

## DIXIT RA20 RECESSED

### A56015-

base number Color  
Temperature

1. To build a product code in our configurator select the specify button on the base model # product page
2. 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: Dixit  
Subseries: Dixit RA20  
Brand: Ivela  
Division: Architectural  
Mounting Type: Recessed  
Mounting Location: Ceiling  
Subcategory: Downlight

#### PHYSICAL

Shape: Round  
Diameter (mm): 200  
Diameter (in): 7 7/8  
Height (mm): 95  
Height (in): 3 3/4  
Min. Recessing Depth (mm): 143  
Min. Recessing Depth (in): 5 5/8  
Light Distribution: Direct  
Weight (kg): 1.8  
Weight (lbs): 3.97  
Diffuser: Clear Polycarbonate  
Fixture Finish: MWH  
Fixture Material: Aluminum Die Cast  
Cut-out Measurements: 185mm / 7 9/32"

#### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 51  
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
Driver Included: No  
Driver Location: Recessed Housing  
Driver Type: Constant Current - Universal  
Driver Class: Class 2  
Housing: See Components  
Input Voltage (V): 120 - 277  
Constant Current (MA): 1400

#### LED

Number of LEDs: 1  
Color Temperature (°K): 2700 / 3000 / 4000  
Max. Delivered Lumen (lm): 5375 / 5485 / 5656  
CRI: >85 CRI  
Efficiency (%): 85.7  
Lamp Life (hrs): 50000  
Upon Request: 3500K upon request

#### OPTICAL

Optic°: 100

#### RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards  
IP rating: IP44  
IK Rating: IK07



## DIXIT RA20 RECESSED

A56015-

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



|                   |       |       |       |       |
|-------------------|-------|-------|-------|-------|
|                   | DP    | DV    |       |       |
| Dimming           | Phase | 0-10V |       |       |
| Color Temperature | 27K   | 30K   | 35K   | 40K   |
|                   | 2700K | 3000K | 3500K | 4000K |

Order Example  **K°**  
**L5XXXXXX-DV-30K**  
 0-10V  
 3000K



## DIXIT RA8 RECESSED

### A56061-

base number \_\_\_\_\_  
 Color \_\_\_\_\_  
 Temperature \_\_\_\_\_

- 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: Dixit  
 Subseries: Dixit RA8  
 Brand: Ivela  
 Division: Architectural  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

#### PHYSICAL

Shape: Round  
 Diameter (mm): 96  
 Diameter (in): 3 ¾  
 Height (mm): 85  
 Height (in): 3 ⅜  
 Min. Recessing Depth (mm): 125  
 Min. Recessing Depth (in): 4 15/16  
 Light Distribution: Direct  
 Weight (kg): 0.3  
 Weight (lbs): 0.66  
 Diffuser: Clear Polycarbonate  
 Fixture Finish: MWH  
 Fixture Material: Aluminum Die Cast  
 Cut-out Measurements: 92mm / 3 5/8"

#### ELECTRICAL

Lamp Type: LED  
 Total Output Wattage (W): 5.5 / 8.5  
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 350 / 500

#### LED

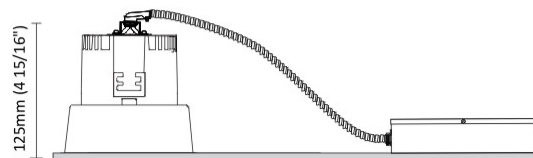
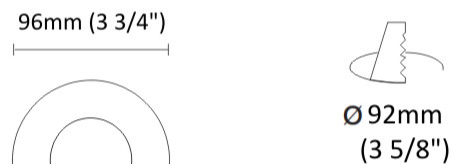
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000  
 Max. Delivered Lumen (lm): 501 / 638  
 CRI: >90 CRI  
 Efficiency (%): 87.7  
 Lamp Life (hrs): 50000  
 Upon Request: 3500K upon request

#### OPTICAL

Optic°: 26  
 Beam Angle: Symmetric  
 Adjustability: Fixed  
 Upon Request: Optic 45° (mirror-metallized) / 65° (white)

#### RATINGS AND CERTIFICATIONS

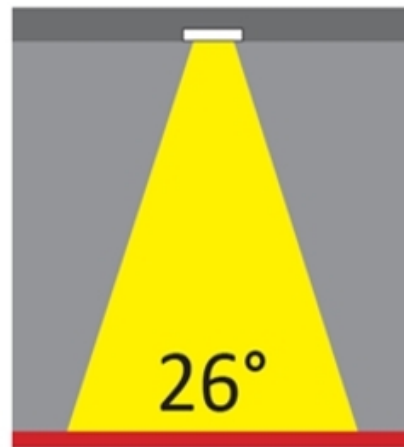
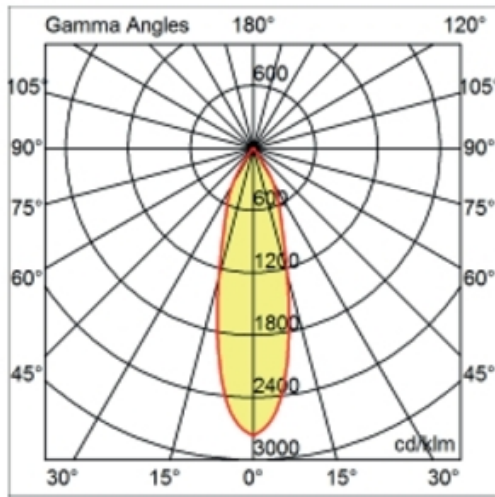
Certified By: Certified for North American Standards  
 IP rating: IP44  
 IK Rating: IK08



## DIXIT RA8 RECESSED

A56061-

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



| RA 8 TL DIXIT LED 6.5W 550 lm |      |         |         |           | R:100% |      | I.Max:2958 Cd/Klm |         |         |          |  |
|-------------------------------|------|---------|---------|-----------|--------|------|-------------------|---------|---------|----------|--|
| H[m]                          | D[m] | Max lux | Med lux | Alpha=26° |        | H[m] | D[m]              | Max lux | Med lux | Beta=26° |  |
| 1.00                          | 0.47 | 1508    | 939     |           |        | 1.00 | 0.47              | 1508    | 939     |          |  |
| 2.00                          | 0.94 | 377     | 235     |           |        | 2.00 | 0.94              | 377     | 235     |          |  |
| 3.00                          | 1.41 | 168     | 104     |           |        | 3.00 | 1.41              | 168     | 104     |          |  |
| 4.00                          | 1.89 | 94      | 59      |           |        | 4.00 | 1.89              | 94      | 59      |          |  |
| 5.00                          | 2.36 | 60      | 38      |           |        | 5.00 | 2.36              | 60      | 38      |          |  |

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Dimming           | DP    | DV    | K°    |
|                   | Phase | 0-10V |       |
| Color Temperature | 27K   | 30K   | 35K   |
|                   | 2700K | 3000K | 3500K |

Order Example **K°**  
**L5XXXXXX-DV-30K**  
 0-10V  
 3000K



|           |       |
|-----------|-------|
| PROJECT   | _____ |
| TYPE      | _____ |
| SPECIFIER | _____ |
| QUANTITY  | _____ |
| DATE      | _____ |

## DIXIT RA8 RECESSED

### A56063-

base number \_\_\_\_\_ Color \_\_\_\_\_  
Temperature \_\_\_\_\_

- 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: Dixit  
Subseries: Dixit RA8  
Brand: Ivela  
Division: Architectural  
Mounting Type: Recessed  
Mounting Location: Ceiling  
Subcategory: Downlight

#### PHYSICAL

Shape: Round  
Diameter (mm): 96  
Diameter (in): 3 3/4  
Height (mm): 110  
Height (in): 4 5/16  
Min. Recessing Depth (mm): 150  
Min. Recessing Depth (in): 5 7/8  
Light Distribution: Direct  
Weight (kg): 0.4  
Weight (lbs): 0.88  
Diffuser: Clear Polycarbonate  
Fixture Finish: MWH  
Fixture Material: Aluminum Die Cast  
Cut-out Measurements: 92mm / 3 5/8"

#### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 9 / 12  
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
Driver Included: No  
Driver Location: Recessed Housing  
Driver Type: Constant Current - Universal  
Driver Class: Class 2  
Input Voltage (V): 120 - 277  
Constant Current (MA): 250 / 350

#### LED

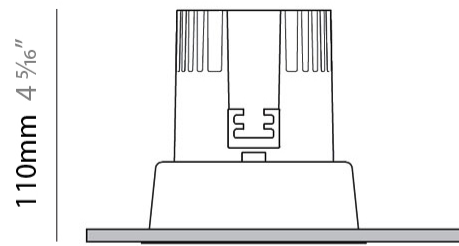
Number of LEDs: 1  
Color Temperature (°K): 2700 / 3000  
Max. Delivered Lumen (lm): 1096 / 1447  
CRI: >80 CRI  
Efficiency (%): 87.7  
Lamp Life (hrs): 50000  
Upon Request: 3500K upon request

#### OPTICAL

Optic°: 26  
Beam Angle: Symmetric  
Adjustability: Fixed  
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
IP rating: IP44  
IK Rating: IK08



Ø96mm 3 3/4"



## DIXIT RA8 RECESSED

A56063-

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



|                   |       |       |       |                 |       |
|-------------------|-------|-------|-------|-----------------|-------|
|                   | DP    | DV    |       | Order Example   | K°    |
| Dimming           | Phase | 0-10V |       | L5XXXXXX-DV-30K |       |
| Color Temperature | 27K   | 30K   | 35K   | 0-10V           | 3000K |
|                   | 2700K | 3000K | 3500K |                 |       |

A

|           |       |
|-----------|-------|
| PROJECT   | _____ |
| TYPE      | _____ |
| SPECIFIER | _____ |
| QUANTITY  | _____ |
| DATE      | _____ |

## DIXIT RA8 RECESSED

### A56069-

base number \_\_\_\_\_  
 Color \_\_\_\_\_  
 Temperature \_\_\_\_\_

- 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: Dixit  
 Subseries: Dixit RA8  
 Brand: Ivela  
 Division: Architectural  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

#### PHYSICAL

Shape: Round  
 Diameter (mm): 80  
 Diameter (in): 3 1/8  
 Height (mm): 74  
 Height (in): 2 15/16  
 Min. Recessing Depth (mm): 114  
 Min. Recessing Depth (in): 4 1/2  
 Light Distribution: Direct  
 Weight (kg): 0.4  
 Weight (lbs): 0.88  
 Diffuser: Clear Polycarbonate  
 Fixture Finish: MWH  
 Fixture Material: Aluminum Die Cast  
 Cut-out Measurements: 70mm / 2 3/4"

#### ELECTRICAL

Lamp Type: LED  
 Total Output Wattage (W): 9 / 12  
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)  
 Driver Included: No  
 Driver Location: Recessed Housing  
 Driver Type: Constant Current - Universal  
 Driver Class: Class 2  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 250 / 350

#### LED

Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000  
 Max. Delivered Lumen (lm): 1096 / 1447  
 CRI: >80 CRI  
 Efficiency (%): 88  
 Lamp Life (hrs): 50000  
 Upon Request: 3500K upon request

#### OPTICAL

Optic°: 26  
 Adjustability: Fixed  
 Upon Request: Optic 45° (mirror-metallized) / 65° (white)

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP44  
 IK Rating: IK08  
 Glare Rating: ≤ 19



Ø 70mm (2 3/4")

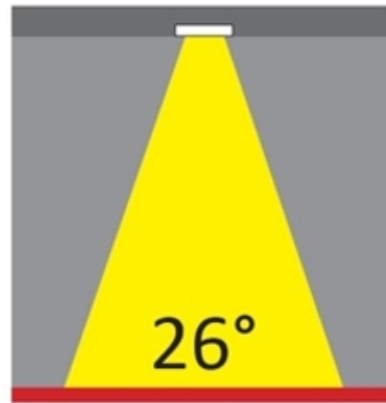




## DIXIT RA8 RECESSED

A56069-

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



|                   |                 |                         |   |
|-------------------|-----------------|-------------------------|---|
|                   | DP              | DV                      |   |
| Dimming           | Phase           | 0-10V                   |  |
| Color Temperature | 27K 30K 35K 40K | 2700K 3000K 3500K 4000K | <b>K°</b>   |

Order Example  **K°**  
**L5XXXXXX-DV-30K**  
 0-10V 3000K





PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

### Fixture Finish

Matte White - MWH



**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.



### LEGEND

|  |   |   |  |   |  |
|--|---|---|--|---|--|
|    | floor-mounted   |    | pivotal  |    | 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)    |