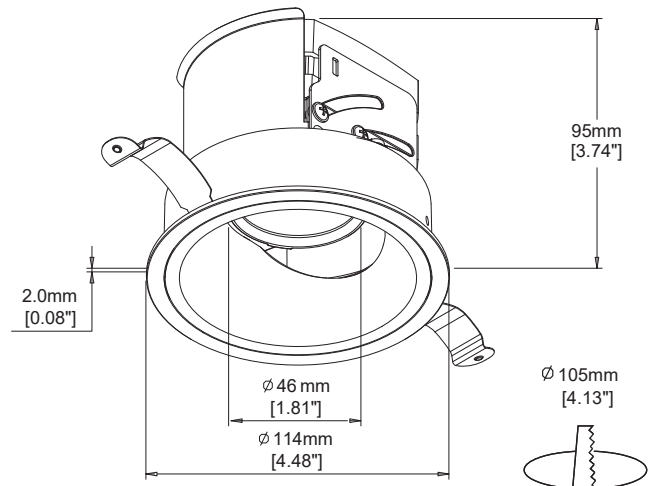


Specification sheet

REV.3

Lithe 100 AJ, Colour Round 3.4" Architectural Adjustable Downlight



Discription

LTE 100 AJ is a 3.5-inch gear-driven adjustable downlight that features a minimal and unexcessive aesthetic with a extensive combinations of shapes, trim styles, trim colors, beam angles and accessories. Center-beam adjustable design optimizes light output up to 40 degrees tilt with full 360 degrees rotation. Gear-driven mechanism enables hot-aiming capability. Installation is hassle-free and all adjustments including tilt, trims, optics, and accessories can be done below ceiling after installation. Light engine is removable from flange and flangeless modules after installation to enable field serviceability.

LTE 100 series is Macron's most comprehensive and professional recessed lighting solution for lighting designers. LTE 100 features two lumen packages and extensive choices of functionality and components to accommodate even the most demanding projects.

Features

LED	Lumiled Luxeon COB 1204 HD
Color temperature	2700K/ 3000K/ 3500K/ 4000K
Optics	Spot 18° / Medium 34° / Wide 45°
Trim Finishes	Black / White / Dark Blue / Glod / Haze
Trim Style	Bevel / Pinhole / Angle Cut
Ceiling Cutont	Ø 105mm [4.13"]

Performance

Delivered output	1400 lm (80 CRI) / 1200 lm (90 CRI)
Power consumption	17 W
Color rendering	80+CRI (90 CRI optional)
Color consistency	3 SDCM
CBCP	Spot 5051cd/ Medium 3336cd/ Wide 2143cd
Lumen maintenance	L70 50,000 hrs

Electrical and Control

Input voltage	See the ordering code
Control	TRIAC ELV / 0-10V dimming / DALI
Feature	Overload & short circuit protection

Construction

Material	Machining grade Aluminum
Trim shape	Round
Lens	Interchangeable TIR optics

Rating/ Certification/ Warranty

- Dry and damp Locations
- RoHS compliant
- 5 years/ 50,000 hrs warranty

Ordering Code Information

	PRODUCT	FLANGE STYLE	FLANGE COLOR	COLOR TEMP.	BEAM ANGLE	COLOR RENDERING
LIGHTING FIXTURE	LTE100 AJ	RF	WH	27	S	8
	LTE100 Adjustable	RF Round Flange	WH White	27 2700K	S Spot / 18deg.	8 80+CRI
		RL Round Flangeless	BK Black	30 3000K	M Medium / 34 deg.	9 90+CRI
		SF Square Flange		35 3500K	W Wide / 45 deg.	
		SL Square Flangeless		40 4000K		
	PRODUCT	TRIM STYLE	TRIM SHAPE	TRIM COLOR		
TRIM	LTE100 TR	BV	RD	WH		
	LTE 100 Trim	BV Bevel	RD Round	WH White		
		PH Pinhole(only in white)		BK Black		
		AJ Angle Cut		BL Dark Blue		
		BW Bevel Wet location		GD Gold		
		PW Pinhole Wet location (only in white)		HZ Haze		

Photometrics

MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+CRI IES file on website)

CCT	2700K-80+	3000K-80+	3500K-80+	4000K-80+
Factors	1.12	1.18	1.20	1.25

CCT	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factors	0.93	1.0	1.04	1.08

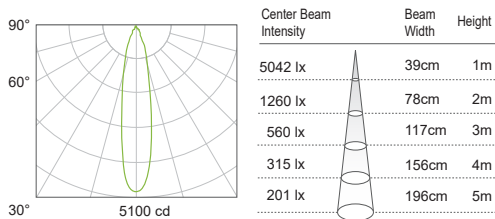
Photometrics

Round | 17W | 90CRI | 3000K | Angle cut trim

Tilt 0 deg.

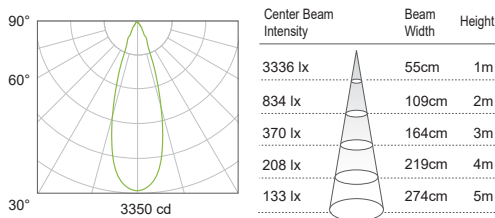
Spot 18°

Delivered Ourput : 1174 lm | CBCP : 5051 cd | Beam Angle : 22°



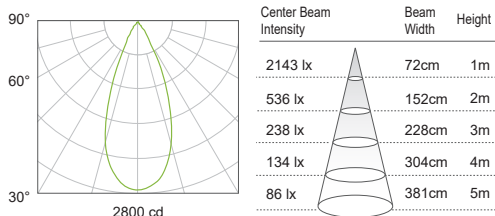
Medium 34°

Delivered Ourput : 1156 lm | CBCP : 3336 cd | Beam Angle : 30.6°



Wide 45°

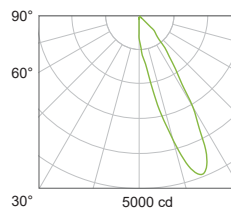
Delivered Ourput : 1152 lm | CBCP : 2143 cd | Beam Angle : 42°



Tilt 20 deg.

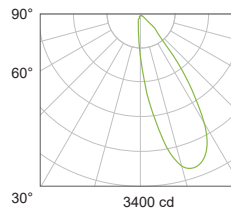
Spot 18°

Delivered Ourput : 1178 lm
CBCP : 4926 cd



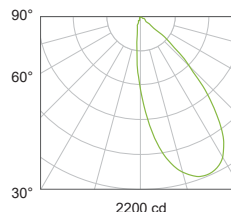
Medium 34°

Delivered Ourput : 1186 lm
CBCP : 3361 cd



Wide 45°

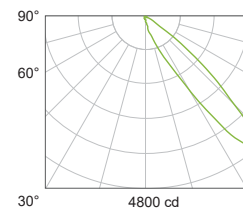
Delivered Ourput : 1104 lm
CBCP : 2143 cd



Tilt 40 deg.

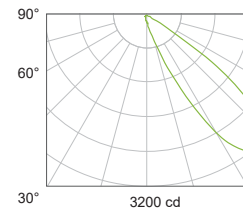
Spot 18°

Delivered Ourput : 1048 lm
CBCP : 4750 cd



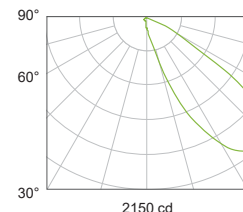
Medium 34°

Delivered Ourput : 1070 lm
CBCP : 3183 cd



Wide 45°

Delivered Ourput : 1022 lm
CBCP : 2141 cd



Lithe 100 AJ, Colour Round
3.4" Architectural Adjustable Downlight

Recommend LED Driver:

<u>Driver No.</u>	<u>Input Voltage</u>	<u>Dimming</u>	<u>Note</u>
DAE-3-430-18	120-277V	TRIAC/ELV DIN ON 120V / 0-10V	
DAE-3-500-20	120-277V	TRIAC/ELV DIN ON 120V / 0-10V	
DAE-3-600-25	220-240V	TRIAC/ELV/ 0-10V	
DD-4-500-20	120-277V	DALI	

Optional Accessory

PRODUCT	ACC.		PRODUCT	ACC.		PRODUCT	ACC.	
LTE 100	CL		LTE 100	SL		LTE 100	HCL	
LTE 100	CL Clear Lens		LTE 100	SL Solite Lens		LTE 100	HCL Honey Comb Louver	