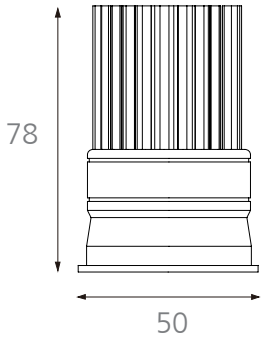
SUSTAINABLE LIGHTING SOLUTIONS



NeosK612

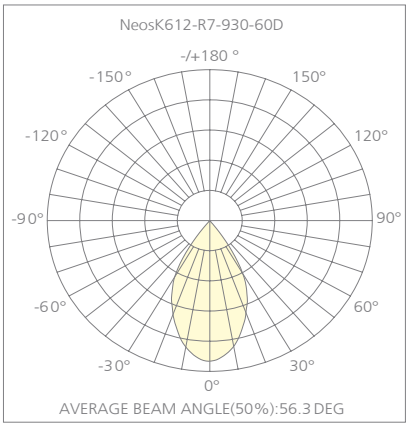
Neosk612 - 60° 12W

CCT	Neutral White	4000K
	Warm White	3000K
Luminous Efficacy	Neutral White	750Lumens ± 10%
	Warm White	700Lumens ± 10%
CRI	Ra ≥ 90	
Beam Angle	60°	

IP20

Available in 4000k Neutral and 3000k Warm colour temperatures in 90 CRI. The NeosK612 is also the perfect solution for retro fitting existing Halogen luminaires.
Simply take out the old halogen bulb and driver and replace it with the NeosK612 and driver fitted to the existing trim. The shape of the Neos is designed to replicate MR16 globes so retro fit is a breeze.

Photometric - NeosK612 - Warm White3000K CRI90



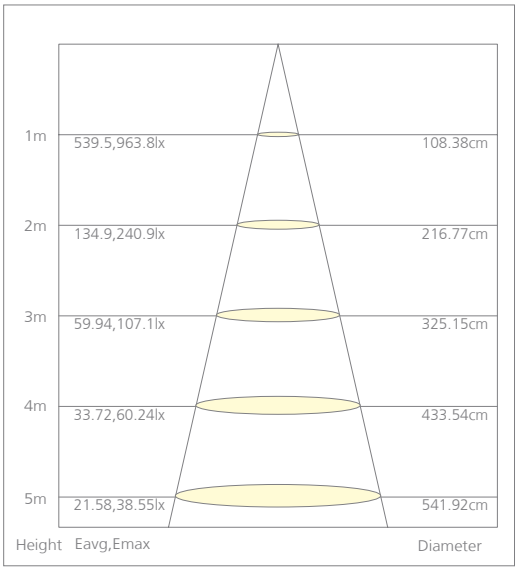
Ligh t output ratio	
LOR	100 %
ULOR	0 %
DLOR	100 %
FFR	0.00 (0:100)
BLF	1.00

LUMINANC E cd/(m)²		
G(DEG)	C0/180	C90/270
85	207 0	1341
80	2236	179 7
75	2545	2140
70	2887	2571
65	354 1	320 2
60	4408	4041
55	5771	537 5
50	726 6	6998

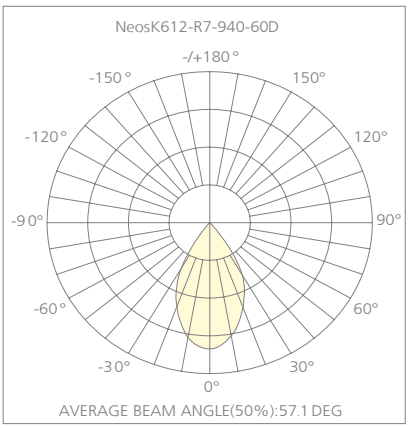
Utilization Factors

Room Reflectance			Room Index							
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70	50	20	91	95	99	102	104	106	108	110	112

SHR Nom = 0.75 SHR Max = 0.90
According to DIN EN 13032-2 2004



Photometric - NeosK612 - Neutral White4000K CRI90



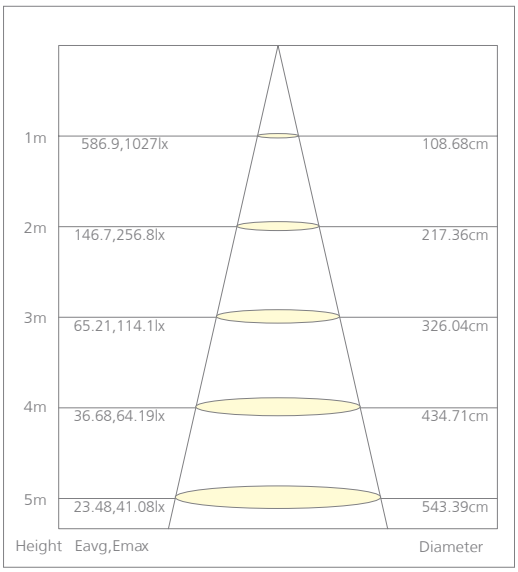
Ligh t outpu t ratio	
LOR	100 %
ULOR	0 %
DLOR	100 %
FFR	0.00 (0:100)
BLF	1.00

LUMINANCE cd/(m)²		
G(DEG)	C0/180	C90/270
85	1062	1028
80	1767	1676
75	2325	2312
70	2856	2822
65	3589	3534
60	4612	4401
55	6097	5690
50	7951	7491

Utilization Factors

Room Reflectance			Room Index							
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70	50	20	91	95	99	102	104	106	1081	10	112

SHR Nom = 0.75 SHR Max = 0.90
Accordingto DIN EN 13032-2 2004



Stardard Order Table - Neosk612

Model	*CCT*	*Trim Kit*	*Colour*	*Beam[1]*	*Driver*
NeosK612	Neutral / Warm	A6	White/Grey/Black	60°	Triac Dimmable
NeosK612	Neutral / Warm	S6	White/Grey/Black	60°	Triac Dimmable
NeosK612	Neutral / Warm	A5	White/Grey/Black	60°	Triac Dimmable
NeosK612	Neutral / Warm	R1	White/Grey/Black	60°	Triac Dimmable
NeosK612	Neutral / Warm	A1	White/Grey/Black	60°	Triac Dimmable
NeosK612	Neutral / Warm	F4	White/Grey/Black	60°	Triac Dimmable
NeosK612	Neutral / Warm	C135	White/Grey/Black	60°	Triac Dimmable

Driver Options

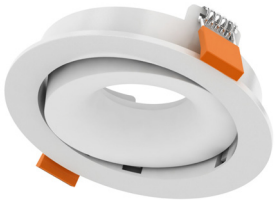
Model	*Manufacturer*	*Warranty*	*Dimming*	*C-BUS*
ACTEC 12W 260mA DIM	ACTEC	3 yrs	Triac	Yes

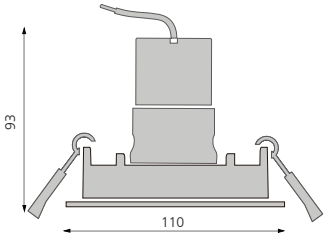
[1]All luminaires are provided with Triac Dimmable drivers as standard. DALI Dimmable options must be documented at the time of purchase.

Model	*Manufacturer*	*Type*	*Luminaire Qty*	*Dimming %*	*Notes*
32E450TM	Clipsal	Trailing Edge	1 pcs	13%~100%	No flicker or pulsing
32E450UDM	Clipsal	Trailing Edge	1 pcs	12%~100%	No flicker or pulsing
Cat 400T	HPM-legrand	Trailing Edge	1 pcs	5%~100%	No flicker or pulsing

A6 - Rotating Gimbal Round

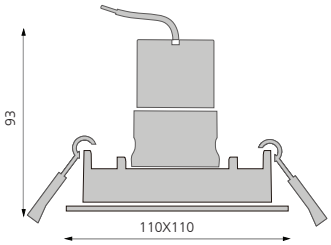
A6W | A6B | A6G | 95 | ±25° | 355°





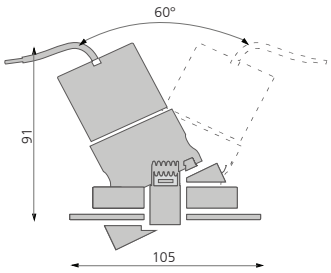
S6 - Rotating Gimbal Square

S6W | S6B | S6G | 95 | ±25° | 355°



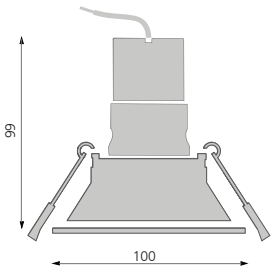
A5 - Gimbal

A5W | A5B | A5G | 90 | ±30°



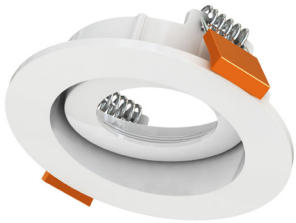
R1 - Fixed

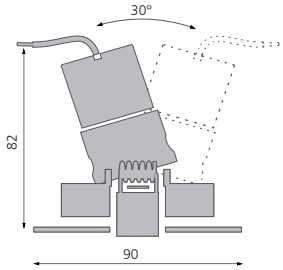
R1W | R1B | R1G | 90



Switch Dimming

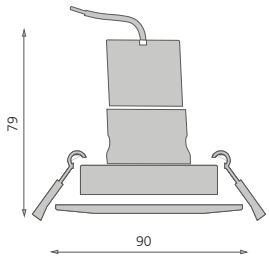
A1W | A1B | A1G | 75 | ±15°





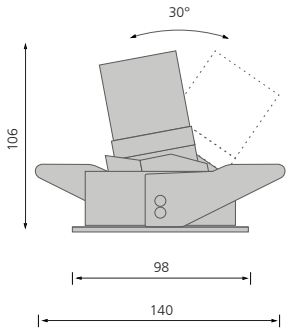
F4 - Fixed

A1W | A1B | A1G | 75



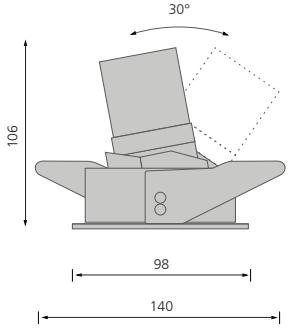
D4 - Gimbal

D4W | D4B | D4G | 90 | ±30°



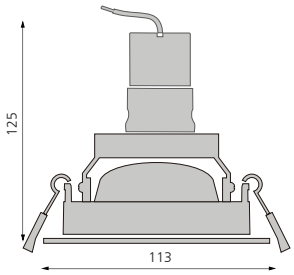
D5 - Gimbal

D5W | D5B | D5G | 90 | ±30°



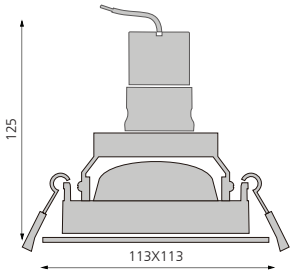
D1 - Rotating Gimbal Round

D1W D1B D1G | 95 | ±25° | 355°



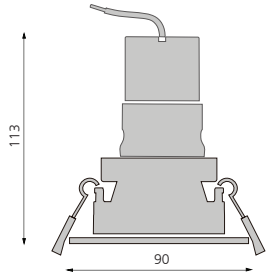
D2 - Rotating Gimbal Square

D2W D2B D2G | 95 | ±25° | 355°



D3 - Fixed Gimbal Round

D3W D3B D3G | 75 | 30°



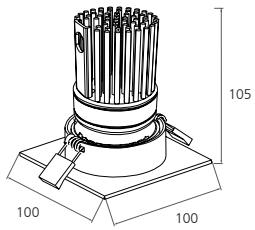
Spacer

RAR W RAR B

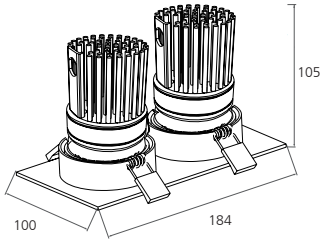
C135 Surface / Pendant

C135 W C135 B

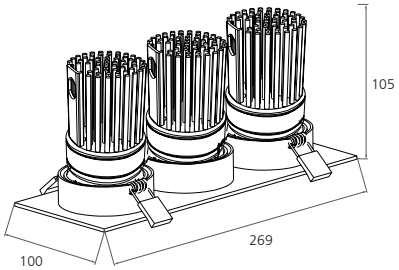
Recessed Gimbal



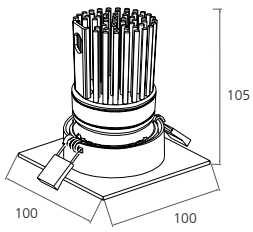
SB1



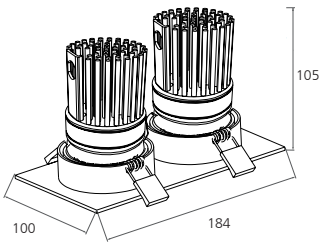
SB2



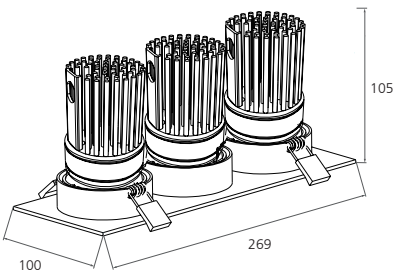
SB3



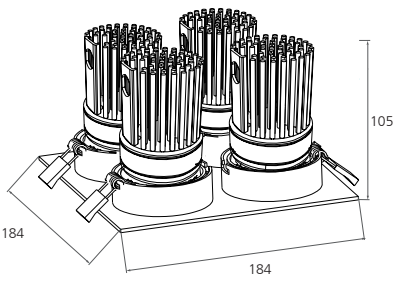
SA1



SA2



SA3



SA4