

Kolo Surface

High efficiency surface or recessed bulkhead

Whitecroft
lighting

120+
LL/CW



IK09

IP44

LED



Recessing Ring



With Trim Ring

Overview

Kolo brings style and efficiency to any application. With a host of optional attachments to add visual interest, Kolo is the optimum lighting solution.

Optics



- Nominal light output options:
 - 300mm \varnothing
 - 800 lumen, 6W
 - 1100 lumen, 9W
 - 400mm \varnothing
 - 1700 lumen, 14W
 - 2300 lumen, 19W
 - 2700 lumen, 21W
 - 3500 lumen, 28W
- Emergency Output (BLF):
 - 300mm - 360 Lumens
 - 400mm - 500 Lumens
- White or blue LED feature halo ring options. (trim ring supplied)
- Polycarbonate opal diffuser
- Available with 3000K and 4000K LED

Body





- Surface mounted as standard
- Recessing kit to be ordered separately
- 300mm or 400mm diameter in cast aluminium with injection moulded base
- Finished in silver or white
- RAL Colour: Silver no RAL. White RAL9003.
- IP44
- Choice of integrated emergency options:
 - 3 hour emergency
 - EasyTest
 - COMEPS
- Optional Command 5 microwave detector mounted behind the diffuser available that can be set to one of two configurations;
 - Microwave presence detection with ON/OFF operation
 - Microwave presence detection with High/Low/Off set-back functionality. Can be set to switch from 100% down to setback position of 50%, 30%, 20%, 10% or OFF
- Optional trim ring available for an alternative aesthetic finish (supplied separately)
- Product also available in suspended and IP65, see Kolo suspended and Kolo IP65

Order codes

IP44 300mm Silver (4000K)

				B50			
IP44 300mm Silver	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90	
806 lumen (6.3W)	K4H364KS	K4H364KSEM	 128	>100k	>100k	>100k	
1136 lumen (8.8W)	K4H3124KS	K4H3124KSEM	 129	>100k	>100k	>100k	

IP44 400mm Silver (4000K)

				B50			
IP44 400mm Silver	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90	
1755 lumens (13.7W)	K4H4154KS	K4H4154KSEM	 128	>100k	>100k	100K	
2359 lumens (18.5W)	K4H4204KS	K4H4204KSEM	 128	>100k	>100k	95k	
2790 lumens (21.3W)	K4H4274KS	K4H4274KSEM	 131	>100k	>100k	87k	
3549 lumens (27.7W)	K4H4354KS	K4H4354KSEM	 128	>100k	>100k	75k	

Accessories

Recessing Kit 300mm Silver	KLREC300S
Recessing Kit 400mm Silver	KLREC400S
Trim Ring 300mm Silver	KLTR300S
Trim Ring 400mm Silver	KLTR400S

Options

COMEPS	Add suffix /EP	i.e K4H4154KS/EP
COMMAND 5 WITH SET BACK**	Replace H with Q5	i.e K4Q54154KS
DALI DIMMING	Replace H with Y	i.e K4Y4154KS
LED HALO RING BLUE*	Add HB after K4	i.e K4HBH4154KS
LED HALO RING WHITE*	Add HA after K4	i.e K4HAH4154KS
WHITE FINISH	Replace S with W	i.e K4H4154KW

* Only available with 400mm product. Trim rings supplied as standard with halo variants

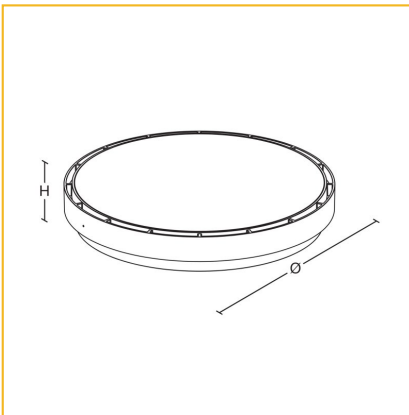
** Command 5 not available in 300mm emergency or DALI or recessed products

For 3000K colour temperature, please contact Whitecroft

LED Performance

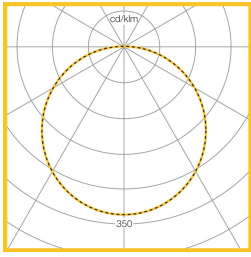
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions

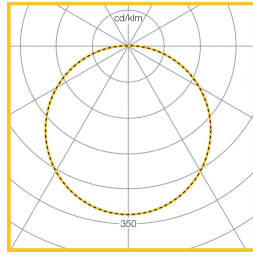


VERSION	H	KG	KG(EM)	Ø	CAØ
300mm recessed	95	2	2.5	320	310
400mm recessed	95	3.4	3.8	420	410
300mm surface	95	2	2.5	300	
400mm surface	95	3.4	3.8	400	

Photometric Performance

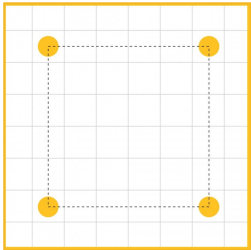


300mm \varnothing 6.3W
806 Lumens
LOR = 100.0%
SHR MAX = 1.64

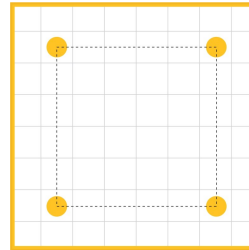


400mm \varnothing 13.7W
1755 Lumens
LOR = 100.0%
SHR MAX = 1.64

Performance Guide



Lamps	19W LED
Illuminance	200 lux
Spacing	3.0m x 3.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.8m



Lamps	28W LED
Illuminance	246 lux
Spacing	3.0m x 3.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.8m

To Specify

Surface mounted or recessed circular IP44 LED bulkhead luminaire in 300 or 400mm diameter. Polycarbonate opal diffuser.
Optional integrated microwave presence detector with ON/OFF - as Whitecroft Lighting KOLO SURFACE