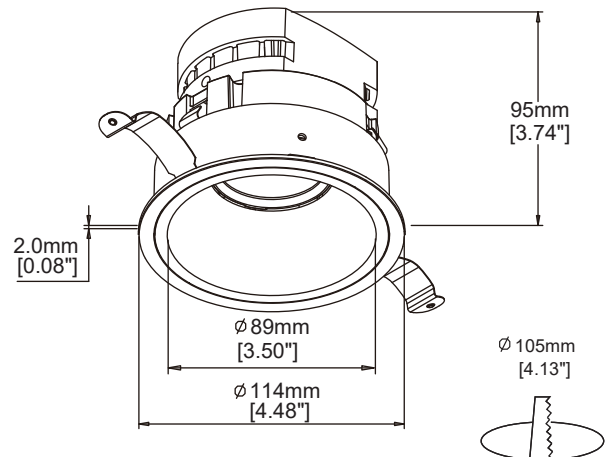


Specification sheet

REV.4

Lithe 100 Round, Fixed Down 3.4" Architectural Downlight



Discription

LTE 100 FD is a 3.4-inch recessed downlight that features a clean and unexcessive aesthetic with a wide range of shapes, trim styles, trim colors, beam angles and accessories. Deep regressed soft-focus lens minimize glare and maintain a clean and undisrupted ceiling space for the architectural aspiration. Installation is hassle-free and all adjustments including 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	Narrow Spot 10°/Spot 18°/ Medium 34° / Wide 45° / Flood 60°
Trim Finishes	Black / White / Dark Blue / Glod / Haze
Trim Style	Bevel / Deep Bevel / Pinhole
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	Narrow Spot 17181cd/Spot 5318cd/ Medium 3613cd/ Wide 2370cd/ Flood 1879cd
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 FD	RF	WH	27	S	8
	LTE100 Fixed Down	RF Round Flange	WH White	27 2700K	N Narrow Spot / 10 deg.	8 80+CRI
		RL Round Flangeless	BK Black	30 3000K	S Spot / 18deg.	9 90+CRI
		SF Square Flange		35 3500K	M Medium / 34 deg.	
		SL Square Flangeless		40 4000K	W Wide / 45 deg.	
					F Flood / 60 deg.	
	PRODUCT	TRIM STYLE	TRIM SHAPE	TRIM COLOR		
TRIM	LTE100 TR	BV	RD	WHGD		
	LTE 100 Trim	BV Bevel	RD Round	WH White	BK Black	
		PH Pinhole(only in white)		WHBK White/Black	BKBL Black/Blue	
		BVD Deep Bevel		WHBL White/Blue	BKGD Black/Gold	
		BW Bevel Wet location		WHGD White/Gold	BKHZ Black/Haze	
		PW Pinhole Wet location (only in white)		WHHZ White/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

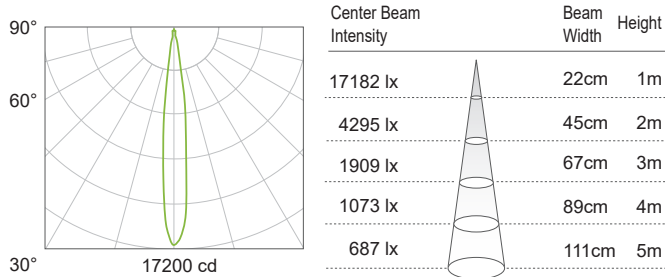
CCT	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factors	0.93	1.0	1.04	1.08

Photometrics

Round | 18W | 90CRI | 3000K | Deep Bevel Trim

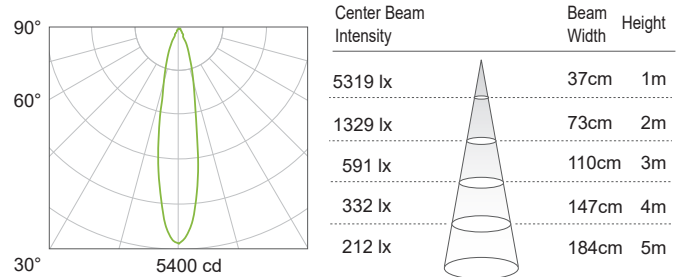
Narrow Spot 10°

Delivered Output : 1163 lm | CBCP : 17181 cd | Beam Angle : 12°



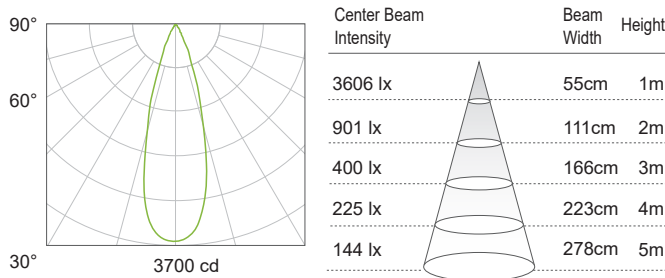
Spot 18°

Delivered Output : 1203 lm | CBCP : 5318 cd | Beam Angle : 21°



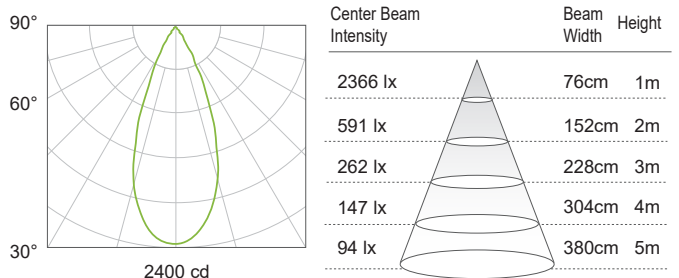
Medium 34°

Delivered Output : 1270 lm | CBCP : 3613 cd | Beam Angle : 32°



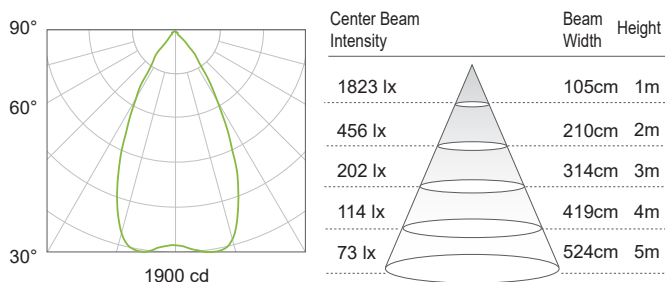
Wide 45°

Delivered Output : 1234 lm | CBCP : 2370 cd | Beam Angle : 41°



Flood 60°

Delivered Output : 1521 lm | CBCP : 1879 cd | Beam Angle : 55°



Lithe 100 Round, Fixed Down

3.4" Architectural Downlight

Recommend LED Driver:

Driver No.	Input Voltage	Dimming	Note
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	