

KSA0718 KOPA SQUARE ADJUSTABLE REFLECTOR

MULTI WATT LED (7-18W)

General

7/10/13/18W options
 IP44 rated optical chamber
 CRI >80 (3000k, 4000k)
 3 SDCM colour consistency
 L70 (9K), B10 > 50,000 hours (tested at max.wattage)
 Reflector beam 15/25/38/60 degree
 Easy fit/remove mounting brackets

Driver Details

Non-dimmable:
 7W = K9W-180 / 10W = K12W-260 /
 13W = K12W-350 / 18W = K20W-500
 Trailing edge dimmable (LED dimmer):
 4W = K4W-100D / 7W = K9W-180D / 10W = K12W-260D /
 13W = K12W-350D / 18W = K18W-500D
 *Driver required per LED module

Material & Construction

Solid aluminium body with copper core heatsink
 10 year paint treatment



Machined from
6063 Aluminium

Options

CRI>95, COI, Single colours
 Dimmable driver 1-10V, DALI, DSI, PUSH DIM, ZIGBEE
 Bluetooth, 12/24V DC
 Seismic restraint mounting point

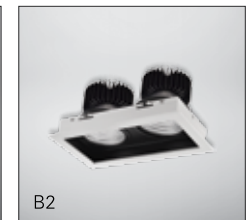
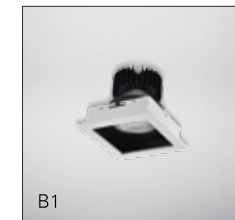
Size & Weight

Dimension Height:
110mm / B1 122x122 / B2 122x227 / B3 122x332
 Max. Cut-out:
B1 110x110 / **B2** 110x215 / **B3** 110x320
 Weight:
B1 565g / **B2** 1030g / **B3** 1510g

Specifications

MODEL	KSA0718			
TRIM	B1-Square Single	B2-Rectangle Double	B3-Rectangle Triple	
OPTICS	15-15° Reflector	25-25° Reflector	38-38° Reflector	60-60° Reflector
C.C.T	3K-Warm White	4K-Neutral White	5.5K-Daylight	
WATTAGE	7W-180mA	10W-260mA	13W-350mA	18W-500mA
COLOUR	WH-White/Black Baffle	SL-Silver/Black Baffle	BL-Black/Black Baffle	

MODEL - TRIM - OPTICS - COLOUR TEMP - WATTAGE - COLOUR



KSA0718 KOPA SQUARE ADJUSTABLE DIFFUSED

MULTI WATT LED (7-18W)

General

7/10/13/18W options
 IP44 rated optical chamber
 CRI >80 (3000k, 4000k)
 3 SDCM colour consistency
 L70 (9K), B10 > 50,000 hours (tested at max.wattage)
 Diffused 80 degree optics
 Easy fit/remove mounting brackets

Driver Details

Non-dimmable:
 7W = K9W-180 / 10W = K12W-260 /
 13W = K12W-350 / 18W = K20W-500
 Trailing edge dimmable (LED dimmer):
 4W = K4W-100D / 7W = K9W-180D / 10W = K12W-260D /
 13W = K12W-350D / 18W = K18W-500D
 *Driver required per LED module

Material & Construction

Solid aluminium body with copper core heatsink
 10 year paint treatment



Machined from
6063 Aluminium

Options

CRI>95, COI, Single colours
 Dimmable driver 1-10V, DALI, DSI, PUSH DIM, ZIGBEE
 Bluetooth, 12/24V DC
 2W auxiliary light (pg 78)
 Seismic restraint mounting point

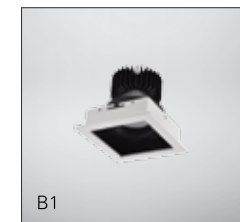
Size & Weight

Dimension Height:
105mm / B1 122x122 / B2 122x227 / B3 122x332
 Max. Cut-out:
B1 110x110 / B2 110x215 / B3 110x320
 Weight:
B1 560g / B2 1025g / B3 1500g

Specifications

MODEL	KSA0718			
TRIM	B1-Square Single	B2-Rectangle Double	B3-Rectangle Triple	
OPTICS	80F-80° Diffused			
C.C.T	3K-Warm White	4K-Neutral White	5.5K-Daylight	
WATTAGE	7W-180mA	10W-260mA	13W-350mA	18W-500mA
COLOUR	WH-White/Black Baffle	SL-Silver/Black Baffle	BL-Black/Black Baffle	

MODEL TRIM OPTICS COLOUR TEMP WATTAGE COLOUR

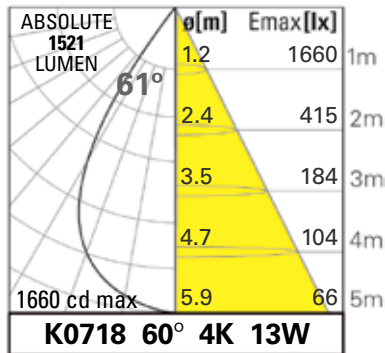


PHOTOMETRIC DATA

All photometric data is solely based on ABSOLUTE lumens and is provided in the top left corner of each cone diagram table.

LM-80/TM-21/LM-79 Testing is carried out by NVLAP international certified laboratory.

IES files are available to download from www.kopaglobal.com (no registration required)



Absolute lumen = lumen value produced by the luminaire running at 25°C ambient with heat sink temperature at equilibrium.

Cd max = Peak candela reading taken at an angle of 0° degrees

ø[m] = Beam diameter based on value of 50% of cd max

Emax[lx] = Lux level at centre of beam diameter

m = Height of light above surface to be lit

Tip: For calculation of lux level (Emax) use this simple formula:

$$\frac{\text{cdmax}}{\text{m}^2} = \text{Emax [lx]}$$

Example: 2.7m height with lux level at floor required (K0718 60 4K 13W)

$$\frac{1160\text{cd}}{2.7 \times 2.7\text{m}} = 228 \text{ lux}$$
