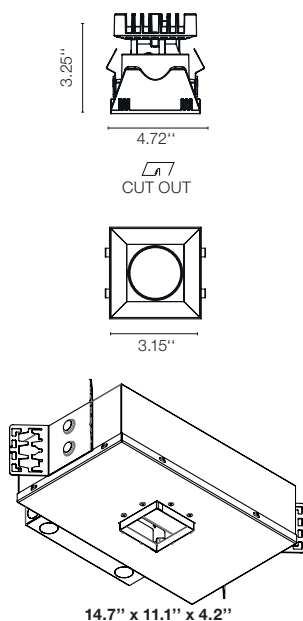


Dimensions



Certifications



Photometrics

For current IES files please visit
architectural.flosusa.com

Warranty

2 years from date of sale.

Kap 80 Squared Fixed Airtight

Ceiling Recessed Trimless Downlight

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	17°/ 26°/ 50°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Aluminum
Aiming	Fixed
Weight	0.6 Lbs
Ingress Protection Rating	IP54
Finishes	Painted lacquer

☐ B1 White

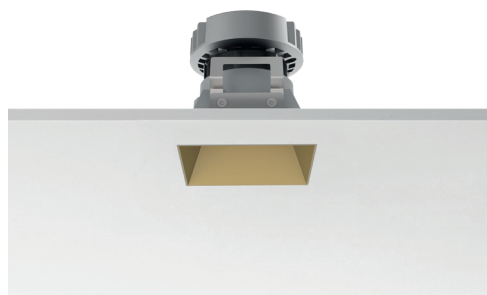
☒ 74 Black

☐ GL Matt Gold

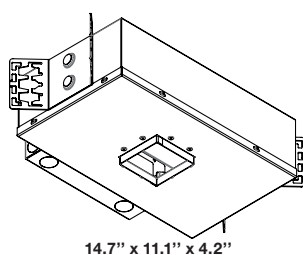
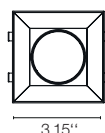
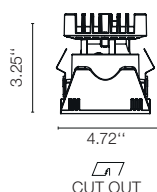


Installation type	Ceiling
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Environment	Indoor
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Dimensions



Kap 80 Squared Fixed Airtight

Ceiling Recessed Trimless Downlight

Electrical & Control

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

Performance

Maximum delivered output	771lm
Efficacy	83.8lm/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



JA8-2019 CA
TITLE 24
LISTED



Photometrics

For current IES files please visit
architectural.flosusa.com

Warranty

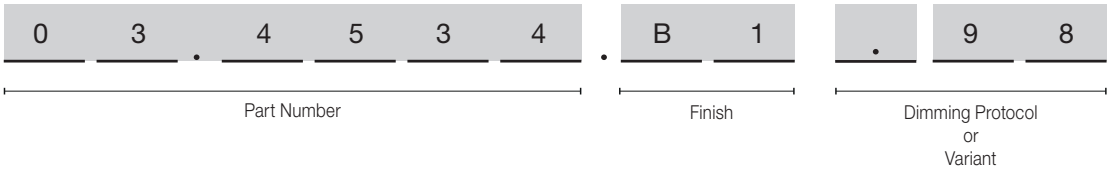
2 years from date of sale.

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

Kap 80 Squared Fixed Airtight

Ceiling Recessed Trimless Downlight

How to specify



How to Specify ex. 03.4534.B1.98

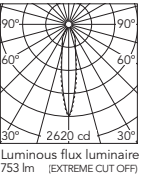
Part Number	CCT	CRI	Initial Lumens	Watts	Beam Angle	Finish	Variant
03.4534	3000	90	974	9,2W	19°	B1 = White 74 = Black GL = Gold	.98 : CCEA, JA8-2019 CA Title 24 listed downlight. Housing is required.
03.4535	2700		935				
03.4182	3000		974		26°		
03.4183	2700		935				
03.4536	3000		974		50°		
03.4537	2700		935				

Kap 80 Squared Fixed Airtight

Ceiling Recessed Trimless Downlight

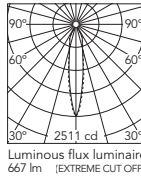
Photometries Optic Spot

B1 White



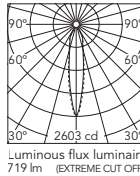
h(m)	E(lx)	D(m)
1	2620	0.32
2	655	0.64
3	291	0.96
4	164	1.28
5	105	1.60

74 Black



h(m)	E(lx)	D(m)
1	2511	0.31
2	628	0.63
3	279	0.94
4	157	1.25
5	100	1.57

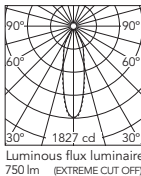
GL Matt Gold



h(m)	E(lx)	D(m)
1	2603	0.32
2	651	0.64
3	289	0.96
4	163	1.28
5	104	1.60

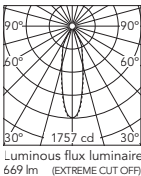
Photometries Optic Medium

B1 White



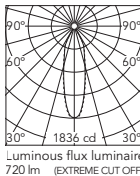
h(m)	E(lx)	D(m)
1	1827	0.48
2	457	0.96
3	203	1.45
4	114	1.93
5	73	2.41

74 Black



h(m)	E(lx)	D(m)
1	1757	0.48
2	439	0.96
3	195	1.44
4	110	1.93
5	70	2.41

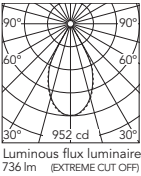
GL Matt Gold



h(m)	E(lx)	D(m)
1	1836	0.49
2	459	0.98
3	204	1.47
4	115	1.95
5	73	2.44

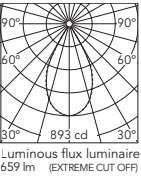
Photometries Optic Flood

B1 White



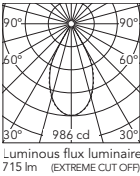
h(m)	E(lx)	D(m)
1	952	1.02
2	238	2.04
3	106	3.06
4	59	4.08
5	38	5.10

74 Black



h(m)	E(lx)	D(m)
1	893	1.03
2	223	2.05
3	99	3.08
4	56	4.11
5	36	5.14

GL Matt Gold



h(m)	E(lx)	D(m)
1	986	1.00
2	247	2.01
3	110	3.01
4	62	4.01
5	39	5.02

Kap 80 Squared Fixed Airtight

Ceiling Recessed Trimless Downlight

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

