

EZENTIAL231 - LED Downlight

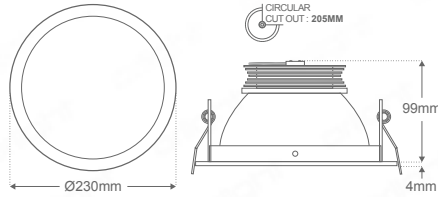


Description

Ezential 231 Solid State fixture combines advanced thermal management with a CREE XBD chipset to enable superior performance. Aluminium construction to IP54 with opal diffuser for glare reduction. Colour consistency is adhered to with a 2-Step MacAdams Ellipse binning strategy. Chip Life TM-21 L70 value > 60,500 hours.

Available in combination with Switched, 1-10V and DALI dimmable Power Supplies.

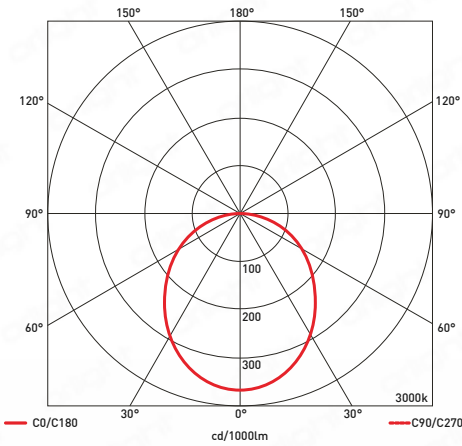
Dimensions



Standards



Polar Report



Specifications

Chipset	CREE XBD Chipset					
Dimming Options	Switched; 1-10V; DALI					
Voltage	42V					
Power Consumption	21W Fixture / 24W Circuit Power			29.4W Fixture / 33W Circuit Power		
Current	500mA	500mA	500mA	700mA	700mA	700mA
Colour Temperature	3000K	4000K	6000K	3000K	4000K	6000K
Light Output ~	1800lm	1838lm	1911lm	2336lm	2563lm	3115lm
lm Per Watt ~	75lm/W	77lm/W	80lm/W	71lm/W	78lm/W	94lm/W
CRI	>80	>75	>70	>80	>75	>70
Beam Angle	115°					
Binning	2 Step MacAdams Ellipse					
Chip Life TM-21	L70 > 60,500 hours					
IP Rating	54					
Weight	932g					
Finish	White Bezel - Aluminium Housing, Black Bezel - Aluminium Housing					

Alternate Finish - Black



Colourmetrics

3000K								4000K							
R1	R2	R3	R4	R5	R6	R7	R8	R1	R2	R3	R4	R5	R6	R7	R8
81	88	95	83	80	85	87	65	72	78	84	76	71	70	84	60
R9	R10	R11	R12	R13	R14	R15		R9	R10	R11	R12	R13	R14	R15	
14	72	82	65	82	98	74		0	48	72	43	72	90	64	

6000K							
R1	R2	R3	R4	R5	R6	R7	R8
66	70	74	70	67	62	77	57
R9	R10	R11	R12	R13	R14	R15	
0	30	69	38	66	88	58	

Product Coding: Example: EZENTIAL231-WH-4000K-DALI

*Accessories

CODE	SIZE	FINISH	COLOUR TEMP	DIMMING OPTION	EMERGENCY OPTION	DRIVERS
EZENTIAL	231	WH - (WHITE)	3000K	ND - (SWITCHED 700mA)	EM	EZENTIAL231-DR-ND
		BL - (BLACK)	4000K	1-10V - (Variable mA)	EM	DR40LCM-700
			6000K	DALI - (Variable mA)	EM	DALIDR40LCM

*Refer to Accessories