

AR110 KOPA ADJUSTABLE ROUND DIFFUSED BAFFLE

MULTI WATT LED (7-18W)

General

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

Driver Details

Non-dimmable:
 7W = K9V-180 / 10W = K12W-260 /
 13W = K12W-350 / 18W = K20W-500
 Trailing edge dimmable (LED dimmer):
 4W = K4W-100D / 7W = K9V-180D / 10W = K12W-260D
 13W = K12W-350D / 18W = K18W-500D

Material & Construction

Solid aluminium with unique copper core heatsink technology
 10 year paint protection



Machined from
Solid 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)
 IK10 polycarbonate UV stabilized lens (DP)
 Seismic restraint mounting point

Size & Weight

Dimension: 110mm round, 80mm high
 Max. Cut-out: 100mm round
 Weight: 370g

Specifications

MODEL	K0718			
TRIM	AR110-Adjustable Round			
OPTICS	80-80° Diffused			
LENS	DA-Diffused Acrylic			
C.C.T	3K - Warm White	4K - Neutral White	5.5K - Daylight	
WATTAGE	7W -180mA	10W -260mA	13W -350mA	18W -500mA
COLOUR	WH -White	SL -Silver	BL -Black	

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

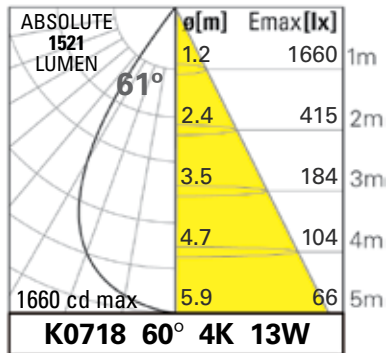


PHOTOMETRIC DATA

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)

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