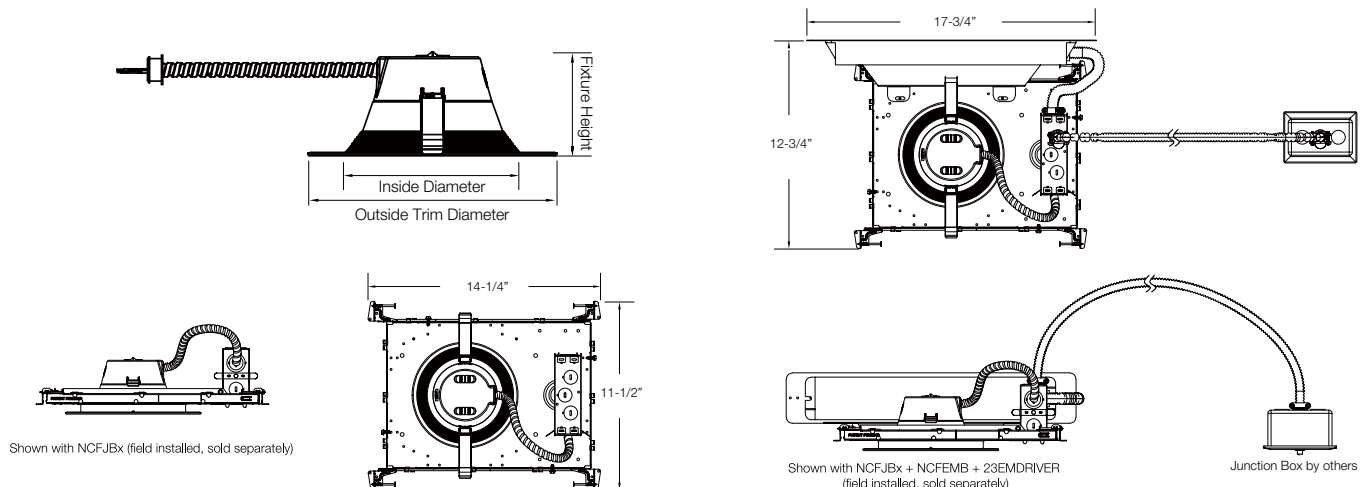
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# INNOFIT PLUS SERIES

## NOMINAL PERFORMANCE

| Product                   | Wattage (W) | 3000K       |                | 3500K       |                | 4000K       |                |
|---------------------------|-------------|-------------|----------------|-------------|----------------|-------------|----------------|
|                           |             | Lumens (lm) | Efficacy (LPW) | Lumens (lm) | Efficacy (LPW) | Lumens (lm) | Efficacy (LPW) |
| INFTP4/8CCT3S/DIM010UNV   | 6           | 680         | 113            | 700         | 117            | 700         | 117            |
|                           | 9           | 1,015       |                | 1,050       |                | 1,050       |                |
|                           | 12          | 1,350       |                | 1,400       |                | 1,400       |                |
| INFTP6/8CCT3S/DIM010UNV   | 9           | 1,130       | 126            | 1,180       | 131            | 1,180       | 131            |
|                           | 13          | 1,640       |                | 1,700       |                | 1,700       |                |
|                           | 16          | 2,000       |                | 2,100       |                | 2,100       |                |
| INFTP8/8CCT3S/DIM010UNV   | 12          | 1,510       | 126            | 1,560       | 130            | 1,560       | 130            |
|                           | 16          | 2,015       |                | 2,080       |                | 2,080       |                |
|                           | 23          | 2,900       |                | 3,000       |                | 3,000       |                |
| INFTP9.5/8CCT3S/DIM010UNV | 16          | 2,000       | 126            | 2,100       | 131            | 2,100       | 131            |
|                           | 24          | 3,000       |                | 3,150       |                | 3,150       |                |
|                           | 28          | 3,500       |                | 3,650       |                | 3,650       |                |
| INFTP6/8CCT3S/DIM120V     | 9           | 1,130       | 126            | 1,180       | 131            | 1,180       | 131            |
|                           | 13          | 1,640       |                | 1,700       |                | 1,700       |                |
|                           | 16          | 2,000       |                | 2,100       |                | 2,100       |                |
| INFTP8/8CCT3S/DIM120V     | 12          | 1,510       | 126            | 1,560       | 130            | 1,560       | 130            |
|                           | 16          | 2,015       |                | 2,080       |                | 2,080       |                |
|                           | 23          | 2,900       |                | 3,000       |                | 3,000       |                |

## LINE DRAWINGS



| Fixture  | Inside Diameter | Outside Trim Diameter | Fixture Height | Minimum Ceiling Cutout<br>(Remodel /Retrofit/Direct Mount) | Maximum Ceiling Cutout<br>(Remodel /Retrofit/Direct Mount) |
|----------|-----------------|-----------------------|----------------|------------------------------------------------------------|------------------------------------------------------------|
| INFTP4   | 4-1/16"         | 5-7/8"                | 3-7/16"        | 4-1/8"                                                     | 5-1/8"                                                     |
| INFTP6   | 5-15/16"        | 8-5/16"               | 3-7/16"        | 6-1/16"                                                    | 7-1/2"                                                     |
| INFTP8   | 7-1/2"          | 10-1/4"               | 3-7/16"        | 7-9/16"                                                    | 9-7/16"                                                    |
| INFTP9.5 | 8-7/16"         | 11-1/4"               | 3-7/16"        | 8-9/16"                                                    | 10-7/16"                                                   |



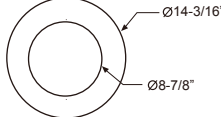
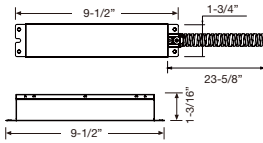
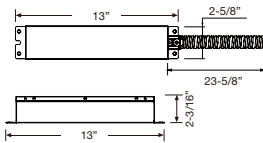
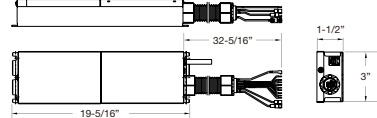
# INNOFIT PLUS SERIES

## ACCESSORY ORDERING INFORMATION

| Product | Model         | Description                                                             | Pictures | Dimensions |
|---------|---------------|-------------------------------------------------------------------------|----------|------------|
| 35121   | NCFJB4        | 4" New Construction Frame for T-Grid ceilings and stud/joist mounting   |          |            |
| 35122   | NCFJB6        | 6" New Construction Frame for T-Grid ceilings and stud/joist mounting   |          |            |
| 35123   | NCFJB8        | 8" New Construction Frame for T-Grid ceilings and stud/joist mounting   |          |            |
| 35124   | NCFJB9.5      | 9.5" New Construction Frame for T-Grid ceilings and stud/joist mounting |          |            |
| 35126   | NCFBFB        | Field Installable Butterfly Brackets For New Construction Frame         |          |            |
| 35125   | NCFEMB        | Field Installable Emergency Bracket For New Construction Frame          |          |            |
| 98502   | NCPLATE468    | 4", 6" and 8" New Construction Plate for Stud/Joint Mounting            |          |            |
| 98501   | NCPLATE/T4689 | New Construction or Remodel Plate for T-Grid Ceilings                   |          |            |
| 98569   | GOOFRING4     | 4" Goof Ring - Outer Diameter 8-1/8"                                    |          |            |
| 98568   | GOOFRING6     | 6" Goof Ring - Outer Diameter 10-1/2"                                   |          |            |
| 98567   | GOOFRING8     | 8" Goof Ring - Outer Diameter 12-1/2"                                   |          |            |

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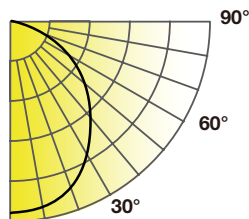
# INNOFIT PLUS SERIES

| ACCESSORY ORDERING INFORMATION |                   |                                                                                                                                                        |                                                                                    |                                                                                                                                                                              |
|--------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                        | Model             | Description                                                                                                                                            | Pictures                                                                           | Dimensions                                                                                                                                                                   |
| 98566                          | GOOFRING9.5       | 9.5" Goof Ring - Outer Diameter 14-3/16"                                                                                                               |  |                                                   |
| 37934                          | 8EMINVERTER       | California Title 20 Compliant 8W Emergency LED Inverter (Field Installation)                                                                           |  |  |
| 38096                          | 24EMINVERTER      | California Title 20 Compliant 24W Emergency LED Inverter (Field Installation)                                                                          |  |  |
| FHUPS1-UNV-25L-SD              | FHUPS1-UNV-25L-SD | 25W Emergency Micro Inverter for field installation to use with 0-10V Driver options. 100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant |  |           |

**FOOTNOTES:**  
For details of compatibility between each emergency solution and specific product models, please refer to the Products Emergency Compatibility Matrix file available on <https://greencreative.com/emergency-accessories>

## PHOTOMETRY

INFTP4/8CCT3S/DIM010UNV (at 3500K)



Lumens: 1,352 lm  
CBCP: 631 cd  
Power: 12 W  
Efficacy: 120 lm/W  
CRI: 80  
Spacing Criteria: 1.2  
Beam Angle: 93°

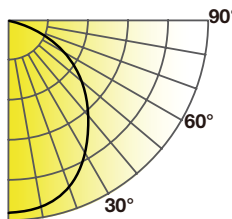
| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 602          |
| 20                       | 561          |
| 30                       | 487          |
| 40                       | 387          |
| 50                       | 278          |
| 60                       | 163          |
| 70                       | 72           |
| 80                       | 15           |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 10 | 17            |
| 10                  | 6  | 21            |
| 12                  | 4  | 25            |
| 15                  | 3  | 32            |
| 20                  | 2  | 42            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 468    | 35    |
| 0-40                | 742    | 55    |
| 0-60                | 1,191  | 88    |
| 0-90                | 1,350  | 100   |

INFTP6/8CCT3S/DIM010UNV (at 3500K)



Lumens: 2,078 lm  
CBCP: 882 cd  
Power: 16 W  
Efficacy: 137 lm/W  
CRI: 80  
Spacing Criteria: 1.2  
Beam Angle: 101°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 851          |
| 20                       | 792          |
| 30                       | 700          |
| 40                       | 580          |
| 50                       | 444          |
| 60                       | 283          |
| 70                       | 132          |
| 80                       | 19           |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 14 | 19            |
| 10                  | 9  | 24            |
| 12                  | 6  | 29            |
| 15                  | 4  | 36            |
| 20                  | 2  | 48            |

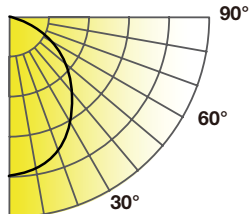
| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 660    | 32    |
| 0-40                | 1,062  | 51    |
| 0-60                | 1,787  | 86    |
| 0-90                | 2,075  | 100   |



# INNOFIT PLUS SERIES

## PHOTOMETRY

INFTP8/8CCT3S/DIM010UNV (at 3500K)



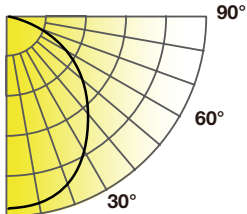
Lumens: 3,026 lm  
CBCP: 1,191 cd  
Power: 24 W  
Efficacy: 141 lm/W  
CRI: 80  
Spacing Criteria: 1.2  
Beam Angle: 106°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,147        |
| 20                       | 1,071        |
| 30                       | 954          |
| 40                       | 812          |
| 50                       | 645          |
| 60                       | 457          |
| 70                       | 200          |
| 80                       | 47           |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 19 | 21            |
| 10                  | 12 | 27            |
| 12                  | 8  | 32            |
| 15                  | 5  | 40            |
| 20                  | 3  | 53            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 895    | 30    |
| 0-40                | 1,149  | 48    |
| 0-60                | 2,506  | 83    |
| 0-90                | 3,021  | 100   |

INFTP9.5/8CCT3S/DIM010UNV (at 3500K)



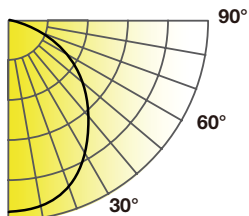
Lumens: 3,771 lm  
CBCP: 1,467 cd  
Power: 28 W  
Efficacy: 143 lm/W  
CRI: 80  
Spacing Criteria: 1.2  
Beam Angle: 107°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,417        |
| 20                       | 1,324        |
| 30                       | 1,184        |
| 40                       | 1,004        |
| 50                       | 796          |
| 60                       | 569          |
| 70                       | 321          |
| 80                       | 77           |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 23 | 21            |
| 10                  | 15 | 27            |
| 12                  | 10 | 32            |
| 15                  | 7  | 40            |
| 20                  | 4  | 54            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 1,105  | 29    |
| 0-40                | 1,790  | 48    |
| 0-60                | 3,097  | 82    |
| 0-90                | 3,764  | 100   |

INFTP6/8CCT3S/DIM120V (at 3500K)



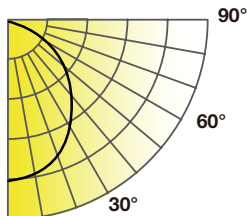
Lumens: 2,023 lm  
CBCP: 857 cd  
Power: 16 W  
Efficacy: 132 lm/W  
CRI: 80  
Spacing Criteria: 1.2  
Beam Angle: 101°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 826          |
| 20                       | 769          |
| 30                       | 780          |
| 40                       | 566          |
| 50                       | 433          |
| 60                       | 281          |
| 70                       | 131          |
| 80                       | 19           |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 13 | 19            |
| 10                  | 9  | 24            |
| 12                  | 6  | 29            |
| 15                  | 4  | 37            |
| 20                  | 2  | 49            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 641    | 32    |
| 0-40                | 1,032  | 51    |
| 0-60                | 1,738  | 86    |
| 0-90                | 2,020  | 100   |

INFTP8/8CCT3S/DIM120V (at 3500K)



Lumens: 2,907 lm  
CBCP: 1,136 cd  
Power: 24 W  
Efficacy: 128 lm/W  
CRI: 80  
Spacing Criteria: 1.2  
Beam Angle: 106°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,101        |
| 20                       | 1,027        |
| 30                       | 926          |
| 40                       | 781          |
| 50                       | 619          |
| 60                       | 438          |
| 70                       | 240          |
| 80                       | 48           |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 18 | 19            |
| 10                  | 11 | 24            |
| 12                  | 8  | 29            |
| 15                  | 5  | 37            |
| 20                  | 3  | 49            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 860    | 30    |
| 0-40                | 1,393  | 48    |
| 0-60                | 2,408  | 83    |
| 0-90                | 2,902  | 100   |

## LOGISTIC INFORMATION

| Product | Model                     | Shipping Carton |                            |             |
|---------|---------------------------|-----------------|----------------------------|-------------|
|         |                           | Case Qty        | Case Dimensions (LxWxH)    | Case Weight |
| 36994   | INFTP4/8CCT3S/DIM010UNV   | 6pcs            | 18-15/16" x 13" x 5-5/16"  | 7.17 lb     |
| 36995   | INFTP6/8CCT3S/DIM010UNV   | 6pcs            | 2-3/8" x 18-1/8" x 5-5/16" | 10.14 lb    |
| 36996   | INFTP8/8CCT3S/DIM010UNV   | 6pcs            | 21-11/16"x 11" x 13-3/8"   | 12.35 lb    |
| 36997   | INFTP9.5/8CCT3S/DIM010UNV | 6pcs            | 23-7/16" x 12" x 13-3/16"  | 13.89 lb    |
| 36991   | INFTP6/8CCT3S/DIM120V     | 6pcs            | 2-3/8" x 18-1/8" x 5-5/16" | 10.14 lb    |
| 36992   | INFTP8/8CCT3S/DIM120V     | 6pcs            | 21-11/16"x 11" x 13-3/8"   | 12.35 lb    |

# INNOFIT PLUS SERIES

| CERTIFICATION INFORMATION |                           |         |
|---------------------------|---------------------------|---------|
| Product                   | Model                     | ES ID#  |
| 36991                     | INFTP6/8CCT3S/DIM120V     | 2456040 |
| 36992                     | INFTP8/8CCT3S/DIM120V     | 2453283 |
| 36994                     | INFTP4/8CCT3S/DIM010UNV   | 2453211 |
| 36995                     | INFTP6/8CCT3S/DIM010UNV   | 2467215 |
| 36996                     | INFTP8/8CCT3S/DIM010UNV   | 2467427 |
| 36997                     | INFTP9.5/8CCT3S/DIM010UNV | 2467575 |