

Kaman Adjustable Walkover Led Recessed



KAMAN

ADJUSTABLE LED RECESSED FIXTURES IP67 IK10

The Kaman Recessed series consists of a range of LED light sources to deliver the desired light effect to facades, columns, bridges, monuments, and trees. The fixtures are made of a combination of a 316L stainless steel cover and die cast aluminium body painted with electrostatic powder paint. Tempered glass, silicone gaskets and cast resin complete the fixture to make it IP67 IK10 and withstand rough environments. A specially developed potted power cable is used to effectively bond with the cast resin and stop any water ingress. The fixtures come with an aluminium recessing tube for easy mounting in the ground or concrete. The LEDs used come in 4 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 10 to 30 degrees are available to choose from to achieve the desired light effect.

Asymmetrical LEDs

These fixtures give an asymmetrical light output to facades, columns, bridges, monuments, and trees without losing light to the sky. The die cast aluminium body has a fixed built in tilt to allow for proper heat dissipation of the LEDs that can run up to 700mA.

Cover

316L Stainless steel

Body

Die cast aluminium

Recessing Box

Aluminium

Gaskets

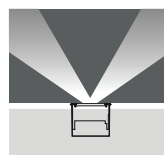
Silicone

Diffusers

Tempered Glass

Screws

316L Stainless steel



Adjustable

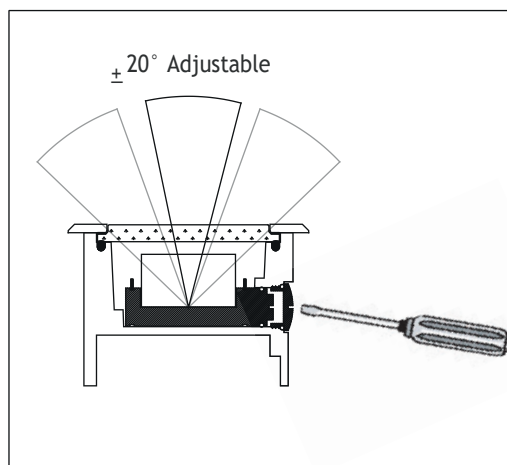


LEDs

Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

"Customization" is EMFA's standard

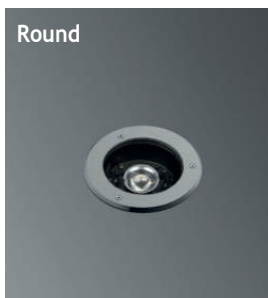
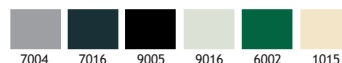
EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 2 finishes of stainless steel, 8 LED colors, 2 wattages, and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.



KAMAN 3

ADJUSTABLE LED RECESSED FIXTURES IP67 IK08

Available in any
of these RAL colors



Voltage : 240 VAC with integrated driver
(12-24 VDC on request)

Diffuser : Clear Glass 8 mm
(Frosted Glass on request)

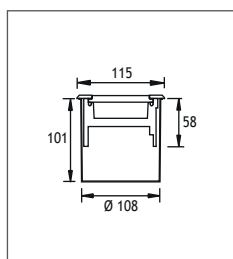
CRI : >80 or >90

Cable : Potted 1m 3x1 H03 VV-F

Single color LED options upon request are ;

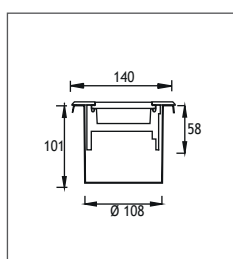
Blue Amber Green Red

Fix to Recessing Tube with Silicone

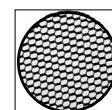
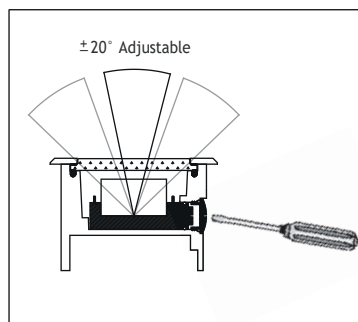


Power	Color	Real Lumen Output	Lens	Code No	
				Round	Square
6W LED	2700 K	570 lm	10°,20°,30°	240003	240103
6W LED	3000 K	570 lm	10°,20°,30°	240001	240101
6W LED	4000 K	580 lm	10°,20°,30°	240002	240102
6W LED	6000 K	592 lm	10°,20°,30°	240004	240104
11W LED	2700 K	1045 lm	10°,20°,30°	240013	240113
11W LED	3000 K	1045 lm	10°,20°,30°	240011	240111
11W LED	4000 K	1065 lm	10°,20°,30°	240012	240112
11W LED	6000 K	1088 lm	10°,20°,30°	240014	240114

Fix to Recessing Tube with Screws



Power	Color	Real Lumen Output	Lens	Code No	
				Round	Square
6W LED	2700 K	570 lm	10°,20°,30°	241003	241103
6W LED	3000 K	570 lm	10°,20°,30°	241001	241101
6W LED	4000 K	580 lm	10°,20°,30°	241002	241102
6W LED	6000 K	592 lm	10°,20°,30°	241004	241104
11W LED	2700 K	1045 lm	10°,20°,30°	241013	241113
11W LED	3000 K	1045 lm	10°,20°,30°	241011	241111
11W LED	4000 K	1065 lm	10°,20°,30°	241012	241112
11W LED	6000 K	1088 lm	10°,20°,30°	241014	241114



Honeycomb
Code No: 953511