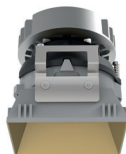
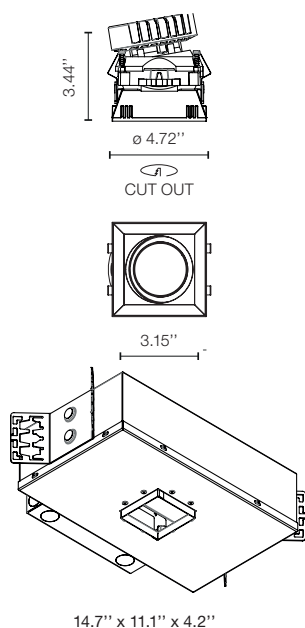


Kap 80 Squared Adjustable Airtight - IC Rated

Ceiling Recessed Trimless Downlight



Dimensions



Description

LED trimless downlight for new construction. Recessed mud-in mounting into drywall or plasterboard. Die-cast aluminum body with painted lacquer finish. This LED downlight uses cutting edge technology which creates a higher-powered downlight due to cooler operating electronics yielding 20% higher luminous flux than earlier models. Product is JA8-2019 CA Title 24 listed and CCEA Chicago Plenum.

Lamp

Lamps Type	LED ARRAY
Wattage	9.2W
Output Nominal	935lm, 974lm
Color Temperature	2700K, 3000K
Color rendering	CRI 90

Optical

Beam Angle	18°/ 26°/ 53°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Aluminum
Aiming	Adjustable to 20°
Weight	0.6 Lbs
Ingress Protection Rating	IP54
Finishes	Painted lacquer

☐ B1 White

☒ GL Matt Gold

☐ 74 Black

Certifications



Photometrics

For current IES files please visit architectural.flosusa.com

Warranty

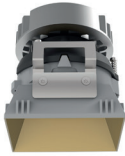
2 years from date of sale.

Installation type	Ceiling
Environment	Indoor

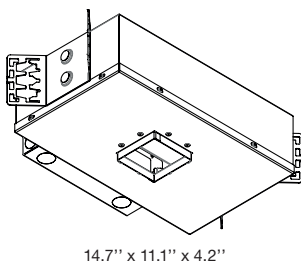
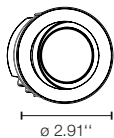
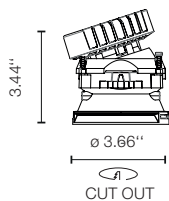


Kap 80 Squared Adjustable Airtight - IC Rated

Ceiling Recessed Trimless Downlight



Dimensions



Electrical & Control

Input Voltage	120-277V
Control	Standard 0-10V dimming 1% linear
Driver	Integral on housing
Current	500mA

Performance

Maximum delivered output	771 lm
Efficacy	83.8 lm/W

Notes

Integral LED. COB is not field replaceable.

Softening diffuser accessory provided.

IP54 – Suitable for Damp locations.

Airtight Listed housing for new construction only.

JA8-2019 CA Title 24 listed downlight, 0-10V dimmable. Not available with ELV dimming.

CCEA, Chicago Plenum standard 0-10V dimmable. Consult with factory for ELV option.

IC-rated downlight for direct insulation contact.

Certifications



Photometrics

For current IES files please visit
architectural.flosusa.com

Warranty

2 years from date of sale.

FLOS, USA
36 East 31st Street
Suite 402
New York N.Y. 10016
(800) 841.4011

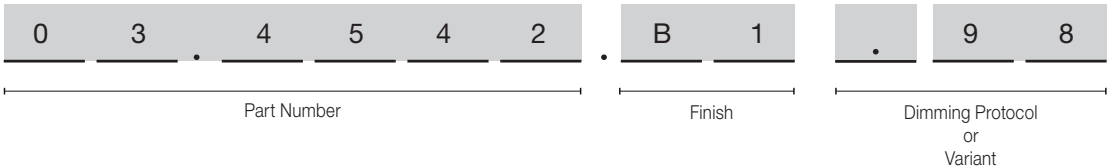
For more information contact your representative or go to professional.flos.com/en-US/us/
©2026 Specifications and dimensions subject to change without notice. Issued 02.03.2026



Kap 80 Squared Adjustable Airtight - IC Rated

Ceiling Recessed Trimless Downlight

How to specify



How to Specify ex. 03.4542.B1.98

Part Number	CCT	CRI	Initial Lumens	Watts	Beam Angle	Finish	Variant
03.4542	3000	90	974	9.2W	18°	B1 = White GL = Gold 74 = Black	.98 : CCEA, JA8-2019 CA Title 24 listed downlight. Housing is required.
03.4543	2700		935				
03.4186	3000		974		26°		
03.4187	2700		935				
03.4544	3000		974		53°		
03.4545	2700		935				

Required Housing and Hanger Bar

Kap 80 Squared Airtight Housing for New construction, Integral 0-10V dimmable driver. Title 24 - JA8, CCEA Chicago Plenum

08.7061.00.90

1 male, 1 female hanger bar
Extendable from 14" to 24" centers. Qty required 2

08.1201.00.UL