

KSL-B KOPA SQUARE LINEAR DIFFUSED

MULTI WATT LED (7-42W)

General

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

Driver Details

Non-dimmable:
 7W = K12W-350 / 14W = K18W-350D /
 21W = K30W-500D / 30W = K40W-700D
 + Y lead / 42W = (2x) K30W-500D
 Trailing edge dimmable (LED driver);
 7W = K12W-350D / 14W = K18W-350D
 21W = K30W-500D / 30W = K18W-700D
 + Y lead / 42W = (2x) K30W-500D
 (KSL42W can be used with single 1050mA driver(<42V), Y lead)

Material & Construction

Solid aluminium body with copper core heatsink
 10 year paint protection



Machined from
Solid Aluminium

Options

CRI>90, COI, Single colours
 Dimmable driver 1-10V, DALI, DSI, PUSH DIM, ZIGBEE
 Bluetooth, 12/24V DC
 Custom length available on application
 Custom wattage available on application
 Seismic restraint mounting point

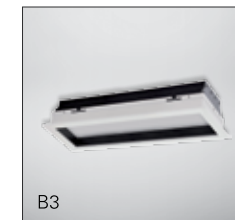
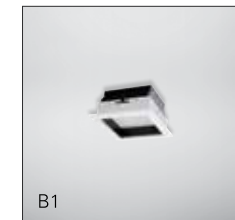
Size & Weight

Dimension Height:
63mm / B1 122x122 / B2 122x227 / B3 122x332 / B6 122x592
 Max. Cut-out:
B1 110x110 / B2 110x215 / B3 110x320 / B6 110x583
 Weight:
B1 440g / B2 770g / B3 1070g / B6 1890g

Specifications

MODEL	KSL				
TRIM	B1-Square	B2-Rectangle	B3-Rectangle	B6-Rectangle	B6-Rectangle
OPTICS	80-80° Diffused				
C.C.T	3K - Warm White		4K - Neutral White		5.5K - Daylight
WATTAGE	7W-1x350mA		14W-1x350mA		21W-1x500mA
	30W-1x700mA (+ Y LEAD)			42W-1x1050mA (+ Y LEAD)	
COLOUR	WH-White/Black Baffle		SL-Silver/Black Baffle		BL-Black/Black Baffle

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

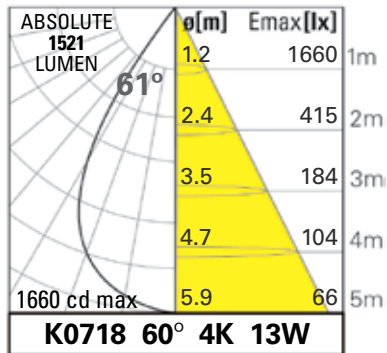


PHOTOMETRIC DATA

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

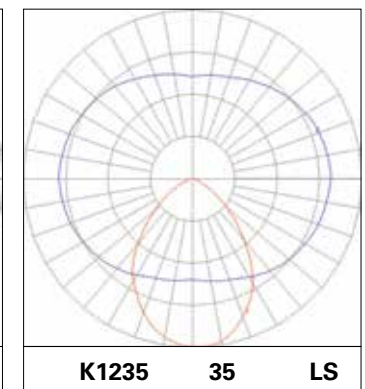
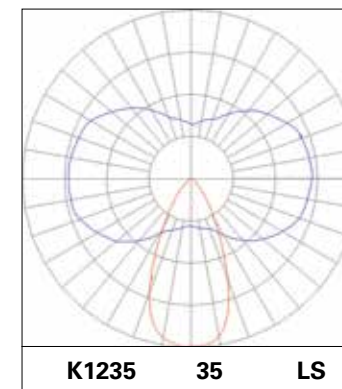
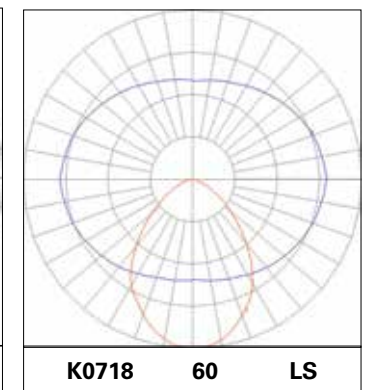
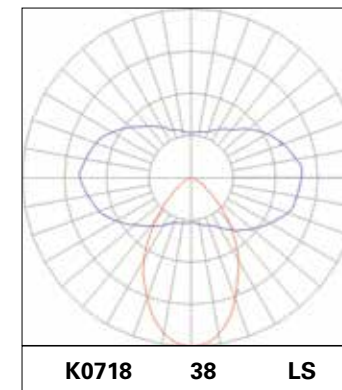
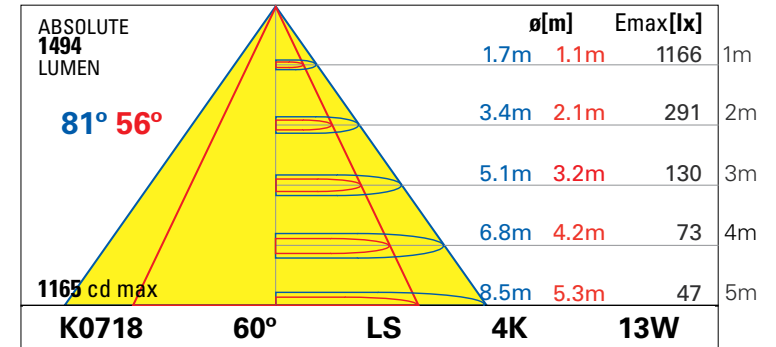
Emax[lx] = Lux level at centre of beam diameter

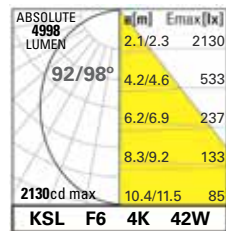
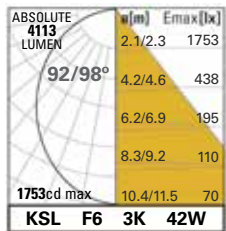
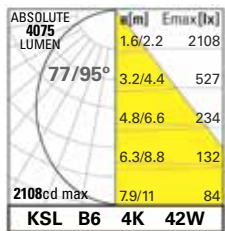
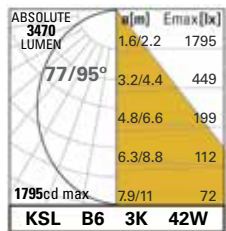
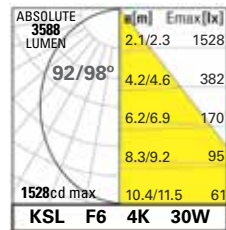
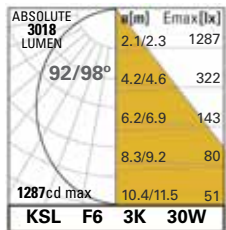
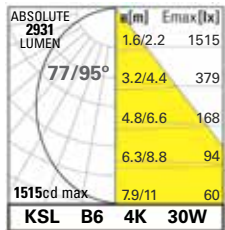
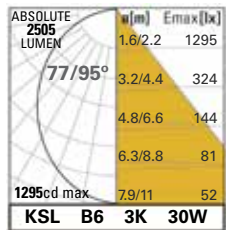
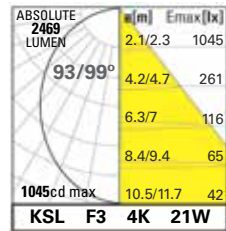
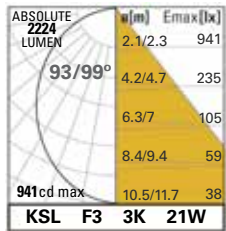
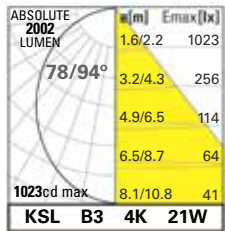
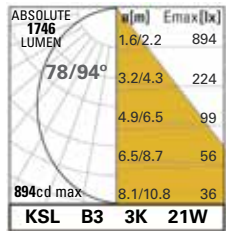
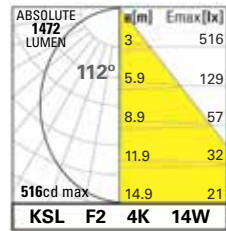
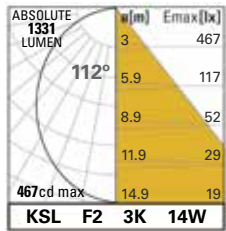
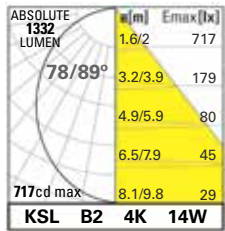
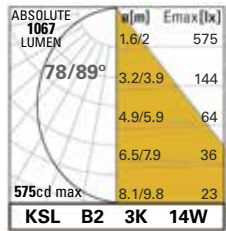
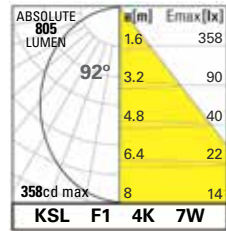
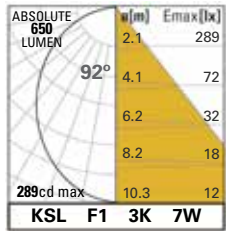
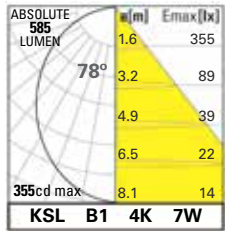
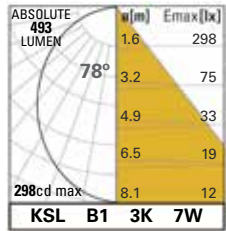
m = Height of light above surface to be lit

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)

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




*Speak to your local agent for other driver solutions available