

## DIXIT RECESSED

### A5601121-

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  
Brand: Ivela  
Division: Architectural  
Mounting Type: Recessed  
Mounting Location: Ceiling  
Subcategory: Downlight

#### PHYSICAL

Shape: Round  
Diameter (mm): 95  
Diameter (in): 3 3/4  
Depth (mm): 82  
Depth (in): 3 1/4  
Min. Recessing Depth (mm): 122  
Min. Recessing Depth (in): 4 13/16  
Light Distribution: Adjustable / Direct  
Weight (kg): 0.4  
Weight (lbs): 0.88  
Cut-out Measurements: 86mm / 3 3/8

#### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 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): 350

#### LED

Number of LEDs: 1  
Color Temperature (°K): 2700 / 3000 / 4000  
Max. Delivered Lumen (lm): 1447  
CRI: >80 CRI  
Efficiency (%): 91  
Lamp Life (hrs): 50000

#### OPTICAL

Optic°: 26  
Adjustability: Tilt 20°  
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

#### RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards  
IP rating: IP20  
IK Rating: IK08  
Glare Rating: ≤ 19



## 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

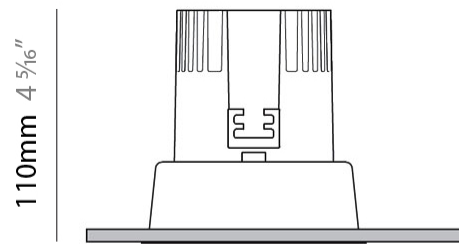
#### OPTICAL

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

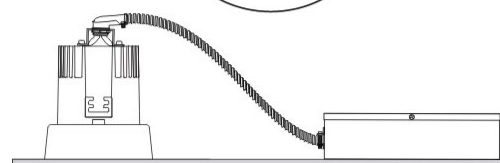
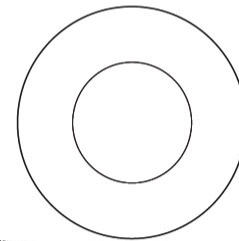
#### RATINGS AND CERTIFICATIONS

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

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



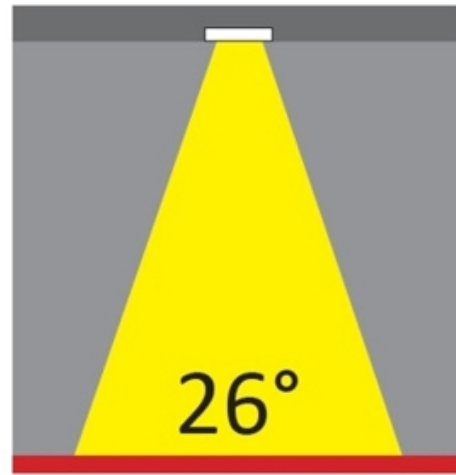
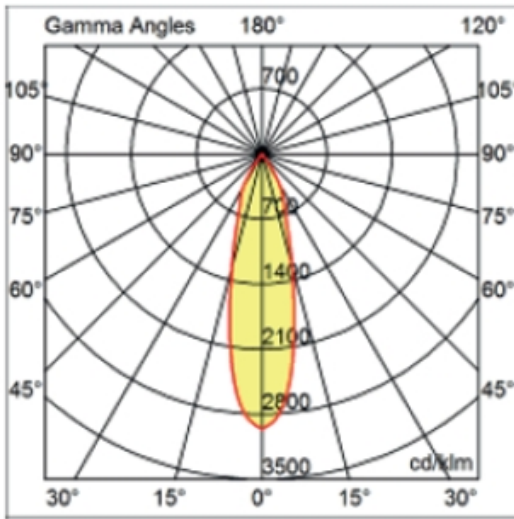
Ø96mm 3 3/4"



## 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

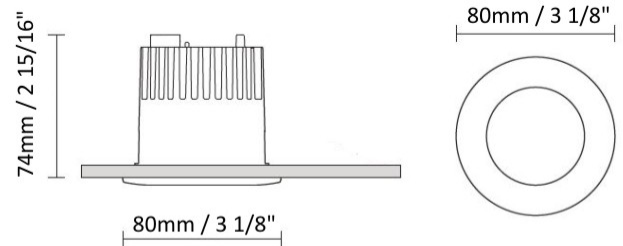
Number of LEDs: 1  
Color Temperature (°K): 2700 / 3000  
Max. Delivered Lumen (lm): 1096 / 1447  
CRI: >80 CRI  
Efficiency (%): 88  
Lamp Life (hrs): 50000  
Upon Request: 3500K upon request

#### OPTICAL

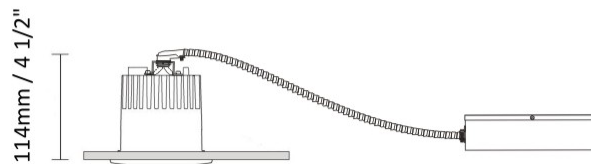
Optic°: 26  
Adjustability: Fixed  
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

#### RATINGS AND CERTIFICATIONS

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



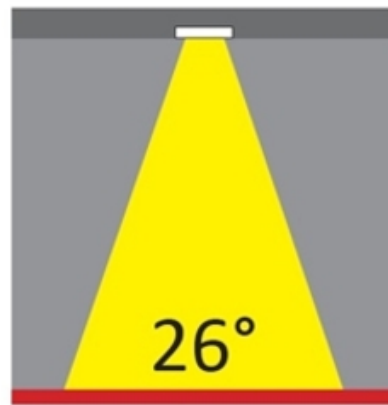
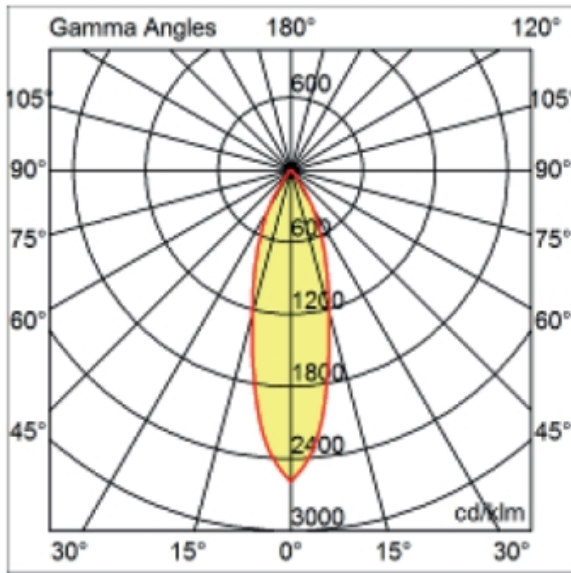
Ø 70mm (2 3/4")





## DIXIT RA8 RECESSED

A56069-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



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

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



## DIXIT RA8 RECESSED

### A56073-

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): 95  
 Diameter (in): 3 3/4  
 Height (mm): 82  
 Height (in): 3 1/4  
 Min. Recessing Depth (mm): 122  
 Min. Recessing Depth (in): 4 13/16  
 Light Distribution: Adjustable / Direct  
 Weight (kg): 0.4  
 Weight (lbs): 0.88  
 Diffuser: Clear Polycarbonate  
 Fixture Finish: MWH  
 Fixture Material: Aluminum Die Cast  
 Cut-out Measurements: 86mm / 3 3/8"

#### 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

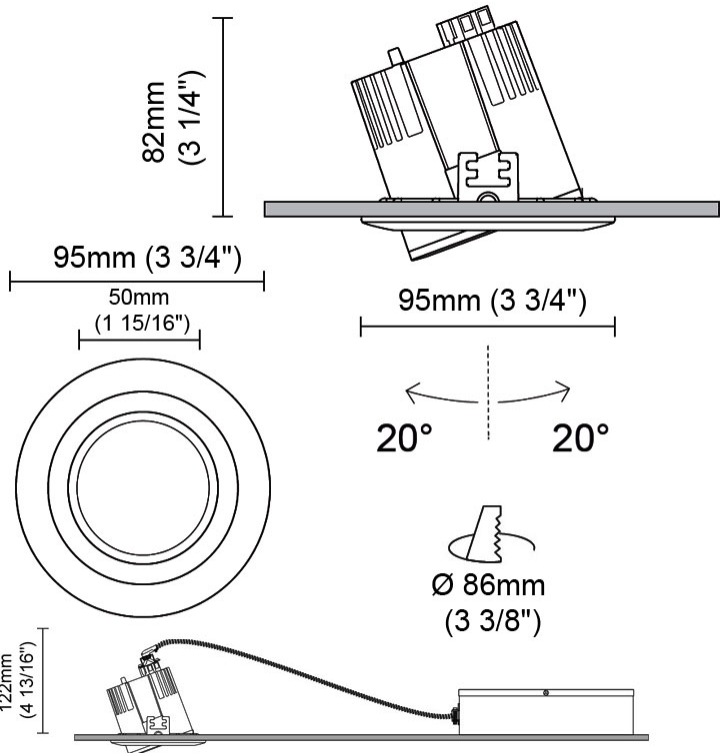
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000 / 4000  
 Max. Delivered Lumen (lm): 1096 / 1447  
 CRI: >80 CRI  
 Efficiency (%): 87.7  
 Lamp Life (hrs): 50000  
 Upon Request: 3500K upon request

#### OPTICAL

Optic°: 26  
 Beam Angle: Symmetric  
 Adjustability: Tilt ±20°  
 Upon Request: Optic 45° (mirror-metallized) / 65° (white)

#### RATINGS AND CERTIFICATIONS

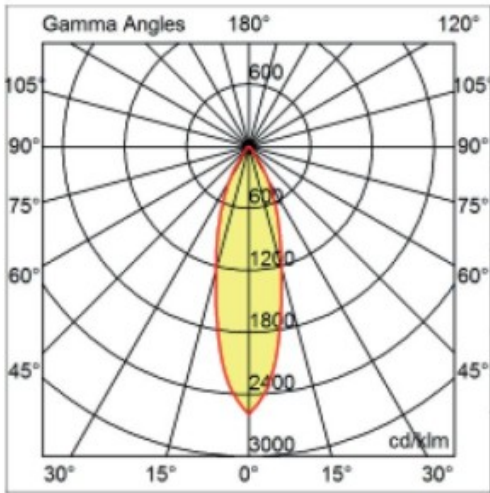
Certified By: Certified for North American Standards  
 IP rating: IP20  
 IK Rating: IK08  
 Glare Rating: ≤ 19



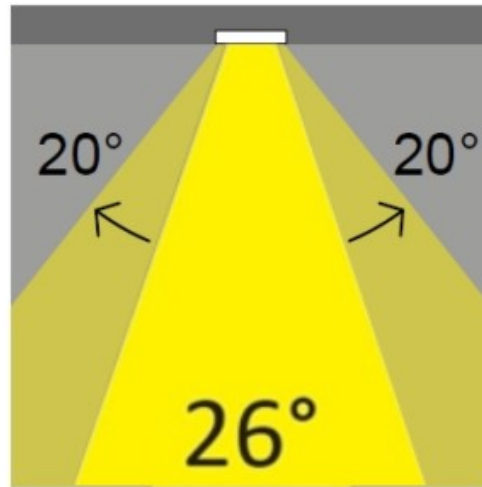
## DIXIT RA8 RECESSED


A56073-


PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



26°



	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



## DIXIT RA8 RECESSED

### A56077-

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): 103 \_\_\_\_\_  
 Diameter (in): 4 1/16 \_\_\_\_\_  
 Height (mm): 85 \_\_\_\_\_  
 Height (in): 3 3/8 \_\_\_\_\_  
 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: 96mm / 3 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

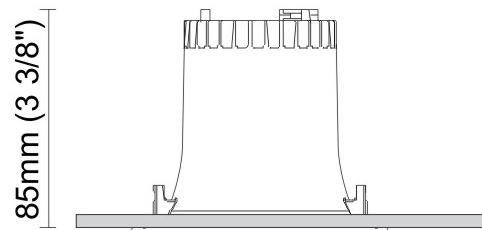
Number of LEDs: 1 \_\_\_\_\_  
 Color Temperature (°K): 2700 / 3000 \_\_\_\_\_  
 Max. Delivered Lumen (lm): 1096 / 1447 \_\_\_\_\_  
 CRI: >90 CRI \_\_\_\_\_  
 Efficiency (%): 73 \_\_\_\_\_  
 Lamp Life (hrs): 50000 \_\_\_\_\_  
 Upon Request: 3500K upon request \_\_\_\_\_

#### OPTICAL

Optic°: 26 \_\_\_\_\_  
 Adjustability: Fixed \_\_\_\_\_

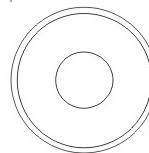
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards \_\_\_\_\_  
 IP rating: IP43 \_\_\_\_\_

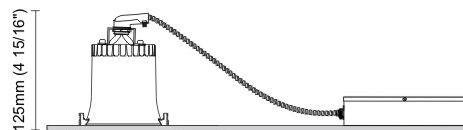


103mm (4 1/16")

103mm (4 1/16")



Ø96mm  
(3 3/4")

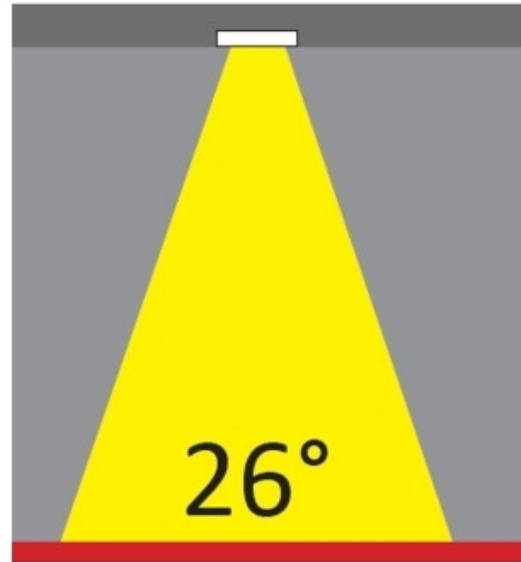
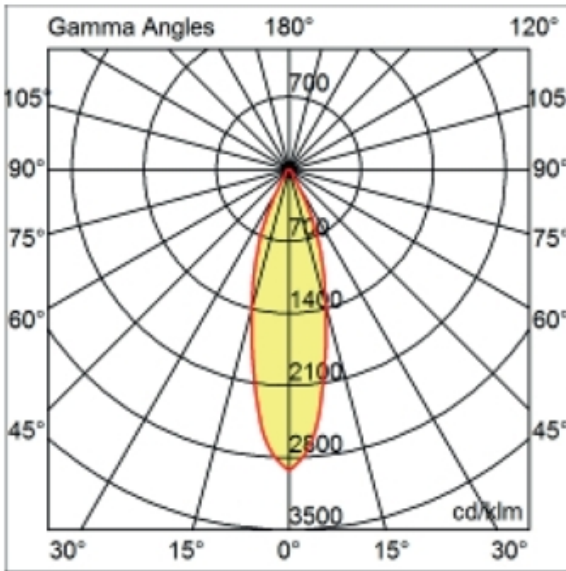





## DIXIT RA8 RECESSED

A56077-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



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

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

A

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

## DIXIT RA16 RECESSED

### A56102-

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 RA16  
 Brand: Ivela  
 Division: Architectural  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

#### PHYSICAL

Shape: Round  
 Diameter (mm): 160  
 Diameter (in): 6 5/16  
 Height (mm): 42  
 Height (in): 1 5/8  
 Min. Recessing Depth (mm): 82  
 Min. Recessing Depth (in): 3 1/4  
 Light Distribution: Direct  
 Weight (kg): 0.7  
 Weight (lbs): 15.43  
 Diffuser: Polycarbonate - Opal  
 Fixture Finish: MWH  
 Fixture Material: Aluminum Die Cast  
 Cut-out Measurements: 155mm / 6 1/8"

#### ELECTRICAL

Lamp Type: LED  
 Total Output Wattage (W): 18  
 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): 500

#### LED

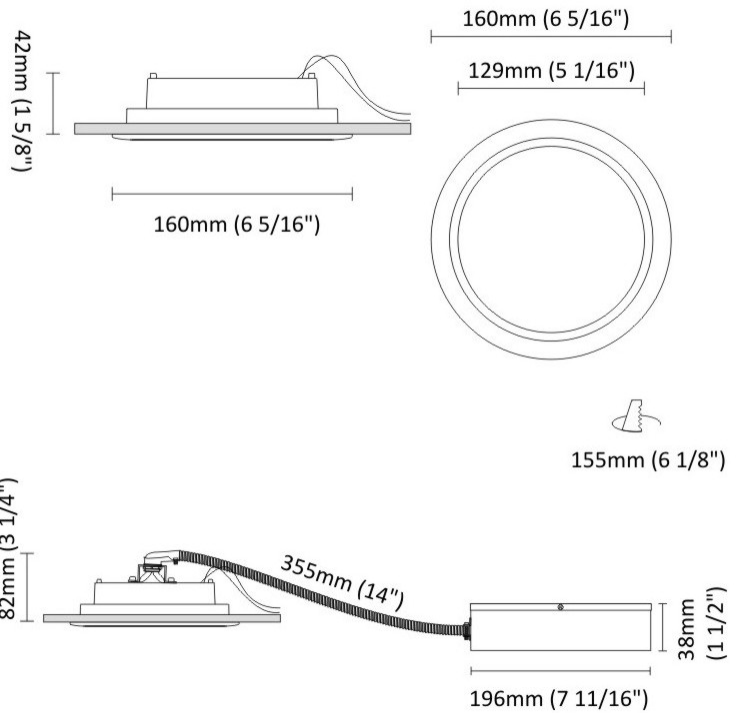
Number of LEDs: 1  
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000  
 Max. Delivered Lumen (lm): 1745 / 1781  
 CRI: >85 CRI  
 Efficiency (%): 72.7  
 Lamp Life (hrs): 50000

#### OPTICAL

Optic°: 110  
 Beam Angle: Symmetric  
 Adjustability: Fixed

#### RATINGS AND CERTIFICATIONS

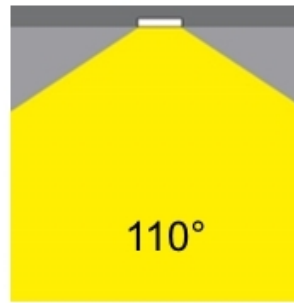
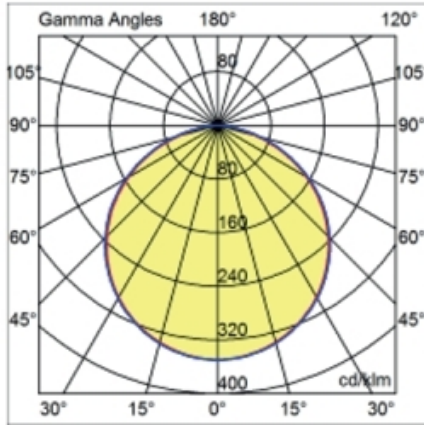
Certified By: Certified for North American Standards  
 IP rating: IP44  
 IK Rating: IK07



## DIXIT RA16 RECESSED

A56102-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



RA 16 LED 18W 2400 lm				R:100%				I.Max:350 Cd/Klm			
H[m]	D[m]	Max lux	Med lux	Alpha=112°	H[m]	D[m]	Max lux	Med lux	Beta=113°		
1.00	2.99	604	145		1.00	3.07	604	145			
2.00	5.98	151	36		2.00	6.13	151	36			
3.00	8.96	67	16		3.00	9.20	67	16			
4.00	11.95	38	9		4.00	12.26	38	9			
5.00	14.94	24	6		5.00	15.33	24	6			

Dimming	DP	DV	
	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

### E56096-

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: Exterior  
 Mounting Type: Recessed  
 Mounting Location: Ceiling  
 Subcategory: Downlight

#### PHYSICAL

Shape: Round  
 Diameter (mm): 95  
 Diameter (in): 3 3/4  
 Height (mm): 89  
 Height (in): 3 1/2  
 Min. Recessing Depth (mm): 129  
 Min. Recessing Depth (in): 5 1/16  
 Light Distribution: Adjustable / Direct  
 Weight (kg): 0.7  
 Weight (lbs): 1.54  
 Diffuser: Clear Polycarbonate  
 Fixture Finish: MWH  
 Fixture Material: Aluminum Die Cast  
 Cut-out Measurements: 86mm / 3 3/8"

#### ELECTRICAL

Lamp Type: LED  
 Total Output Wattage (W): 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  
 Housing: See Components  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 350

#### LED

Number of LEDs: 1  
 Color Temperature (\*K): 2700 / 3000  
 Max. Delivered Lumen (lm): 1447  
 Nominal Lumen (lm): 1650  
 CRI: >80 CRI  
 Efficiency (%): 87.7  
 Lamp Life (hrs): 50000  
 Upon Request: 3500K upon request

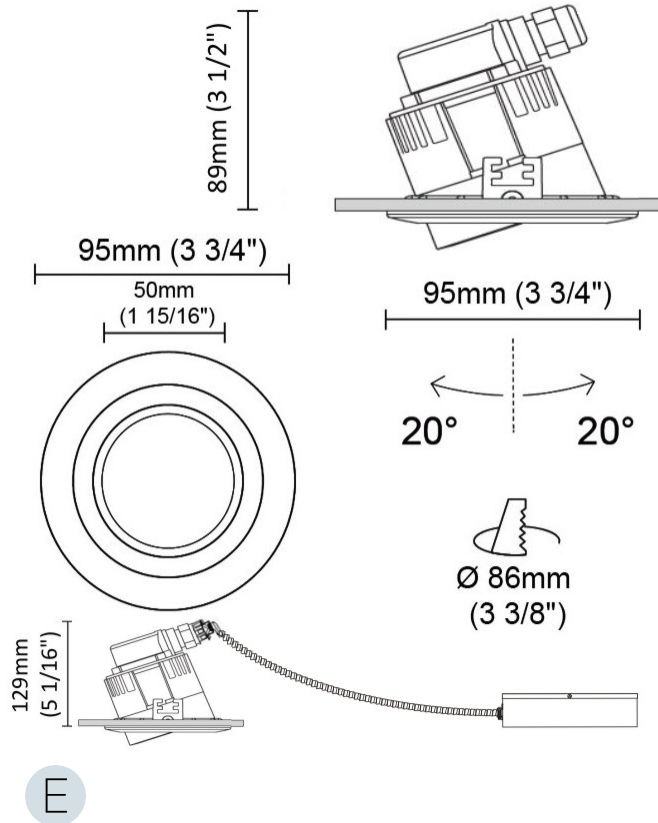
#### OPTICAL

Reflector: Mirror-metallized thermoplastic material  
 Optic: 26  
 Beam Angle: Symmetric  
 Adjustability: Tilt ±20°  
 Upon Request: Optics 45° (mirror-metallized) / 65° (white)

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP66  
 IK Rating: IK08

Clearance: 129mm (5 1/16") 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com



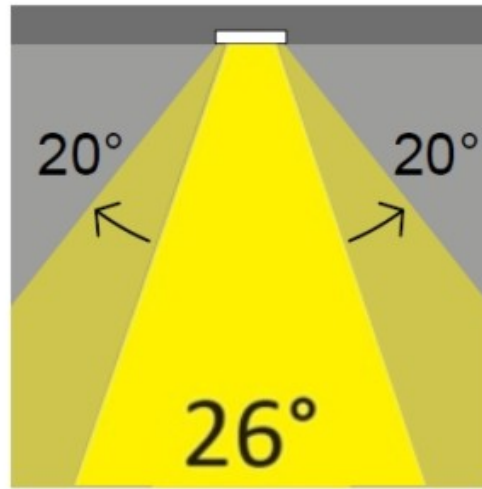
## DIXIT RA8 RECESSED

E56096-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



26°



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

E

## DIXIT RA8 RECESSED

### E56103-

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: Exterior  
Mounting Type: Recessed  
Mounting Location: Ceiling  
Subcategory: Downlight

#### PHYSICAL

Shape: Round  
Diameter (mm): 80  
Diameter (in): 3 1/8  
Height (mm): 81  
Height (in): 3 3/16  
Min. Recessing Depth (mm): 121  
Min. Recessing Depth (in): 4 3/4  
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  
Housing: See Components  
Input Voltage (V): 120 - 277  
Constant Current (MA): 250 / 350

#### LED

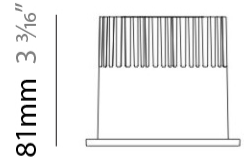
Number of LEDs: 1  
Color Temperature (°K): 2700 / 3000 / 4000  
Max. Delivered Lumen (lm): 1096 - 1140 / 1447 - 1491  
CRI: >80 CRI  
Efficiency (%): 87.7  
Lamp Life (hrs): 50000  
Upon Request: 3500K upon request

#### OPTICAL

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

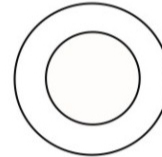
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
IP rating: IP65  
IK Rating: IK08  
Glare Rating: ≤ 19



Ø80mm 3 1/8"

Ø50mm 2"



Ø70mm  
2 3/4"

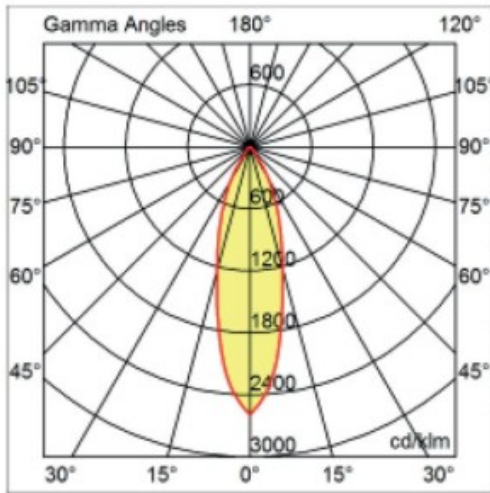
4 3/4"  
121mm



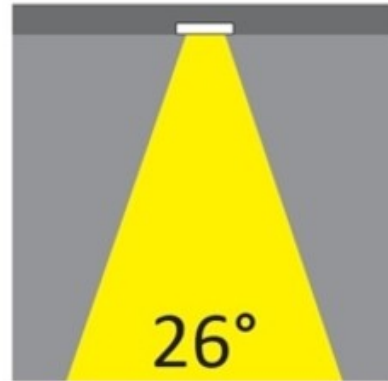
## DIXIT RA8 RECESSED


E56103-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



26°



Dimming	DP	DV	Order Example  <b>K°</b>
	Phase	0-10V	
Color Temperature	27K	30K	<b>K°</b>
	2700K	3000K	
			3000K

E

PROJECT

TYPE

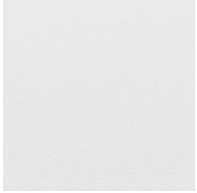
SPECIFIER

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.





PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

### 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

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

### IK RATING

IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)