

KSA1235 KOPA SQUARE ADJUSTABLE REFLECTOR

MULTI WATT LED (12-35W)

General

12/16/22/35W 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:
 12W = K12W-350 / 16W = K20W-500 /
 22W = K40W-700 / 35W = K40W-1050
 Trailing edge dimmable (LED dimmer):
 12W = K12W-350D / 16W = K18W-500D /
 22W = K36W-700D / 35W = K36W-1050D
 *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

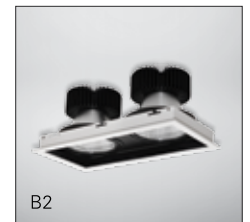
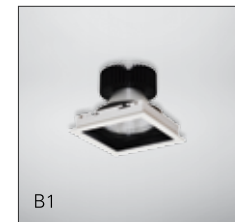
Size & Weight

Dimension Height:
130mm / B1 170X170 / B2 170X340 / B3 170X540
 Max. Cut-out:
B1 158x158 / B2 158x328 / B3 158x498
 Weight:
B1 1120g / B2 2355g / B3 3400g

Specifications

MODEL	KSA1235			
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	12W-350mA	16W-500mA	22W-700mA	35W-1050mA
COLOUR	WH-White/Black Baffle	SL-Silver/Black Baffle	BL-Black/Black Baffle	

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



KSA1235 KOPA SQUARE ADJUSTABLE DIFFUSED

MULTI WATT LED (12-35W)

General

12/16/22/35W 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:
 12W = K12W-350 / 16W = K20W-500 /
 22W = K40W-700 / 35W = K40W-1050
 Trailing edge dimmable (LED dimmer):
 12W = K12W-350D / 16W = K18W-500D /
 22W = K36W-700D / 35W = 36W-1050D
 *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

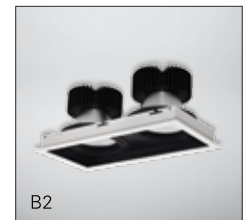
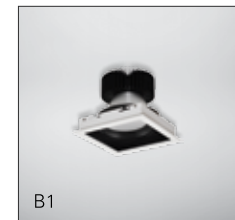
Size & Weight

Dimension Height:
125mm / B1 170X170 / B2 170X340 / B3 170X540
 Max. Cut-out:
B1 158x158 / B2 158x328 / B3 158x498
 Weight:
B1 1135g / B2 2420g / B3 3480g

Specifications

MODEL	KSA1235			
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	12W - 350mA	16W - 500mA	22W - 700mA	35W - 1050mA
COLOUR	WH-White/Black Baffle	SL-Silver/Black Baffle	BL-Black/Black Baffle	

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

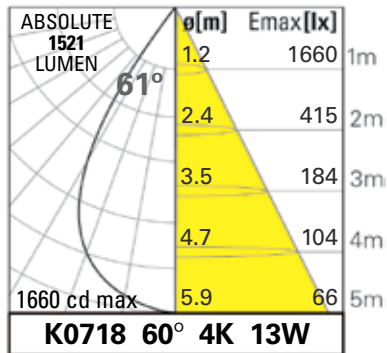


PHOTOMETRIC DATA

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)

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