ZANEEN®

DIXIT RA20 RECESSED

A56015-

base number

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

Mounting Location: Ceiling Subcategory: Downlight **PHYSICAL** Shape: Round Diameter (mm): 200 Diameter (in): 7 1/8 Height (mm): 95 Height (in): 3 3/4 Min. Recessing Depth (mm): 143 Min. Recessing Depth (in): 5 1/8 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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

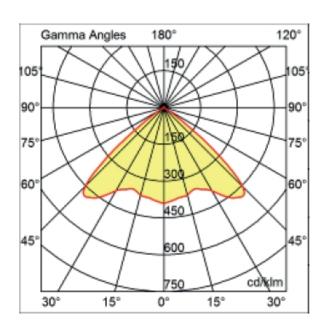


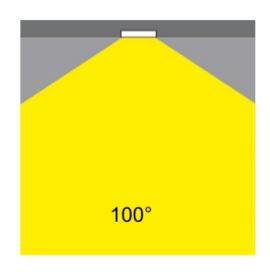




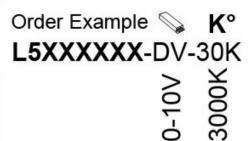
A56015-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





	[OP .	DV	5	\
Dimming	Ph	ase	0-10	V	
Color	27K	30K	35K	40K	K°
Temperature	2700K	3000K	3500K	4000K	





ZANEEN®

DIXIT RA11 RECESSED

A56020-

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 RA11
Brand: Ivela
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

Subcategory: Downlight **PHYSICAL** Shape: Round Diameter (mm): 110 Diameter (in): 4 1/16 Height (mm): 70 Height (in): 2 1/4 Min. Recessing Depth (mm): 110 Min. Recessing Depth (in): 4 15/16 Light Distribution: Direct Weight (kg): 0.6 Weight (lbs): 1.32 Diffuser: Clear Polycarbonate Fixture Finish: MWH Fixture Material: Aluminum Die Cast Cut-out Measurements: 100mm / 3 15/16"

ELECTRICAL

Lamp Type: LED Total Output Wattage (W): 12 / 18 / 26

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 / 700

LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 1513 / 2092 / 2759

CRI: >85 CRI

Efficiency (%): 89

Lamp Life (hrs): 50000

Upon Request: 3500K upon request

OPTICAL

Optic°: 55

Adjustability: Fixed

Upon Request: Optic 18° or 30° (mirror-metallized) / 70° (white)

RATINGS AND CERTIFICATIONS

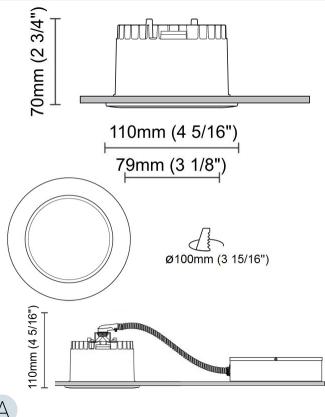
Certified By: Certified for North American Standards

IP rating: IP43
IK Rating: IK08

Glare Rating: ≤19

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

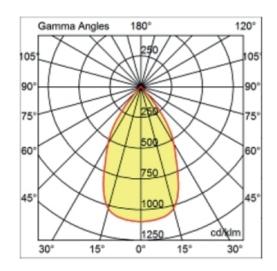






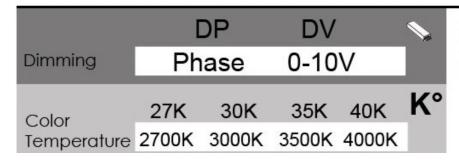
A56020-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





RA 1	1 DIXI	T LED	12W	1700LM 3000K	R:100%				I.Max:1096 Cd/Klm		
H[m]	D[m]	Max lux	Med lux	Alpha=55°	 H[m]	D(m)	Max lux	Med lux	Beta=55°	ф-	
1.00	1.13	1658	898		1.00	1.13	1658	898			
2.00	2.26	415	224		2.00	2.26	415	224			
3.00	3.38	184	100		3.00	3.38	184	100			
4.00	4.51	104	56		4.00	4.51	104	56			
5.00	5.64	66	36		5.00	5.64	66	36			





DIXIT RA11 RECESSED

A56024-

base number

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 RA11
Brand: Ivela
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

Subcategory: Downlight **PHYSICAL** Shape: Round Diameter (mm): 125 Diameter (in): 4 15/16 Height (mm): 79 Height (in): 3 1/8 Min. Recessing Depth (mm): 119 Min. Recessing Depth (in): 4 1/16 Light Distribution: Direct Weight (kg): 0.6 Weight (lbs): 1.32 Diffuser: Clear Polycarbonate Fixture Finish: MWH Fixture Material: Aluminum Die Cast Cut-out Measurements: 116mm / 4 9/16"

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 12 / 18 / 26

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 / 700

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 1513 - 1602 / 2092 - 2180 / 2759 - 2848
CRI: >85 CRI

Efficiency (%): 89
Lamp Life (hrs): 50000
Upon Request: 3500K upon request

OPTICAL

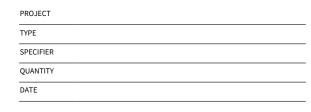
Optic°: 55
Adjustability: Tilt ±20°

Upon Request: Optic 18° or 30° (mirror-metallized) / 70° (white)

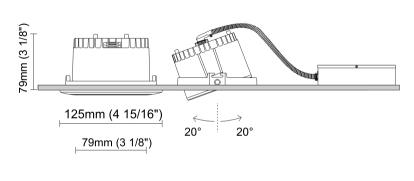
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20
IK Rating: IK08
Glare Rating: ≤ 19







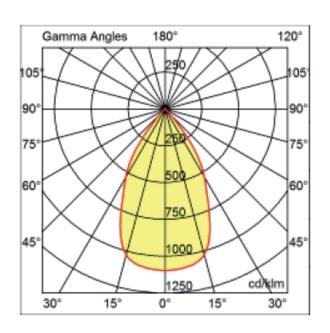


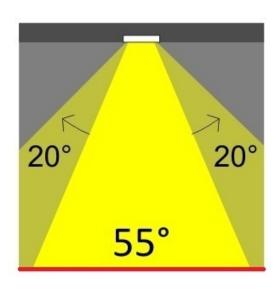




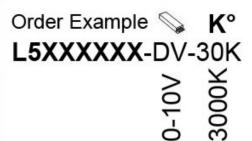
A56024-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





	[OP .	DV	5	\
Dimming	Ph	ase	0-10	V	
Color	27K	30K	35K	40K	K°
Temperature	2700K	3000K	3500K	4000K	





DIXIT RA11 RECESSED

A56028-

base number

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 RA11 Brand: Ivela Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL Shape: Round Diameter (mm): 126 Diameter (in): 4 15/16 Height (mm): 104 Height (in): 4 1/8 Min. Recessing Depth (mm): 144 Min. Recessing Depth (in): 5 11/16 Light Distribution: Direct Weight (kg): 0.6 Weight (lbs): 1.32 Diffuser: Clear Polycarbonate Fixture Finish: MWH Fixture Material: Aluminum Die Cast Cut-out Measurements: 122mm / 4 13/16"

ELECTRICAL

Lamp Type: LED Total Output Wattage (W): 12 / 18 / 26

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 / 700

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 1513 - 1602 / 2092 - 2180 / 2759 - 2848

CRI: >85 CRI

Efficiency (%): 89 Lamp Life (hrs): 50000

Upon Request: 3500K upon request

OPTICAL

Optic°: 55

Adjustability: Fixed

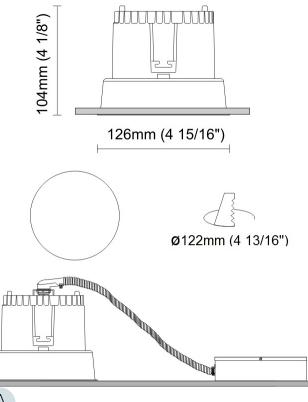
Upon Request: Optic 18° or 30° (mirror-metallized) / 70° (white)

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP43 IK Rating: IK08 Glare Rating: ≤ 19 **PROJECT** TYPE SPECIFIER QUANTITY DATE



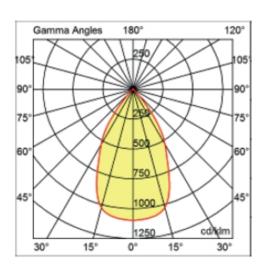


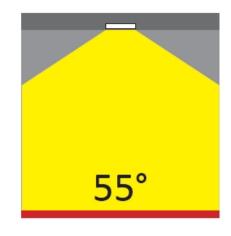
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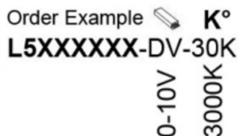
A56028-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Dimming	DP Phas		DV -10V	•	Order Exa
Color Temperature	27K 2700K	30K 3000K	35K 3500K	K°	





DIXIT RA11 RECESSED

A56032-

base number

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 RA11 Brand: Ivela Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL

Shape: Round Diameter (mm): 141 Diameter (in): 5 % Height (mm): 117 Height (in): 4 1/8 Min. Recessing Depth (mm): 157 Min. Recessing Depth (in): 6 \(^{3}\)₁₆ Light Distribution: Direct Weight (kg): 0.7 Weight (lbs): 1.54 Diffuser: Clear Polycarbonate Fixture Finish: MWH Fixture Material: Aluminum Die Cast Cut-out Measurements: 126mm / 4 15/16"

ELECTRICAL

Lamp Type: LED Total Output Wattage (W): 12 / 18 / 26

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 / 700

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000

Max. Delivered Lumen (lm): 1513 / 2092 CRI: >85 CRI

Efficiency (%): 89

Lamp Life (hrs): 50000

Upon Request: 3500K upon request

OPTICAL

Optic°: 55

Adjustability: Fixed

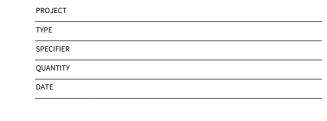
Upon Request: Optic 12° or 30° (mirror-metallized) / 70° (white)

RATINGS AND CERTIFICATIONS

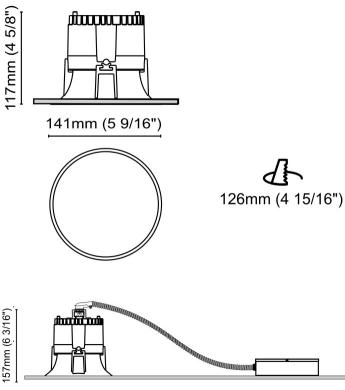
Certified By: CSA Certified to UL and CSA Standards

IP rating: IP43 IK Rating: IK08

Glare Rating: ≤ 19





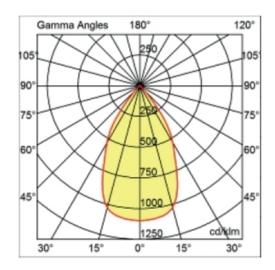


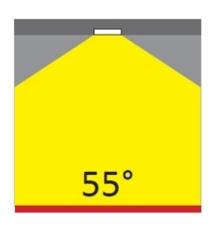
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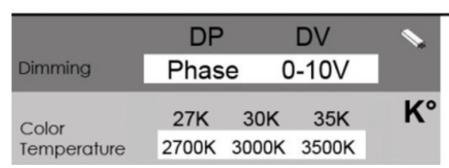
A56032-

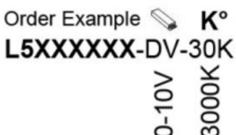
PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





RA 1	1 DIXI	TLED	SOFT	12W 1700 lm 3	3000K	R:100%				I.Max:1293 Cd/Klm		
H[m]	D[m]	Max lux	Med lux	Alpha=54°		H[m]	D[m]	Max lux	Med lux	Beta=54°		
1.00	1.02	1913	1003			1.00	1.02	1913	1003			
2.00	2.04	478	251			2.00	2.04	478	251			
3.00	3.06	213	111			3.00	3.06	213	111			
4.00	4.08	120	63			4.00	4.08	120	63			
5.00	5.10	77	40			5.00	5.10	77	40			







DIXIT RA8 RECESSED

A56061-

base number

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 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): 85
Height (in): 3 3/6
Min. Recessing Depth (mm): 125
Min. Recessing Depth (in): 4 15/16
Light Distribution: Direct
Weight (kg): 0.3
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

LED

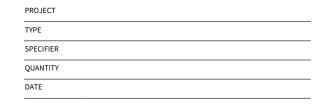
Constant Current (MA): 350 / 500

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

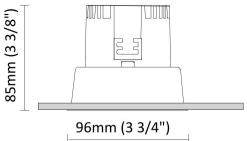
OPTICAL
Optic°: 26
Beam Angle: Symmetric
Adjustability: Fixed
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

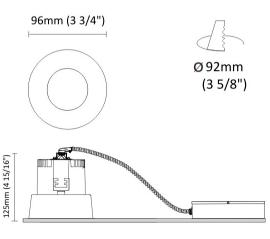
RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards

IP rating: IP44
IK Rating: IK08







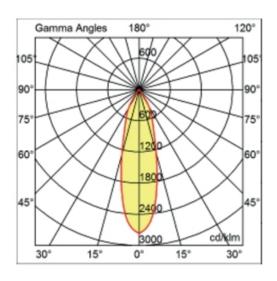


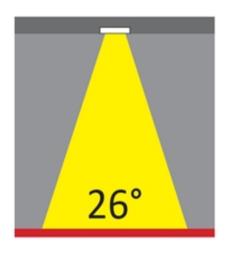




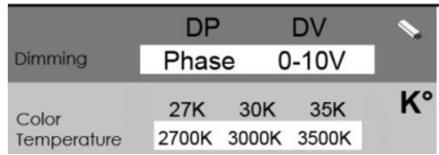
A56061-

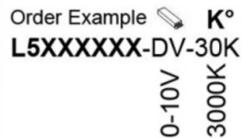
PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





RA 8	RA 8 TL DIXIT LED 6,5W 550 Im					R:100%				I.Max:2958 Cd/Klm				n		
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			Λ	\	
2.00	0.94	377	235				\	2.00	0.94	377	235					
3.00	1.41	168	104		1			3.00	1.41	168	104				1	
4.00	1.89	94	59					4.00	1.89	94	59			Ī		
5.00	2.36	60	38					5.00	2.36	60	38			T		







ZANEEN®

DIXIT RA8 RECESSED

A56063-

base number

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

PHYSICAL

Shape: Round

Diameter (mm): 96

Diameter (in): 3 $\frac{3}{4}$ Height (mm): 110

Height (in): 4 $\frac{5}{16}$ Min. Recessing Depth (mm): 150

Min. Recessing Depth (in): 5 $\frac{7}{8}$ 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

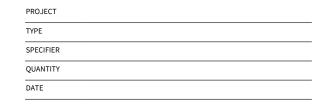
Upon Request: Optic 45° (mirror-metallized) / 65° (white)

RATINGS AND CERTIFICATIONS

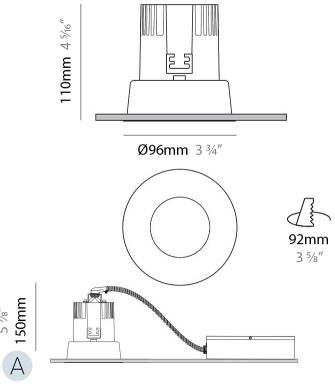
Certified By: Certified for North American Standards

IP rating: IP44

IK Rating: IK08



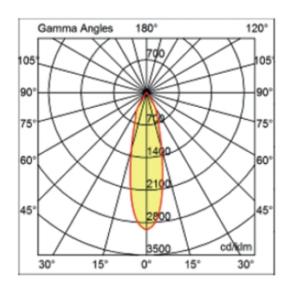


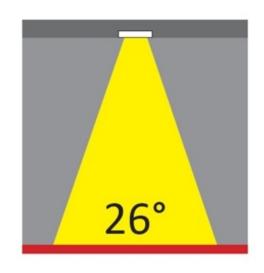




A56063-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





	DP):	DV	•	Order Example 🦠 K°
Dimming	Phas	e C)-10V		L5XXXXXX-DV-30K
Color Temperature	27K 2700K	30K 3000K	35K 3500K	K°	7-10V 3000K



DIXIT RA8 RECESSED

A56069-

base number

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

Subcategory: Downlight **PHYSICAL** Shape: Round Diameter (mm): 80 Diameter (in): 3 $\frac{1}{8}$ 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

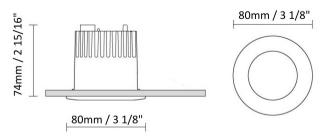
IP rating: IP44

IK Rating: IK08

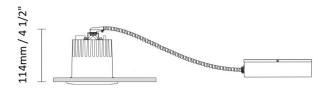
Glare Rating: ≤ 19







Ø 70mm (2 3/4")



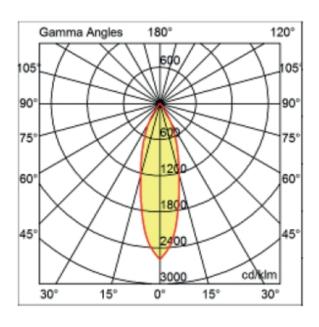


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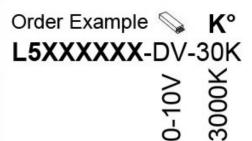
A56069-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





	DP		DV	6	\
Dimming	Phase		0-10	V	
Color	27K	30K	35K	40K	K°
Temperature	2700K	3000K	3500K	4000K	





DIXIT RA8 RECESSED

A56077-

base number

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

Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 103
Diameter (in): 4 ½ 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

LED

Optic°: 26 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

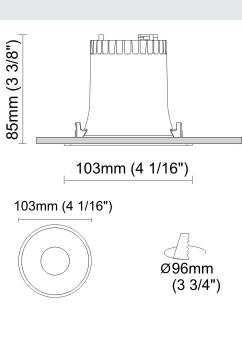
Constant Current (MA): 250 / 350

Certified By: Certified for North American Standards

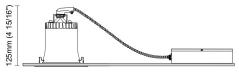
IP rating: IP43







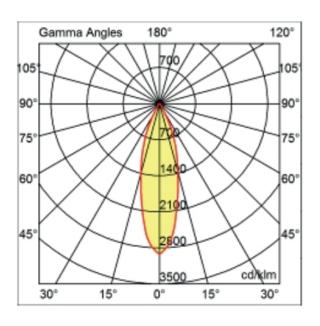


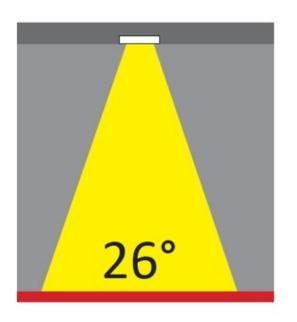




A56077-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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





DIXIT

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.





DIXIT

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

LEGEND

- T	Tues o		A		special LED (upon request) BCP, BCPW tupoble
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	(LM)	lumen (luminous flux)
M	indirect light distribution	*	lens	₩)	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
4	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
d •,→	minimum distance (meters) lamp - object	•	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	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
- Laco	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
४	separately switchable	\odot	indirect diffuser	. (1)	ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	.(N) us	UL Certified to UL and CSA Standards
	remote control	(3)	ball-proof (upon request)	(I)	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	Z	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

above the surface)

IK02	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)
IKO6	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)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm