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| PROJECT   |
| TYPE      |
| SPECIFIER |
| QUANTITY  |
| DATE      |

## PN ROUND SURFACE

### E5C000-

base number            Finish             
Options           

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: PN  
Subseries: PN Round  
Brand: Ivela  
Division: Exterior  
Mounting Type: Surface  
Mounting Location: Ceiling  
Subcategory: Downlight

#### PHYSICAL

Shape: Round  
Diameter (mm): 210  
Diameter (in): 8 1/4  
Height (mm): 30  
Height (in): 1 3/16  
Light Distribution: Direct  
Weight (kg): 1.2  
Weight (lbs): 2.64  
Diffuser: Opal Polycarbonate  
Fixture Finish: WHI / BLK / SIL  
Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED  
Input Wattage (W): 15.3  
Total Output Wattage (W): 12  
Dimming: Non-Dimmable  
Driver Included: Yes  
Driver Location: Integrated  
Driver Class: Class 2  
Input Voltage (V): 120  
Constant Current (MA): 350  
Upon Request: (See components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Phase dimming 120Vac only / Non-dimming 120/277Vac

#### LED

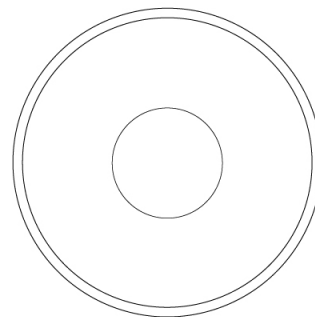
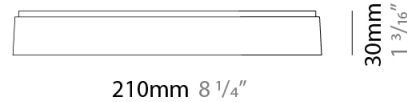
Number of LEDs: 1  
Color Temperature (°K): 3000  
Max. Delivered Lumen (lm): 1538  
CRI: >85 CRI  
Efficiency (%): 85.5  
Lamp Life (hrs): 50000


#### OPTICAL

Optic°: 120  
Adjustability: Fixed

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
IP rating: IP41 (Damp)  
IK Rating: IK08



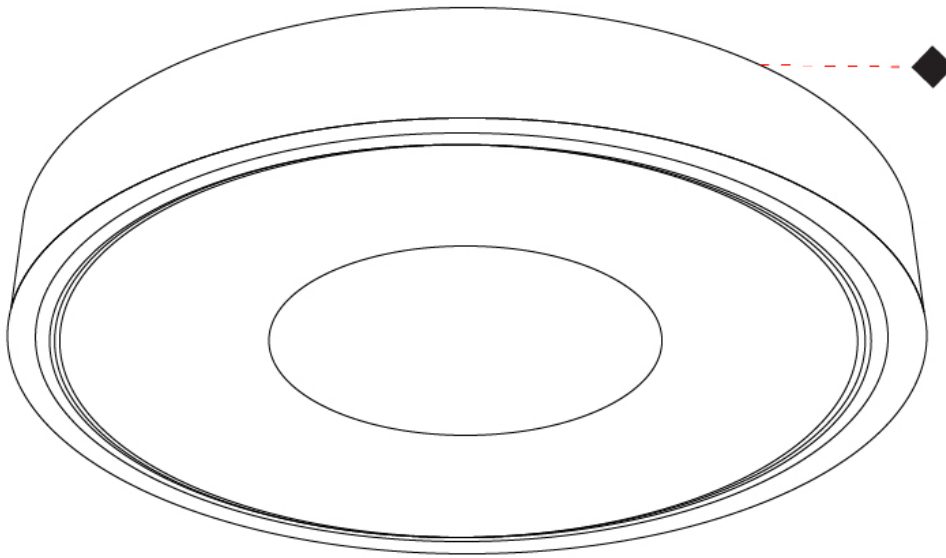
  
1.1 Kg /  
2.42 lbs



## PN ROUND SURFACE

E5C000-

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## PN ROUND SURFACE

**E5C001-** - \_\_\_\_\_  
 base number    Color    Finish  
                          Temperature    Options

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: PN  
 Subseries: PN Round  
 Brand: Ivela  
 Division: Exterior  
 Mounting Type: Surface  
 Mounting Location: Ceiling  
 Subcategory: Downlight

### PHYSICAL

Shape: Round  
 Diameter (mm): 280  
 Diameter (in): 11  
 Height (mm): 36  
 Height (in): 1 7/16  
 Light Distribution: Direct  
 Weight (kg): 2  
 Weight (lbs): 4.40  
 Diffuser: Opal Polycarbonate  
 Fixture Finish: WHI / BLK / SIL  
 Fixture Material: Aluminum Die Cast

### ELECTRICAL

Lamp Type: LED  
 Total Output Wattage (W): 18  
 Dimming: Non-Dimmable  
 Driver Included: Yes  
 Driver Location: Integrated  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Input Voltage (V): 120  
 Constant Current (mA): 500  
 Upon Request: (See components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Phase dimming 120Vac only

### LED

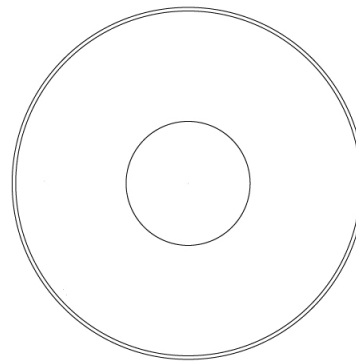
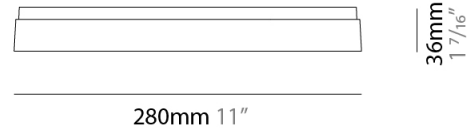
Number of LEDs: 1  
 Color Temperature (°K): 3000 / 3500  
 Max. Delivered Lumen (lm): 2040  
 CRI: >85 CRI  
 Efficiency (%): 85  
 Lamp Life (hrs): 50000


### OPTICAL

Optic°: 120  
 Beam Angle: Symmetric  
 Adjustability: Fixed

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP41 (Damp)  
 IK Rating: IK08



  
 1.1 Kg /  
 2.42 lbs



## PN ROUND SURFACE

E5C001-

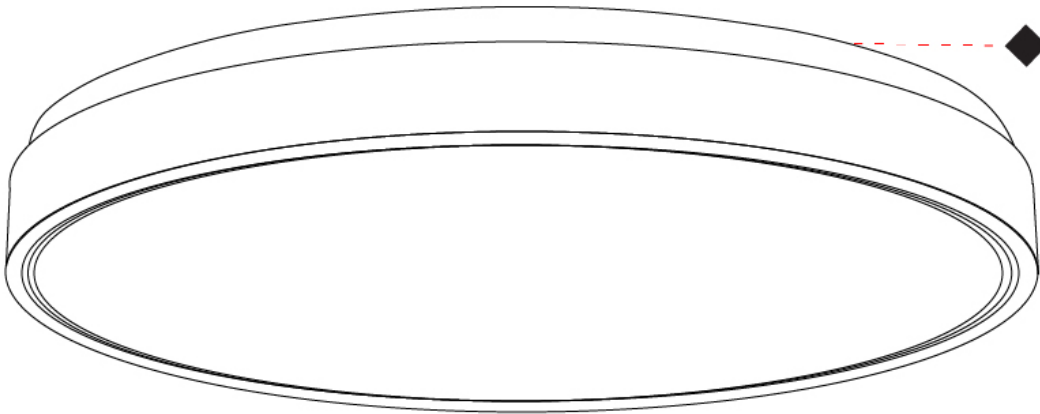
PROJECT

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## PN SQUARE SURFACE

### E5C003-

base number            Finish             
Options           

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: PN  
Subseries: PN Square  
Brand: Ivela  
Division: Exterior  
Mounting Type: Surface  
Mounting Location: Ceiling  
Subcategory: Downlight

#### PHYSICAL

Shape: Rectangle  
Length (mm): 230  
Length (in): 9 1/16  
Width (mm): 230  
Width (in): 9 1/16  
Extension (mm): 36  
Extension (in): 1 1/16  
Light Distribution: Direct  
Weight (kg): 2  
Weight (lbs): 4.40  
Diffuser: Opal Polycarbonate  
Fixture Finish: WHI / BLK  
Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 18  
Dimming: Non-Dimmable  
Driver Included: Yes  
Driver Location: Integrated  
Driver Type: Constant Current - Universal  
Driver Class: Class 2  
Input Voltage (V): 120  
Constant Current (MA): 500  
Upon Request: (See components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Phase dimming 120Vac only

#### LED

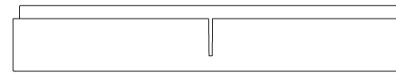
Color Temperature (°K): 3000 / 3500  
Max. Delivered Lumen (lm): 2040  
CRI: >85 CRI  
Efficiency (%): 85  
Lamp Life (hrs): 50000

#### OPTICAL

Optic°: 110  
Beam Angle: Symmetric  
Adjustability: Fixed

#### RATINGS AND CERTIFICATIONS

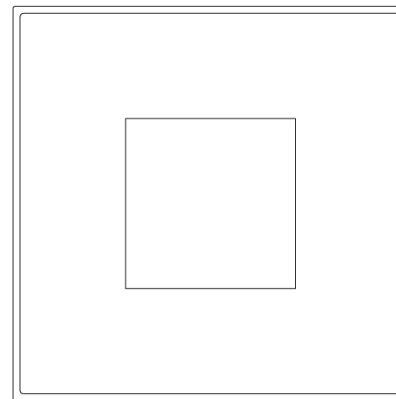
Certified By: Certified for North American Standards  
IP rating: IP41 (Damp)  
IK Rating: IK08



230mm 9 1/16"

36mm  
1 1/16"

77mm 3 1/16"



230mm 9 1/16"



1.95kg /  
4.30lbs



## PN SQUARE SURFACE

E5C003-

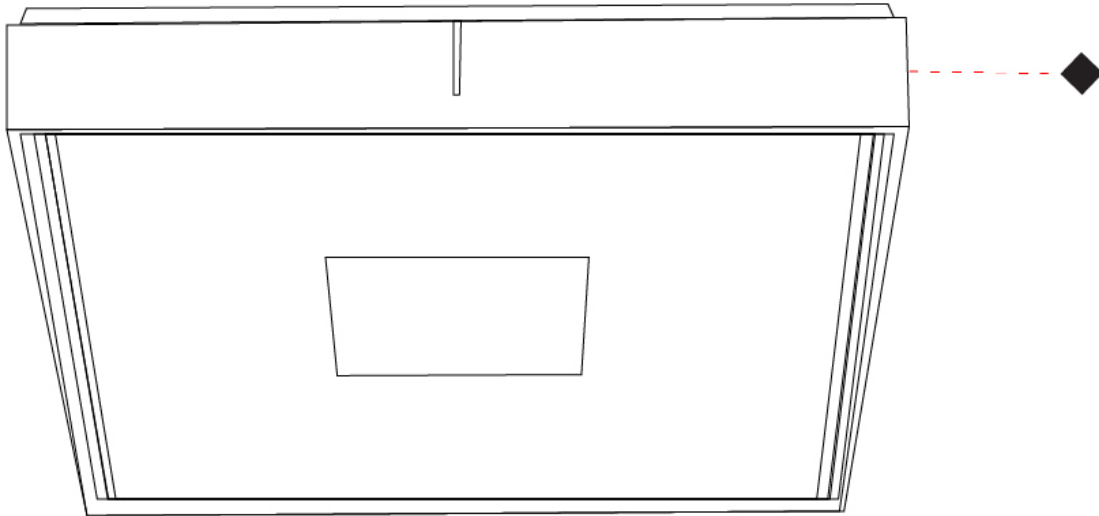
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## PN SQUARE SURFACE

### E5C005-

base number            Finish             
Options           

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: PN  
Subseries: PN Square  
Brand: Ivela  
Division: Exterior  
Mounting Type: Surface  
Mounting Location: Ceiling  
Subcategory: Downlight

#### PHYSICAL

Shape: Rectangle  
Length (mm): 180  
Length (in): 7 1/16"  
Width (mm): 180  
Width (in): 7 1/16"  
Height (mm): 30  
Height (in): 1 3/16"  
Light Distribution: Direct  
Weight (kg): 1.2  
Weight (lbs): 2.64  
Screws: No visible screws  
Diffuser: Opal Polycarbonate  
Fixture Finish: WHI / BLK / SIL  
Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED  
Input Wattage (W): 15.3  
Total Output Wattage (W): 12.6  
Dimming: Non-Dimmable  
Driver Included: Yes  
Driver Location: Integrated  
Driver Class: Class 2  
Input Voltage (V): 120  
Constant Current (MA): 350  
Upon Request: (See components [IP65 or higher enclosure to be supplied by others]) Remote: 0-10Vdc dimming / Phase dimming 120Vac only / Non-dimming 120/277Vac

#### LED

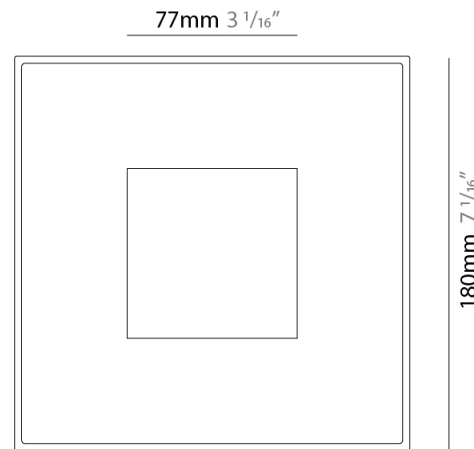
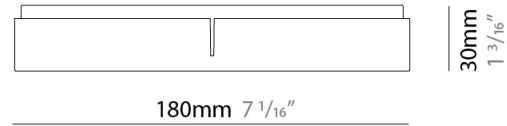
Color Temperature (°K): 3000  
Max. Delivered Lumen (lm): 1453  
CRI: >85 CRI  
Efficiency (%): 85.5  
Lamp Life (hrs): 50000

#### OPTICAL

Optic°: 110  
Beam Angle: Symmetric  
Adjustability: Fixed

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
IP rating: IP41 (Damp)  
IK Rating: IK08



  
1.2kg /  
2.64lbs



## PN SQUARE SURFACE

E5C005-

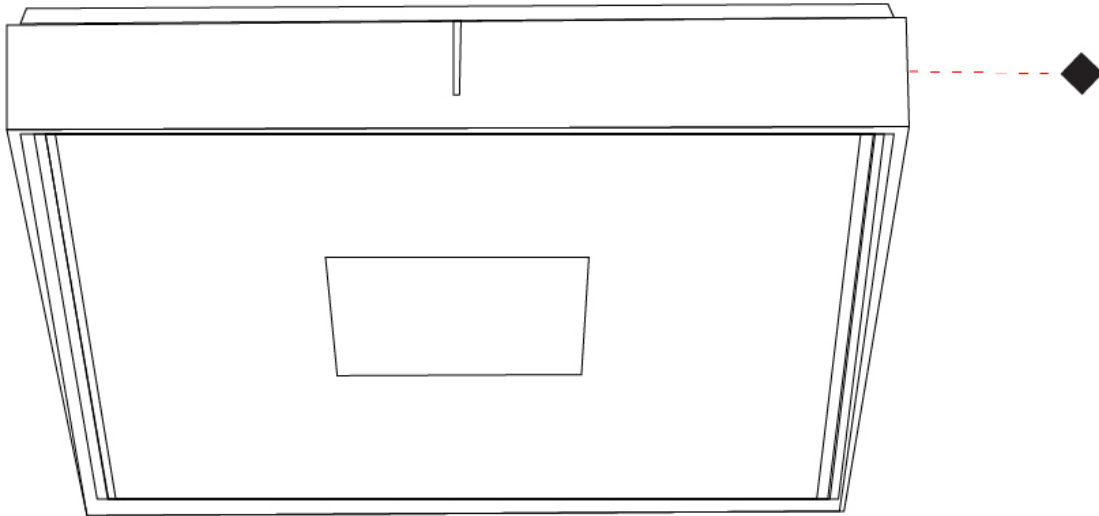
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QUANTITY

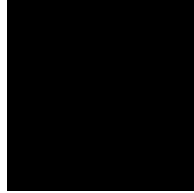
DATE

#### Fixture Finish

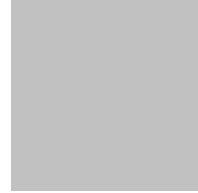
White - WHI



Black - BLK



Silver - SIL



**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

**Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.



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## LEGEND

|  |   |  |  |  |  |
|--|---|--|--|--|--|
|  | floor-mounted   |  | pivotable  |  | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+                    |
|  | wall and ceiling: recessed and surface mounted            |  | rotating   |  | warm dim / natural dimming LED   |
|  | ceiling-mounted and wall-mounted                          |  | illuminate tilted  |  | rechargeable battery powered   |
|  | wall-mounted  |  | color of suspension cable                                    |  | fixture with natural vivid LED (upon request)  |
|  | omni-directional light distribution                       |  | length of suspension cable                                   |  | color rendering index  |
|  | direct light distribution                                 |  | reflector degree selection                                   |  | color temperature  |
|  | direct/indirect light distribution                        |  | super spot   |  | lumen (luminous flux)  |
|  | indirect light distribution                               |  | lens   |  | efficacy (lumens per watt)   |
|  | asymmetric light distribution                             |  | lens pack  |  | Unified Glare Rating (UGR) range from 5-40   |
|  | aura light distribution                                   |  | shine ring   |  | marine grade (AISI 316 stainless steel)  |
|  | round wall or ceiling cut-out                             |  | integrated shine ring with diffuser                          |  | walk on  |
|  | square wall or ceiling cut-out                            |  | free individual colors 01-29                                 |  | drive on   |
|  | the supplied jig specifies the cutout dimensions          |  | individual colors: 00 (free of charge), 01-25 (extra charge) |  | Dark Sky Compliance  |
|  | minimum distance (meters) lamp - object                   |  | luminaire part to be colored (F1)                            |  | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
|  | recessed depth  |  | luminaire part to be colored (F2)                            |  | lamp protected against explosion   |
|  | ceiling thickness in mm                                   |  | luminaire part to be colored (F3)                            |  | blown glass using traditional methods by master glass blower                                   |
|  | ceiling thickness selection                               |  | luminaire part to be colored (F4)                            |  | acoustic material  |
|  | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) |  | luminaire part to be colored (F5)                            |  | protection class I, protection insulation  |
|  | included or excluded LED driver/transformer/control gear  |  | color of 3-circuit adaptor                                   |  | protection class II, protection insulation   |
|  | separately switchable                                     |  | indirect diffuser  |  | ETL Certified to UL and CSA Standards  |
|  | sensor  |  | direct diffuser  |  | UL Certified to UL and CSA Standards   |
|  | remote control  |  | ball-proof (upon request)                                    |  | CSA Certified to UL and CSA Standards  |
|  | available upon request                                    |  | accessory  |  | Certified for North American Standards   |

## IP RATING

|  |  |
|--|--|
|  | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|  | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
|  | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
|  | protected against ingress of dust<br>protected against jets of water   |
|  | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
|  | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
|  | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

## IK RATING

|  |   |
|--|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
|  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
|  | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |