

DIXIT RA8 RECESSED

A56057-

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: Square
 Length (mm): 80
 Length (in): 3 1/8"
 Width (mm): 80
 Width (in): 3 1/8"
 Height (mm): 70
 Height (in): 2 3/4"
 Min. Recessing Depth (mm): 110
 Min. Recessing Depth (in): 4 3/16"
 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 (%): 87.7
 Lamp Life (hrs): 50000
 Upon Request: 3500K upon request

OPTICAL

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

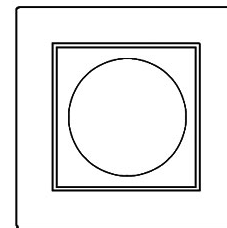
RATINGS AND CERTIFICATIONS

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



80mm 3 1/8"

51mm 2"



70mm
 2 3/4"

4 5/16"
 110mm



DIXIT RA8 RECESSED

A56057-

PROJECT
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	DP	DV		Order Example		K°
Dimming	Phase	0-10V		L5XXXXXX-DV-30K		
Color Temperature	27K	30K	35K	40K		K°
	2700K	3000K	3500K	4000K	0-10V	3000K



PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

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 ⅙
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	
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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	
	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
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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

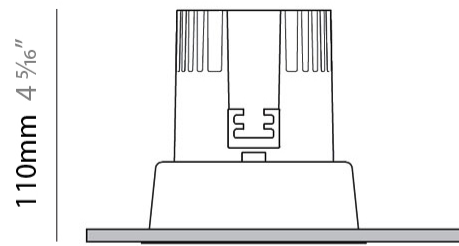
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 1096 / 1447
CRI: >80 CRI
Efficiency (%): 87.7
Lamp Life (hrs): 50000
Upon Request: 3500K upon request

OPTICAL

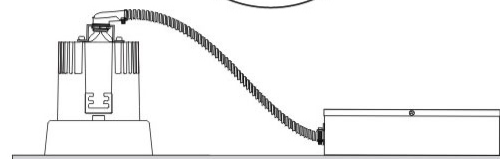
Optic°: 26
Beam Angle: Symmetric
Adjustability: Fixed
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

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	
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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

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

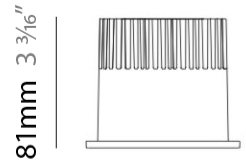
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 4000
 Max. Delivered Lumen (lm): 1096 - 1140 / 1447 - 1491
 CRI: >80 CRI
 Efficiency (%): 87.7
 Lamp Life (hrs): 50000
 Upon Request: 3500K upon request

OPTICAL

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

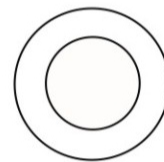
RATINGS AND CERTIFICATIONS

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



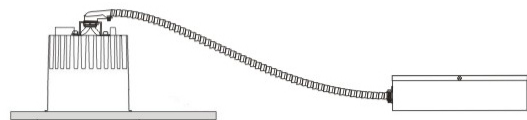
Ø80mm 3 1/8"

Ø50mm 2"



Ø70mm
2 3/4"

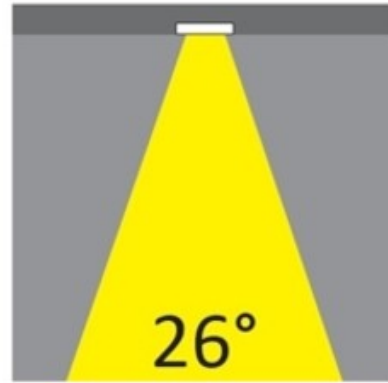
4 3/4"
121mm



DIXIT RA8 RECESSED

E56103-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



26°

Dimming	DP	DV	Order Example	K°
	Phase	0-10V		
Color Temperature	27K	30K	0-10V	K°
	2700K	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.



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