

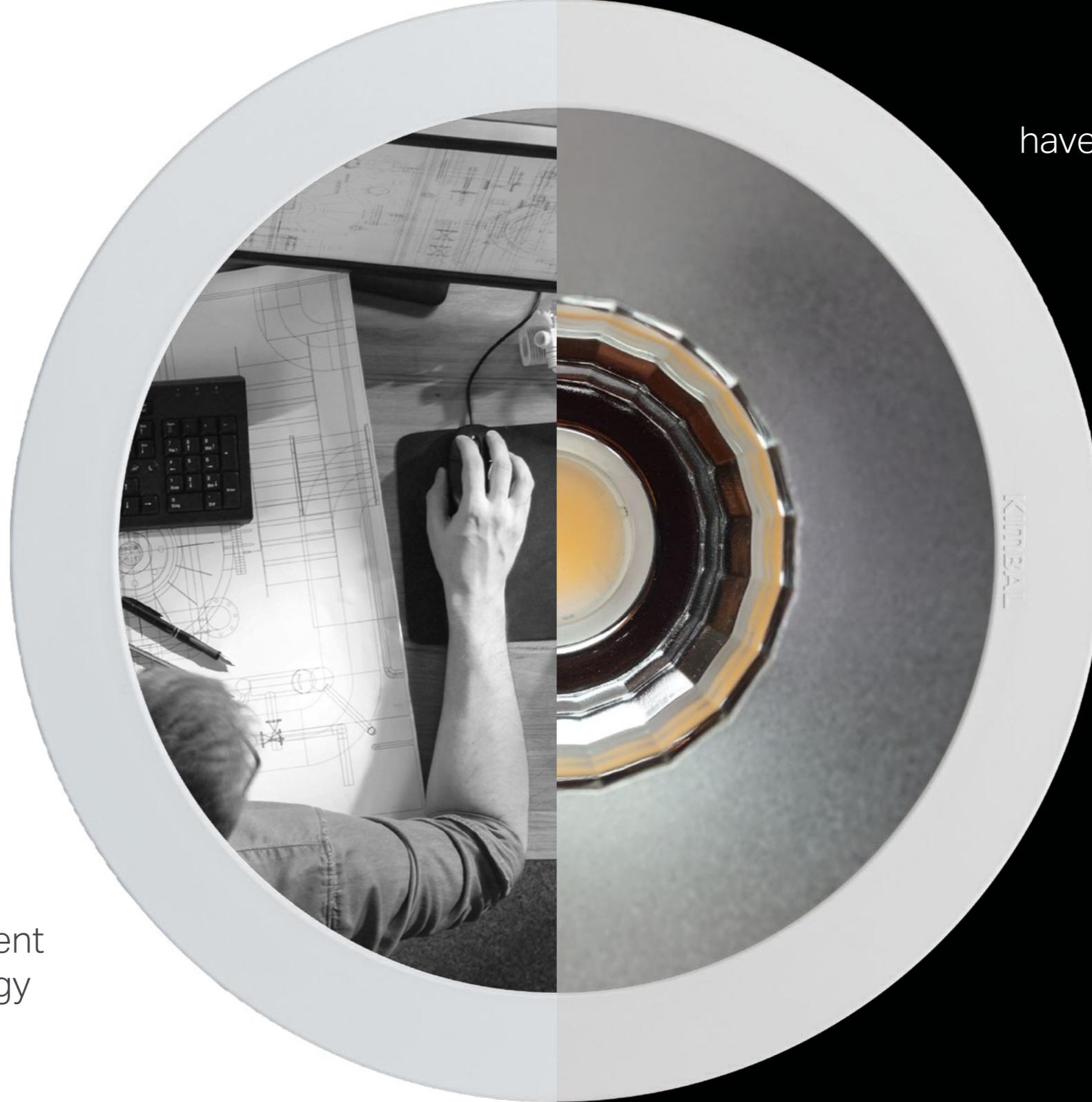


**Award Winning  
Configurable Downlight System**

Designed and Constructed in New Zealand

**15 YEARS**

of research and development  
in LED downlight technology



have led us to **KIMBAL**

Kimbal downlights recognise its responsibility to communities and future generations. This has led to the introduction of a product range that has sustainability at its core.

Every element of a Kimbal engineered body is either recyclable or reusable and the range has been designed to enable replacement of electronic control gear or LED to uptake future technology and at end of life.

*We are committed to providing high quality, long lasting, energy saving products and services to our customers. We are relentlessly working to identify and reduce negative impact on the earth.*

**Frank Austin,**  
Principle Designer - Kimbal Lighting Design Team

A comprehensive range of chassis options, lumen packages and accessories make it easy to design lighting environments that are elegant, functional and energy efficient.

The Kimbal range represents a commitment to the highest standards through design, development, componentry and production.



The collection features multiple lighting solutions including fixed and adjustable recessed downlights, surface mounted and suspended downlights, surface mounted and track mounted spotlights in two distinct sizes.

# KIMBAL 4

Series 90mm Cutout / 105mm Overall

Quick & simple tool-free mounting system.

CREE LED COB up to CRI 98, R9 95, 2 SDCM and LED life @ L90/B10 ≥ 50,000 Hrs with 5 year LED warranty.

LED COB Holder

High purity aluminium reflector. Narrow, Medium and Flood beam options.

Multiple lens accessory options for different performances.

Reflector & lens retainer can be easily changed after installation.



Exclusive Kimbal heatsink engineered for ultimate LED lifespan.

Recyclable thermoplastic and aluminium componentry with 20 year chassis warranty for future proof lighting requirements.

Beam Direction locking screw (for adjustable recessed downlight)

Discrete profile 1.5mm thick ceiling plate, suitable for mounting in ceilings up to 30mm thick.

Premium quality remote multi wattage quick connect driver with different dimming, wireless control and IoT options that are backed up by Kimbal's 5 year driver warranty.

## Kimbal 4 Series



# KIMBAL 6

Series 150mm Cutout / 165mm Overall

Quick & simple tool-free mounting system.

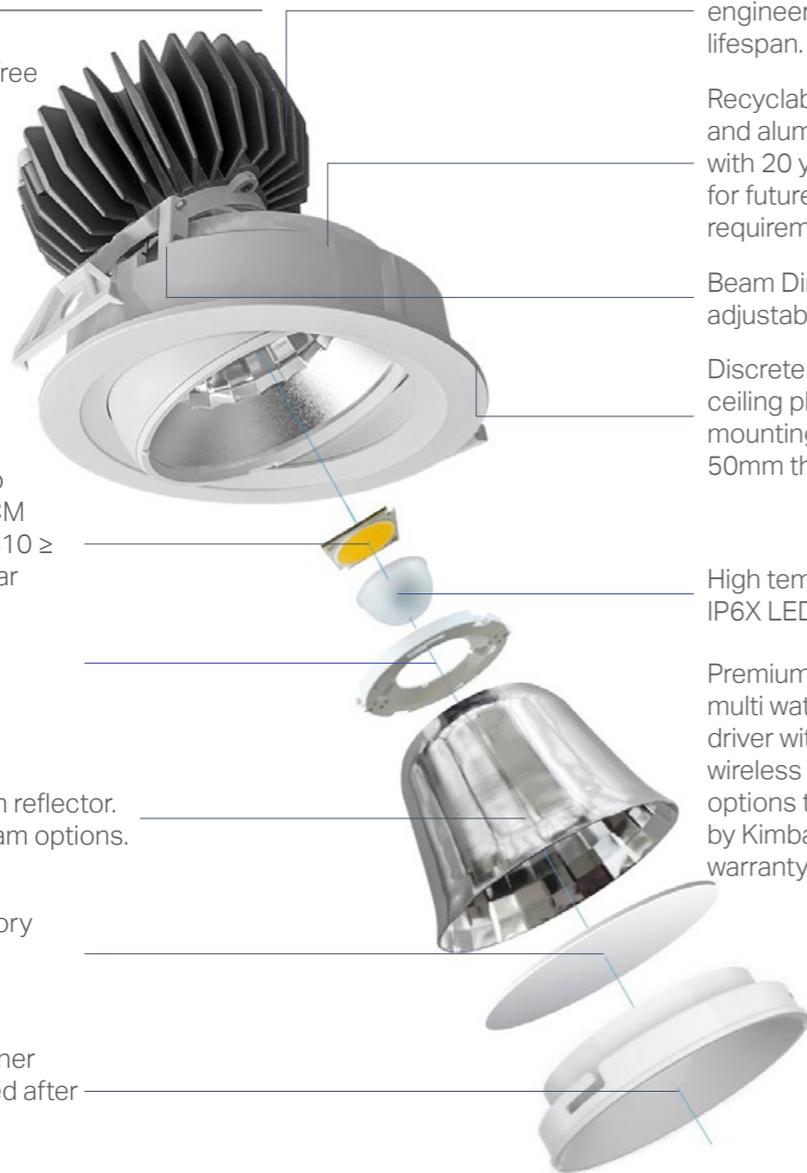
CREE LED COB up to CRI 97, R9 98, 2 SDCM and LED life @ L90/B10 ≥ 75,000 Hrs with 5 year LED warranty.

LED COB Holder

High purity aluminium reflector. Narrow and Wide beam options.

Multiple lens accessory options for different performances.

Reflector & lens retainer can be easily changed after installation.



Exclusive Kimbal heatsink engineered for ultimate LED lifespan.

Recyclable thermoplastic and aluminium componentry with 20 year chassis warranty for future proof lighting requirements.

Beam Direction locking screw (for adjustable recessed downlight)

Discrete profile 2.0mm thick ceiling plate, suitable for mounting in ceilings up to 50mm thick.

High temperature silicone IP6X LED protection dome.

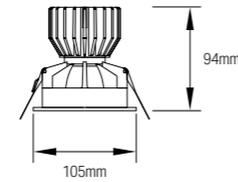
Premium quality remote multi wattage quick connect driver with different dimming, wireless control and IoT options that are backed up by Kimbal's 5 year driver warranty.

## Kimbal 6 Series



# KF4 SERIES

## FIXED RECESSED DOWNLIGHT



Flush Reflector



Recessed Reflector

### Technical Data

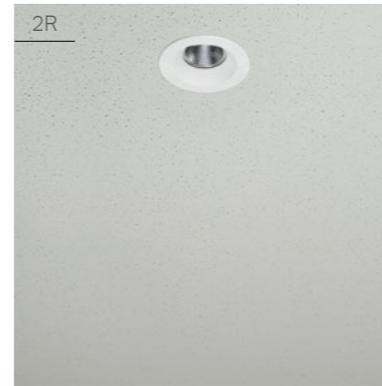
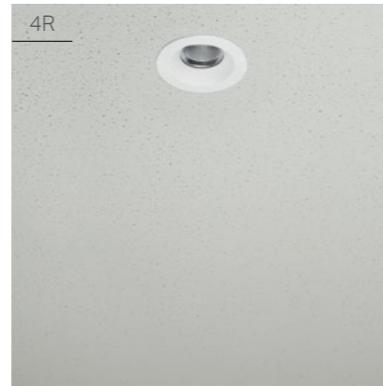
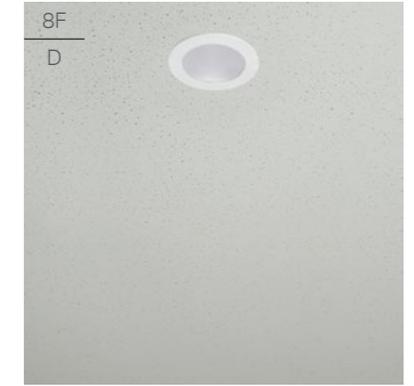
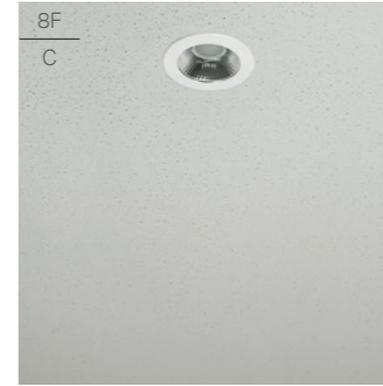
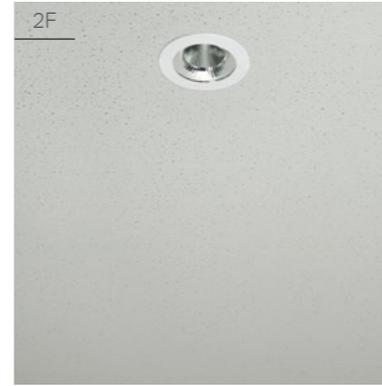
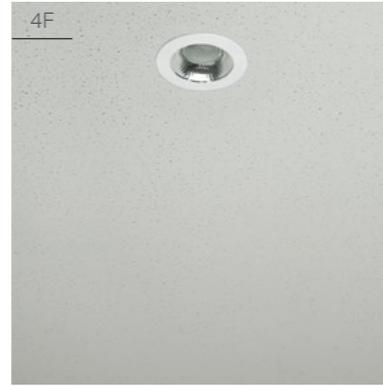
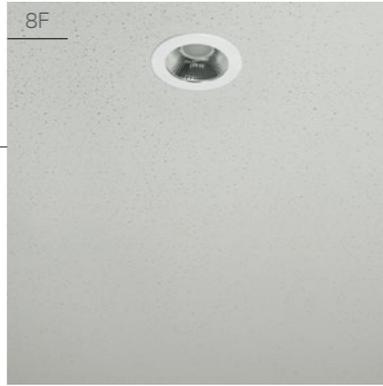
- Cut Out 90mm
- Overall 105mm
- Height 94mm
- Suitable ceiling 10-30mm
- Weight - body 370g
- Weight - driver 250g
- LED life @ L90/B10 ≥ 50,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- IK10/IP65 anti-ligature lens option
- Adaption plate 140mm K4-RAP/140
- Ultra CRI 98, R9 95 option
- Casambi wireless control option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR	
KF4 Fixed Recessed Downlight	P	1	8F Flood Beam 60° Flush Reflector	27 2700K	BLANK Non Dim	BLANK No Lens 60°/30°/15° Beam IP20	W White	
	X	2	8R Flood Beam 60° Recessed Reflector	3 3000K	D1 DALI (150mA-500mA)	C Clear Lens 60°/30°/15° Beam IP64*	B Black	
	U	CRI 98 R9 95 2 SDCM	3	4F Medium Beam 30° Flush Reflector	4 4000K	D2 DSI (150mA-500mA)	D Diffusion Lens 60° Beam IP64*	S Special
			5	4R Medium Beam 30° Recessed Reflector	5 5000K	D3 1-10V (350mA-500mA)	P Prismatic Lens 60° Beam UGR19^ IP64*	
			2F Narrow Beam 15° Flush Reflector		D4 Phase Cutting (350mA-500mA)	W Washlight Lens (Flush Reflector only) IP64*		
			2R Narrow Beam 15° Recessed Reflector		D5 O4A: Switch (150mA-500mA)	K Anti-ligature Lens 60°/30°/15° Beam IK10/IP65		
					D6 Push (350mA-500mA)	R Red Lens 60°/30°/15° Beam IP64*		
					D7 O4A: DALI (150mA-500mA)	G Green Lens 60°/30°/15° Beam IP64*		
					D9 Casambi (350mA-500mA)	B Blue Lens 60°/30°/15° Beam IP64*		

\*Downlight without lens is IP20 from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP20 from above ceiling, Downlight with lens installed in factory is IP64 from below and IP20 from above ceiling. ^UGR19 capable with Prismatic Lens.

# KF4 SERIES

Accessories



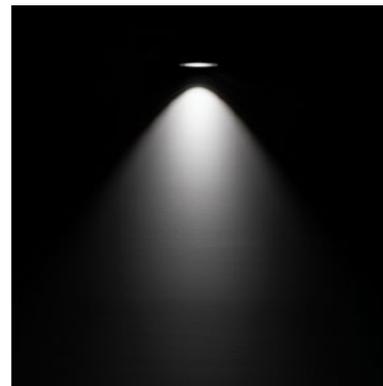
Flood Beam Reflector  
60° Beam

Medium Beam Reflector  
30° Beam

Narrow Beam Reflector  
15° Beam

Flood Beam Reflector + Clear Lens  
60° Beam, IP64\*

Flood Beam Reflector + Diffusion Lens  
60° Beam, IP64\*



\*Downlight without lens is IP20 from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP20 from above ceiling. Downlight with lens installed in factory is IP64 from below and IP20 from above ceiling. ^UGR19 capable with Prismatic Lens.



Flood Beam Reflector + Washlight Lens  
IP64\*

IK10/IP65 Anti-Ligature Lens

Adaption Plate



Black Finish

Flood Beam Reflector + Prismatic Lens  
60° Beam, UGR19^, IP64\*



\*Downlight without lens is IP20 from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP20 from above ceiling. Downlight with lens installed in factory is IP64 from below and IP20 from above ceiling. ^UGR19 capable with Prismatic Lens.

# IK10/IP65

## ANTI-LIGATURE LENS

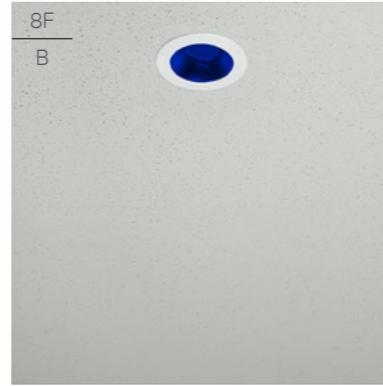
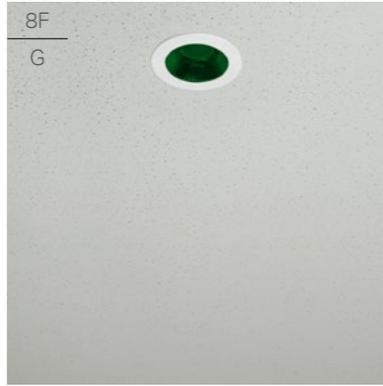
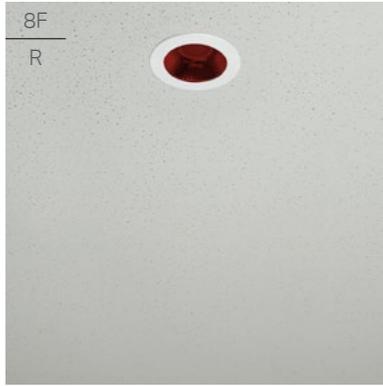
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The Kimbal Anti Ligature Accessory offers IP65 / IK10 protection.

Featuring a robust cast aluminium ceiling plate, polycarbonate lens and tamper proof fasteners. It is an ideal choice for areas requiring a high degree of security such as:

*Mental Health Institutions*  
*Hospitals*  
*Correction Facilities*  
*Public Spaces*





Flood Beam Reflector + Red Lens  
60° Beam, IP64\*

Flood Beam Reflector + Green Lens  
60° Beam, IP64\*

Flood Beam Reflector + Blue Lens  
60° Beam, IP64\*

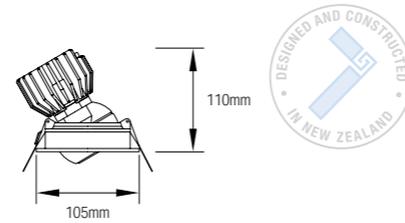


\*Downlight without lens is IP20 from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP20 from above ceiling. Downlight with lens installed in factory is IP64 from below and IP20 from above ceiling. ^UGR19 capable with Prismatic Lens.



# KA4 SERIES

## ADJUSTABLE RECESSED DOWNLIGHT



Flush Reflector

### Technical Data

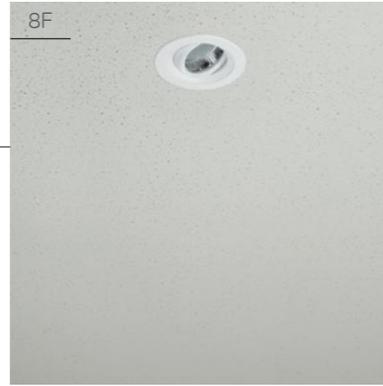
- Cut Out 90mm
- Overall 105mm
- Height 110mm
- Suitable ceiling 10-30mm
- Weight - body 370g
- Weight - driver 250g
- LED life @ L90/B10 ≥ 50,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- 30° tilt, 355° rotation
- Adaption plate 140mm K4-RAP/140
- Ultra CRI 98, R9 95 option
- Casambi wireless control option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KA4 Adjustable Recessed Downlight	P	1	8F	27	BLANK	BLANK	W
	CRI 80	6W 150mA	Flood Beam 60°	2700K	Non Dim	No Lens	White
	R9 12	760lm 123lm/W	Flush Reflector			60°/30°/15° Beam	
	3 SDCM	(IC-4/IC-F)				IP20	
	X	2	4F	3	D1	C	B
CRI 90	10W 250mA	Medium Beam 30°	3000K	DALI	Clear Lens	Black	
R9 56	1165lm 111lm/W	Flush Reflector		(150mA-500mA)	60°/30°/15° Beam		
3 SDCM	(IC-4/IC-F)				IP65*		
U	3	2F	4	D2	D	S	
CRI 98	14W 350mA	Narrow Beam 15°	4000K	DSI	Diffusion Lens	Special	
R9 95	1564lm 110lm/W	Flush Reflector		(150mA-500mA)	60° Beam		
2 SDCM	(CA90)				IP65*		
	5			5	D3	P	
	20W 500mA			5000K	1-10V	Prismatic Lens	
	2108lm 105lm/W				(350mA-500mA)	60° Beam	
	(CA90)					UGR19^	
						IP65*	
					D4	R	
					Phase Cutting	Red Lens	
					(350mA-500mA)	60°/30°/15° Beam	
						IP65*	
					D5	G	
					O4A: Switch	Green Lens	
					(150mA-500mA)	60°/30°/15° Beam	
						IP65*	
					D6	B	
					Push	Blue Lens	
					(350mA-500mA)	60°/30°/15° Beam	
						IP65*	
					D7		
					O4A: DALI		
					(150mA-500mA)		
					D9		
					Casambi		
					(350mA-500mA)		

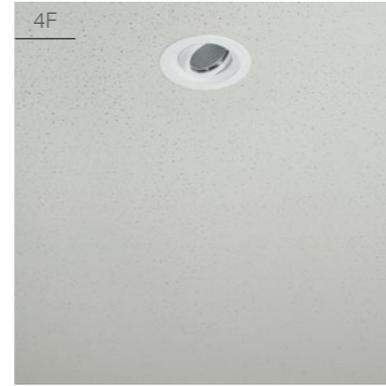
\*Downlight without lens is IP20 from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP20 from above ceiling, Downlight with lens installed in factory is IP65 from below and IP20 from above ceiling. ^UGR19 capable with Prismatic Lens.

# KA4 SERIES

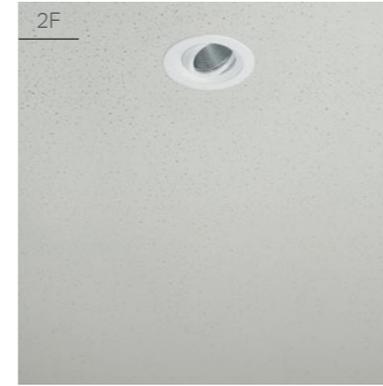
Accessories



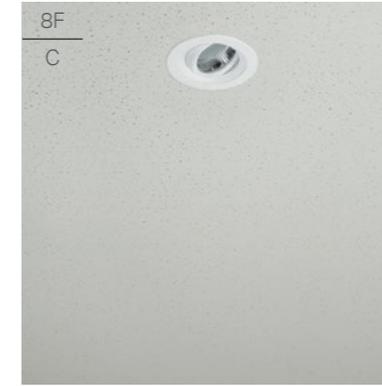
Flood Beam Reflector  
60° Beam



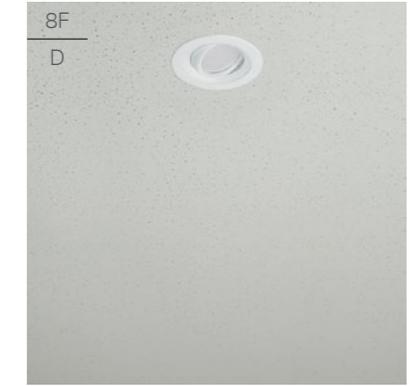
Medium Beam Reflector  
30° Beam



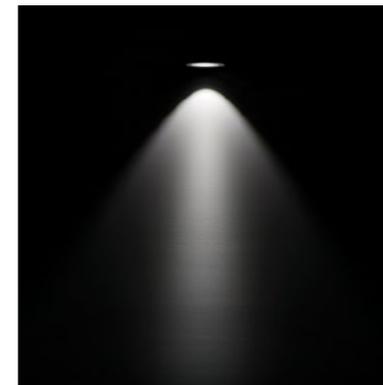
Narrow Beam Reflector  
15° Beam



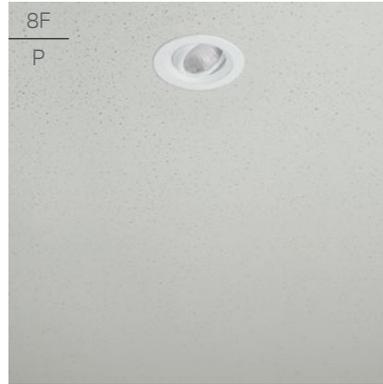
Flood Beam Reflector + Clear Lens  
60° Beam, IP65\*



Flood Beam Reflector + Diffusion Lens  
60° Beam, IP65\*



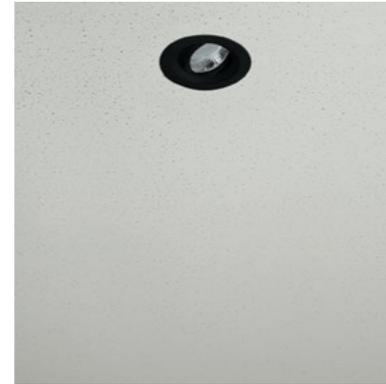
\*Downlight without lens is IP20 from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP20 from above ceiling. Downlight with lens installed in factory is IP65 from below and IP20 from above ceiling. ^UGR19 capable with Prismatic Lens.



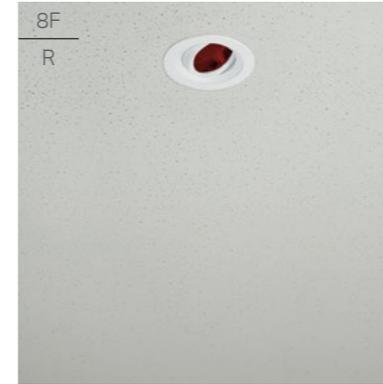
Flood Beam Reflector + Prismatic Lens  
60° Beam, UGR19^, IP65\*



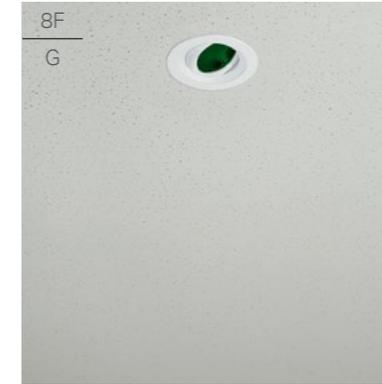
Adaption Plate



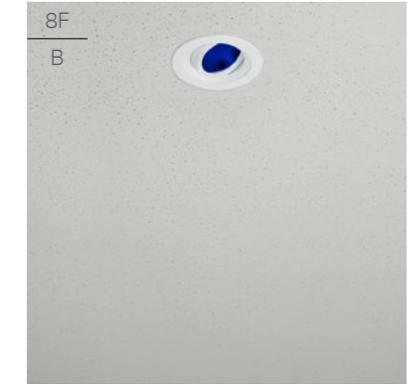
Black Finish



Flood Beam Reflector + Red Lens  
60° Beam, IP65\*



Flood Beam Reflector + Green Lens  
60° Beam, IP65\*



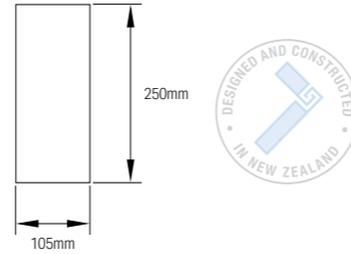
Flood Beam Reflector + Blue Lens  
60° Beam, IP65\*



\*Downlight without lens is IP20 from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP20 from above ceiling. Downlight with lens installed in factory is IP65 from below and IP20 from above ceiling. ^UGR19 capable with Prismatic Lens.

# KS4 SERIES

## SURFACE MOUNTED DOWNLIGHT



Flush Reflector



Recessed Reflector

### Technical Data

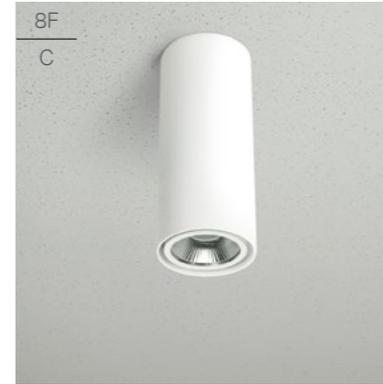
- Overall 105mm
- Height 250mm
- Weight 1220g
- LED life @ L90/B10 ≥ 50,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- Washlight option
- Ultra CRI 98, R9 95 option
- Casambi wireless control option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KS4 Surface Mounted Downlight	P CRI 80 R9 12 3 SDCM	1 6W 150mA 787lm 127lm/W	8F Flood Beam 60° Flush Reflector	27 2700K	BLANK Non Dim	BLANK No Lens 60°/30°/15° Beam IP20	W White
	X CRI 90 R9 56 3 SDCM	2 10W 250mA 1274lm 121lm/W	8R Flood Beam 60° Recessed Reflector	3 3000K	D1 DALI (150mA-500mA)	C Clear Lens 60°/30°/15° Beam IP20	B Black
	U CRI 98 R9 95 2 SDCM	3 14W 350mA 1675lm 118lm/W	4F Medium Beam 30° Flush Reflector	4 4000K	D3 1-10V (350mA-500mA)	D Diffusion Lens 60° Beam IP20	S Special
		5 20W 500mA 2332lm 117lm/W	4R Medium Beam 30° Recessed Reflector	5 5000K	D4 Phase Cutting (350mA-500mA)	P Prismatic Lens 60° Beam UGR19^ IP20	
				2F Narrow Beam 15° Flush Reflector		D6 Push (350mA-500mA)	W Washlight Lens (Flush Reflector only) IP20
			2R Narrow Beam 15° Recessed Reflector		D9 Casambi (350mA-500mA)	R Red Lens 60°/30°/15° Beam IP20	
						G Green Lens 60°/30°/15° Beam IP20	
						B Blue Lens 60°/30°/15° Beam IP20	

^UGR19 capable with Prismatic Lens.

# KS4 SERIES

Accessories



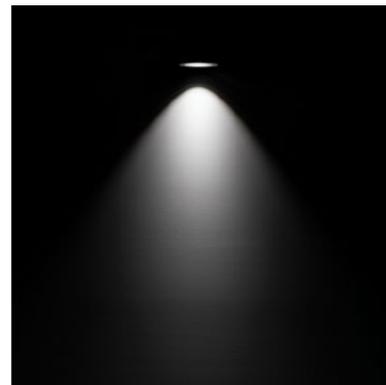
Flood Beam Reflector  
60° Beam

Medium Beam Reflector  
30° Beam

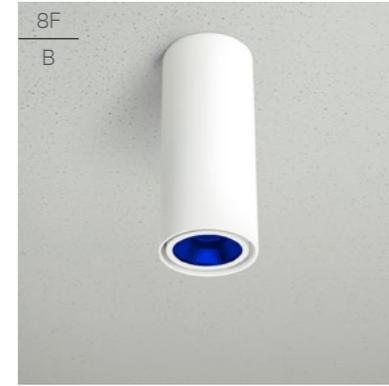
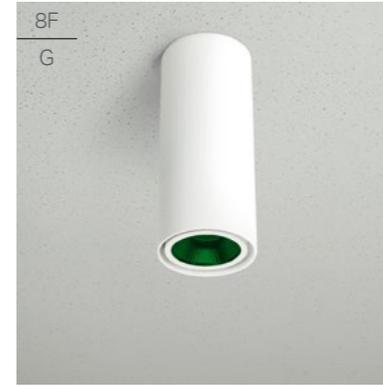
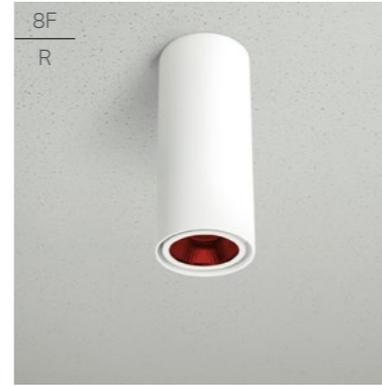
Narrow Beam Reflector  
15° Beam

Flood Beam Reflector + Clear Lens  
60° Beam

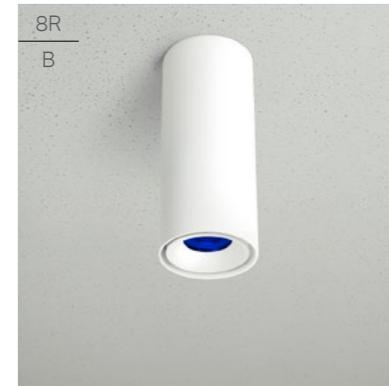
Flood Beam Reflector + Diffusion Lens  
60° Beam



^UGR19 capable with Prismatic Lens.



Flood Beam Reflector + Washlight Lens



Flood Beam Reflector + Prismatic Lens  
60° Beam, UGR19^

Black Finish

Flood Beam Reflector + Red Lens  
60° Beam

Flood Beam Reflector + Green Lens  
60° Beam

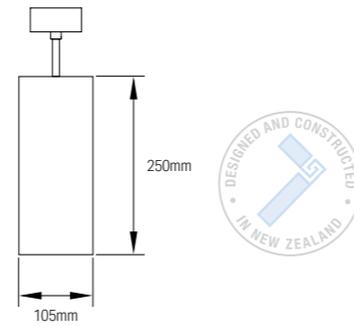
Flood Beam Reflector + Blue Lens  
60° Beam



^UGR19 capable with Prismatic Lens.

# KR4 / KC4 SERIES

## ROD / CABLE SUSPENDED DOWNLIGHT



Flush Reflector



Recessed Reflector

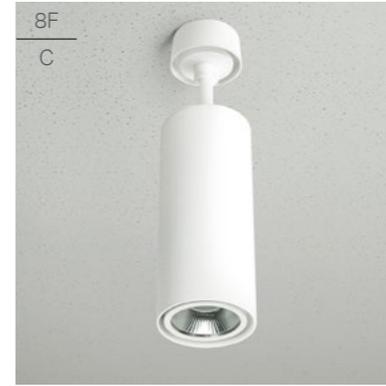
### Technical Data

- Overall 105mm
- Height 250mm
- Weight 1220g
- Rod length 1000-3000mm
- Cable length 2000mm, can be shortened
- LED life @ L90/B10 ≥ 50,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- Washlight option
- Ultra CRI 98, R9 95 option
- Casambi wireless control option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KR4 Rod Suspended Downlight	P CRI 80 R9 12 3 SDCM	1 6W 150mA 787lm 127lm/W	8F Flood Beam 60° Flush Reflector	27 2700K	BLANK Non Dim	BLANK No Lens 60°/30°/15° Beam IP20	W White
KC4 Cable Suspended Downlight	X CRI 90 R9 56 3 SDCM	2 10W 250mA 1274lm 121lm/W	8R Flood Beam 60° Recessed Reflector	3 3000K	D1 DALI (150mA-500mA)	C Clear Lens 60°/30°/15° Beam IP20	B Black
	U CRI 98 R9 95 2 SDCM	3 14W 350mA 1675lm 118lm/W	4F Medium Beam 30° Flush Reflector	4 4000K	D3 1-10V (350mA-500mA)	D Diffusion Lens 60° Beam IP20	S Special
		5 20W 500mA 2332lm 117lm/W	4R Medium Beam 30° Recessed Reflector	5 5000K	D4 Phase Cutting (350mA-500mA)	P Prismatic Lens 60° Beam UGR19^ IP20	
			2F Narrow Beam 15° Flush Reflector		D6 Push (350mA-500mA)	W Washlight Lens (Flush Reflector only) IP20	
			2R Narrow Beam 15° Recessed Reflector		D9 Casambi (350mA-500mA)	R Red Lens 60°/30°/15° Beam IP20	
						G Green Lens 60°/30°/15° Beam IP20	
						B Blue Lens 60°/30°/15° Beam IP20	

^UGR19 capable with Prismatic Lens.

**KR4 / KC4**  
**SERIES**  
 Accessories



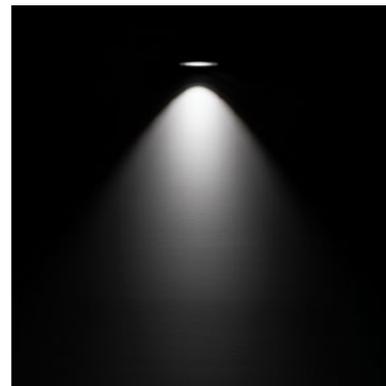
Flood Beam Reflector  
 60° Beam

Medium Beam Reflector  
 30° Beam

Narrow Beam Reflector  
 15° Beam

Flood Beam Reflector + Clear Lens  
 60° Beam

Flood Beam Reflector + Diffusion Lens  
 60° Beam



^UGR19 capable with Prismatic Lens.



Flood Beam Reflector + Washlight Lens



Flood Beam Reflector + Prismatic Lens  
60° Beam, UGR19^

Black Finish

Flood Beam Reflector + Red Lens  
60° Beam

Flood Beam Reflector + Green Lens  
60° Beam

Flood Beam Reflector + Blue Lens  
60° Beam



^UGR19 capable with Prismatic Lens.



# Award of Excellence: Innovation

## New Zealand

Project: KIMBAL, Engineered by DOT  
 Designer: Nimbus Lighting Group  
 Credits: Frank Austin – Lead Designer  
 DOT Design Team  
 Date: 12 April 2022



Commendation  
Commendation  
Commendation  
Commendation  
Commendation

Kimbal engineered by Dot  
is awarded the  
2023 IES ANZ International Award of Commendation

# ies anz International Award

Chair  
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DOT Design Team

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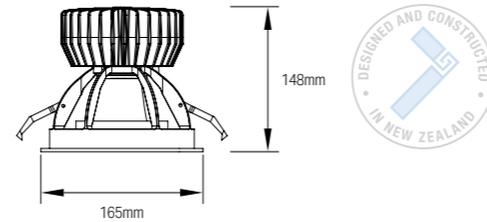
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# KF6 SERIES

## FIXED RECESSED DOWNLIGHT



Flush Reflector



Recessed Reflector

### Technical Data

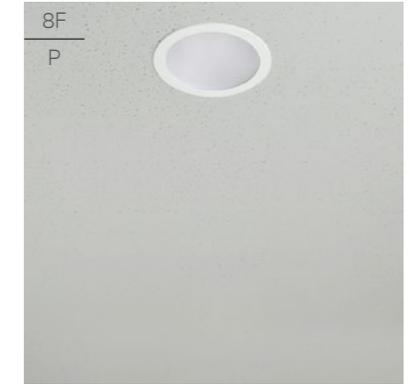
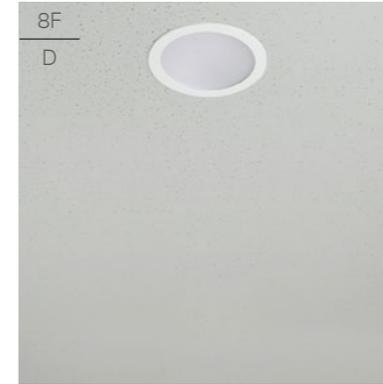
- Cut Out 150mm
- Overall 165mm
- Height 148mm
- Suitable ceiling 10-50mm
- Weight - body 850g
- Weight - driver 250g
- LED life @ L90/B10 ≥75,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- IK10/IP65 anti-ligature lens option
- Washlight Lens option
- Darklight Reflector option
- Emergency option K6-RAP/150
- Adaption plate 150-250mm K6-RAP/250
- Ultra CRI 97, R9 98 option
- Tunable white 2700-6500K option
- Casambi wireless control option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KF6 Fixed Recessed Downlight	P CRI 80 R9 15 3 SDCM	2 10W 250mA 1300lm 130lm/W (IC-4)	8F Wide Beam 70° Flush Reflector	3 3000K	BLANK Non Dim  D1 DALI (250-1400mA)	BLANK No Lens 70° / 30° Beam UGR22, IP65*	W White
	X CRI 90 R9 55 2 SDCM (Cyanosis compliant with 4000K)	3 14W 350mA 1800lm 129lm/W (IC-4)	8R Wide Beam 70° Recessed Reflector	35 3500K (CRI90 only)	D2 DSI (350-1400mA)	C Clear Lens 70° / 30° Beam UGR22, IP65*	B Black
	U CRI 97 R9 98 2 SDCM  Cyanosis compliant with 4000K)	5 20W 500mA 2500lm 125lm/W (CA90)	4F Narrow Beam 30° Flush Reflector	4 4000K	D3 1-10V (250-1400mA)	D Diffusion Lens 100° Beam UGR22, IP65*	S Special
		7 27W 700mA 3500lm 130m/W (CA90)	4R Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lens 55° Beam UGR16 / UGR19^, IP65*	
		9 35W 900mA 4300lm 123lm/W (CA90)			D5 O4A: Switch (350-1400mA)	R Red Lens 70° / 30° Beam IP65*	
		10 40W 1050mA 5000lm 125lm/W (CA90)			D6 Push (250-1400mA)	G Green Lens 70° / 30° Beam IP65*	
		14 56W 1400mA 6500lm 116lm/W (Do Not Cover)			D7 O4A: DALI (350-1400mA)	B Blue Lens 70° / 30° Beam IP65*	
					D9 Casambi (150mA-1050mA)		

\*Downlight without lens is IP6X from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP44 from above ceiling, Downlight with lens installed in factory is IP65 from below and IP44 from above ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KF6 SERIES

Accessories



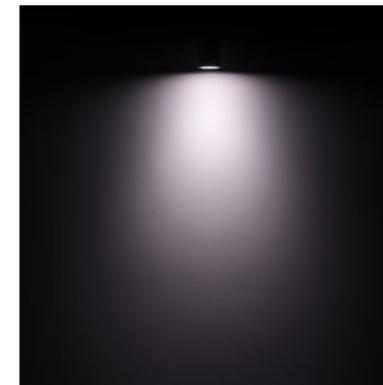
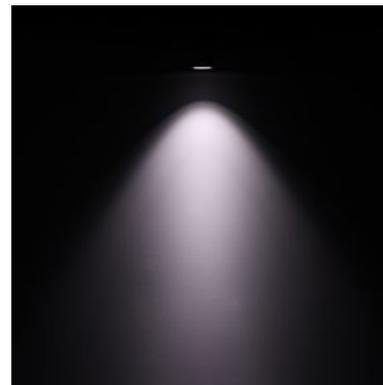
Wide Beam Reflector  
70° Beam, UGR22, IP6X\*

Narrow Beam Reflector  
30° Beam, UGR22, IP6X\*

Wide Beam Reflector + Clear Lens  
70° Beam, UGR22, IP65\*

Wide Beam Reflector + Diffusion Lens  
100° Beam, UGR22, IP65\*

Wide Beam Reflector + Prismatic Lens  
55° Beam, UGR16 / UGR19^, IP65\*



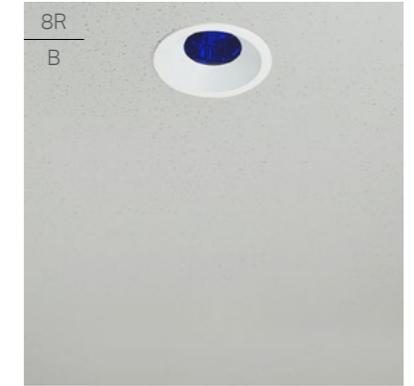
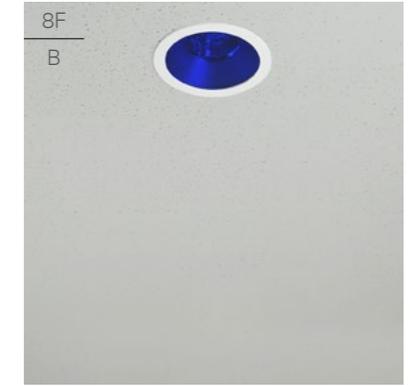
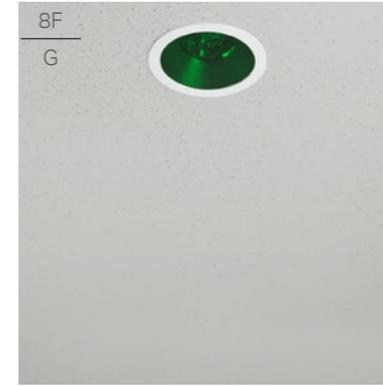
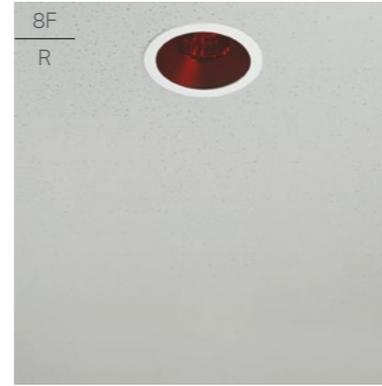
\*Downlight without lens is IP6X from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP44 from above ceiling. Downlight with lens installed in factory is IP65 from below and IP44 from above ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



Adaption Plate

IK10/IP65 Anti-Ligature Lens

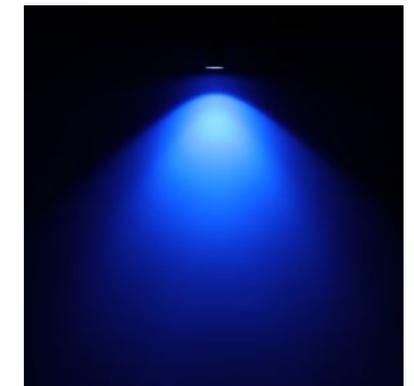
Black/White Finish + Darklight Reflector



Wide Beam Reflector + Red Lens  
70° Beam, IP65\*

Wide Beam Reflector + Green Lens  
70° Beam, IP65\*

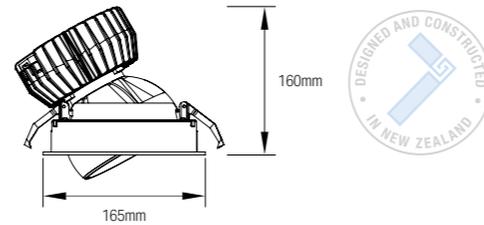
Wide Beam Reflector + Blue Lens  
70° Beam, IP65\*



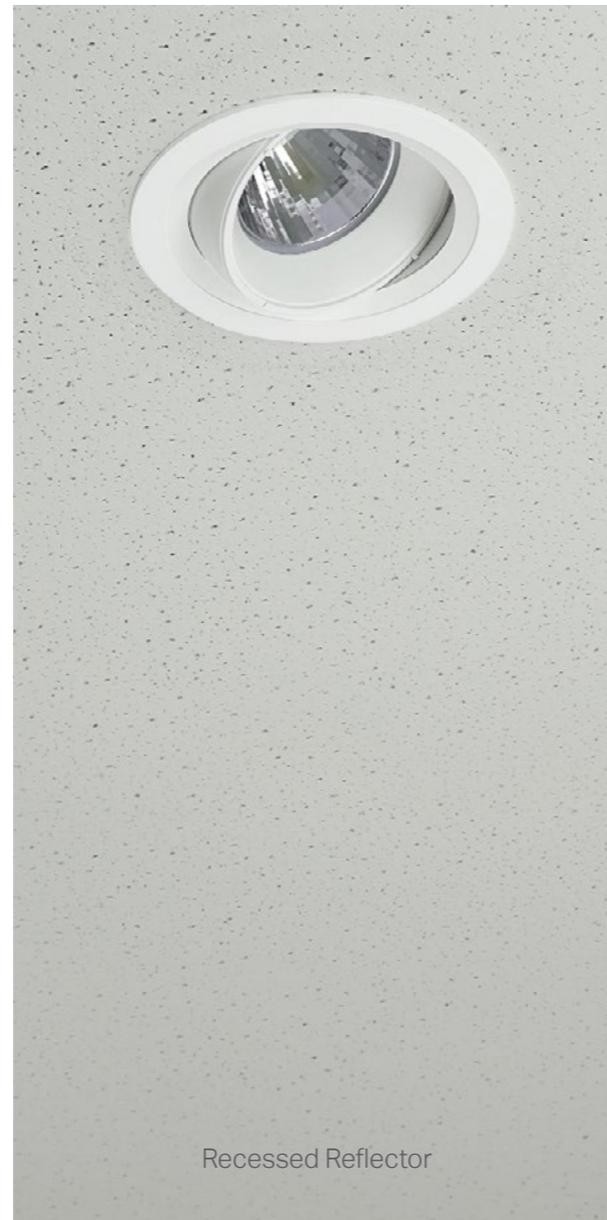
\*Downlight without lens is IP6X from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP44 from above ceiling, Downlight with lens installed in factory is IP65 from below and IP44 from above ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KA6 SERIES

## ADJUSTABLE RECESSED DOWNLIGHT



Flush Reflector



Recessed Reflector

### Technical Data

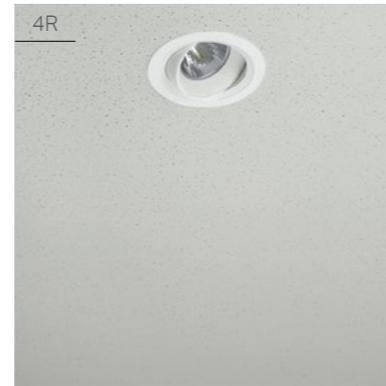
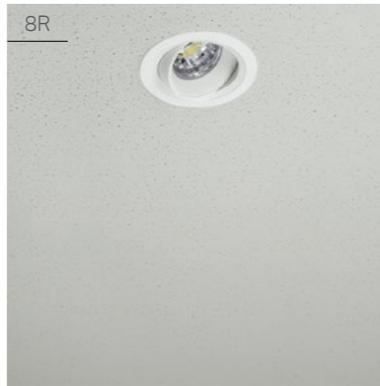
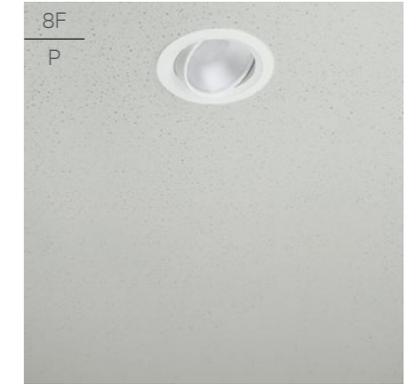
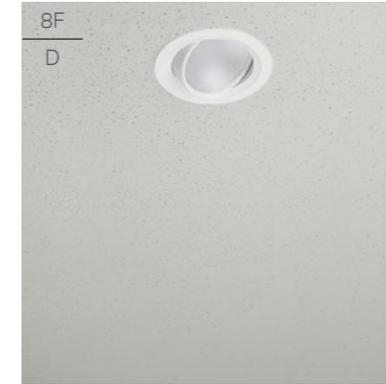
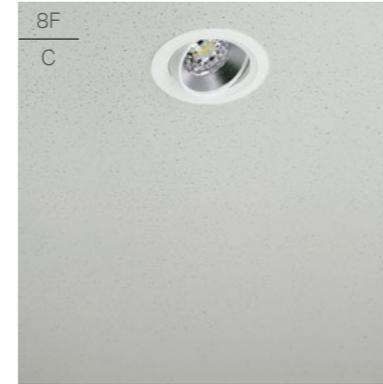
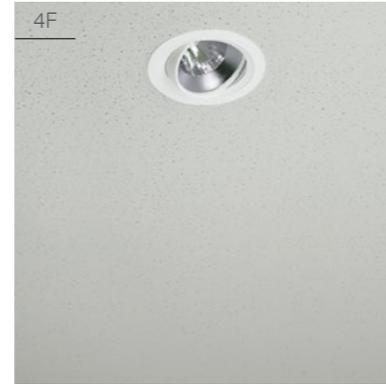
- Cut Out 150mm
- Overall 165mm
- Height 160mm
- Suitable ceiling 10-50mm
- Weight - body 980g
- Weight - driver 250g
- LED life @ L90/B10 ≥75,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- 30° tilt, 355° rotation
- Emergency option
- Adaption plate 150-250mm K6-RAP/150 K6-RAP/250
- Ultra CRI 97, R9 98 option
- Tunable white 2700-6500K option
- Casambi wireless control option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KA6 Adjustable Recessed Downlight	P	2	8F	3	BLANK Non Dim	BLANK No Lens 70° / 30° Beam UGR22, IP6X*	W White
	CRI 80	10W 250mA	Wide Beam 70° Flush Reflector	3000K			
	R9 15	1300lm 130lm/W (IC-4)					
	3 SDCM						
	X	3	8R	35	D1	C	B
	CRI 90	14W 350mA	Wide Beam 70° Recessed Reflector	3500K (CRI90 only)	DALI (250-1400mA)	Clear Lens 70° / 30° Beam UGR22, IP65*	Black
	R9 55	1800lm 129lm/W (IC-4)					
	2 SDCM (Cyanosis compliant with 4000K)						
	U	5	4F	4	D2	D	S
	CRI 97	20W 500mA	Narrow Beam 30° Flush Reflector	4000K	DSI (350-1400mA)	Diffusion Lens 100° Beam UGR22, IP65*	Special
R9 98	2500lm 125lm/W (CA90)						
2 SDCM							
Cyanosis compliant with 4000K)	7	4R			D3	P	
	27W 700mA	Narrow Beam 30° Recessed Reflector			1-10V (250-1400mA)	Prismatic Lens 55° Beam UGR16 / UGR19^, IP65*	
	3500lm 130m/W (CA90)						
	9				D4	R	
	35W 900mA				Phase Cutting (180-1050mA)	Red Lens 70° / 30° Beam IP65*	
	4300lm 123lm/W (CA90)						
	10				D5	G	
	40W 1050mA				O4A: Switch (350-1400mA)	Green Lens 70° / 30° Beam IP65*	
	5000lm 125lm/W (CA90)						
	14				D6	B	
	56W 1400mA				Push (250-1400mA)	Blue Lens 70° / 30° Beam IP65*	
	6500lm 116lm/W (Do Not Cover)						
					D7		
					O4A: DALI (350-1400mA)		
					D9		
					Casambi (150mA-1050mA)		

\*Downlight without lens is IP6X from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP44 from above ceiling. Downlight with lens installed in factory is IP65 from below and IP44 from above ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KA6 SERIES

Accessories



Wide Beam Reflector  
70° Beam, UGR22, IP6X\*

Narrow Beam Reflector  
30° Beam, UGR22, IP6X\*

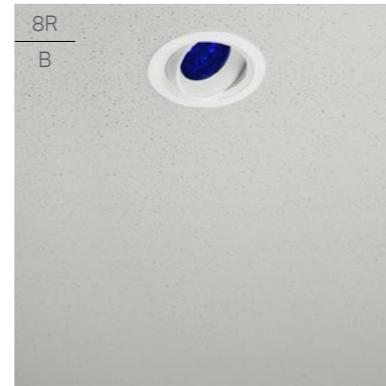
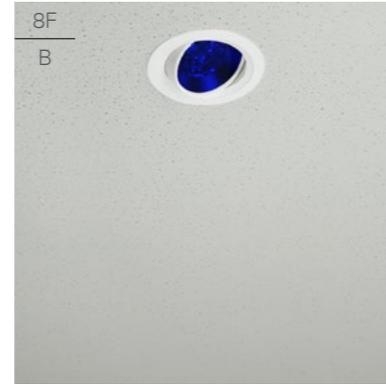
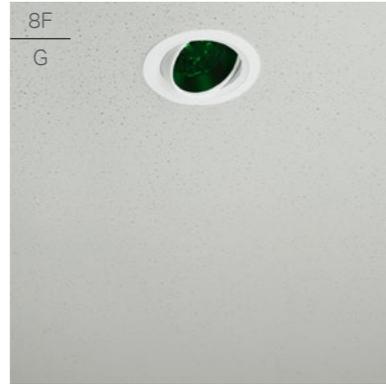
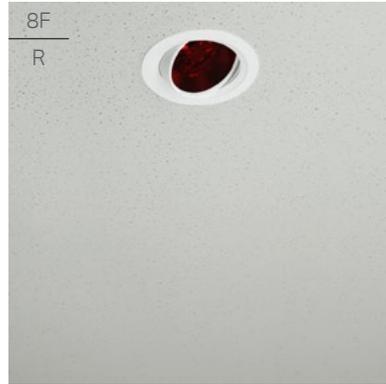
Wide Beam Reflector + Clear Lens  
70° Beam, UGR22, IP65\*

Wide Beam Reflector + Diffusion Lens  
100° Beam, UGR22, IP65\*

Wide Beam Reflector + Prismatic Lens  
55° Beam, UGR16 / UGR19^, IP65\*



\*Downlight without lens is IP6X from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP44 from above ceiling. Downlight with lens installed in factory is IP65 from below and IP44 from above ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



Wide Beam Reflector + Red Lens  
70° Beam, IP65\*

Wide Beam Reflector + Green Lens  
70° Beam, IP65\*

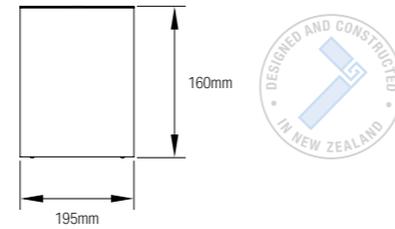
Wide Beam Reflector + Blue Lens  
70° Beam, IP65\*



\*Downlight without lens is IP6X from below and above ceiling; Downlight with lens installed on site is IP54 from below and IP44 from above ceiling, Downlight with lens installed in factory is IP65 from below and IP44 from above ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KS6 SERIES

## SURFACE MOUNTED DOWNLIGHT



Flush Reflector



Recessed Reflector

### Technical Data

- Overall 195mm
- Height 160mm
- Weight 1980g
- LED life @ L90/B10  $\geq 75,000$  Hrs
- AS/NZS60598 - parts 1&2 Complies
- Full IP65 option
- Remote emergency option
- Ultra CRI 97, R9 98 option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KS6 Surface Mounted Downlight	P CRI 80 R9 15 3 SDCM	2 10W 250mA 1300lm 130lm/W	8F Wide Beam 70° Flush Reflector	3 3000K	BLANK Non Dim	BLANK No Lens 70° / 30° Beam UGR22, IP54	W White
	X CRI 90 R9 55 2 SDCM (Cyanosis compliant with 4000K)	3 14W 350mA 1800lm 129lm/W	8R Wide Beam 70° Recessed Reflector	35 3500K (CRI90 only)	D1 DALI (250-1400mA)	C Clear Lens 70° / 30° Beam UGR22, IP54	B Black
	U CRI 97 R9 98 2 SDCM	5 20W 500mA 2500lm 125lm/W	4F Narrow Beam 30° Flush Reflector	4 4000K	D3 1-10V (250-1400mA)	D Diffusion Lens 100° Beam UGR22, IP54	S Special
	Cyanosis compliant with 4000K)	7 27W 700mA 3500lm 130m/W	4R Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lens 55° Beam UGR16 / UGR19^, IP54	
					D6 Push (250-1400mA)	R Red Lens 70° / 30° Beam IP54	
						G Green Lens 70° / 30° Beam IP54	
						B Blue Lens 70° / 30° Beam IP54	

^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KS6 SERIES

Accessories



Wide Beam Reflector  
70° Beam, UGR22, IP54

Narrow Beam Reflector  
30° Beam, UGR22, IP54

Wide Beam Reflector + Clear Lens  
70° Beam, UGR22, IP54

Wide Beam Reflector + Diffusion Lens  
100° Beam, UGR22, IP54

Wide Beam Reflector + Prismatic Lens  
55° Beam, UGR16 / UGR19^, IP54



^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



Wide Beam Reflector + Red Lens  
70° Beam, IP54

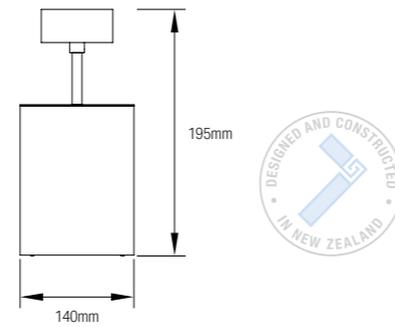
Wide Beam Reflector + Green Lens  
70° Beam, IP54

Wide Beam Reflector + Blue Lens  
70° Beam, IP54



# KR6 / KC6 SERIES

## ROD / CABLE SUSPENDED DOWNLIGHT



Flush Reflector



Recessed Reflector

### Technical Data

- Overall 140mm
- Height 195mm
- Weight 1980g
- LED life @ L90/B10 >=75,000 Hrs Complies
- AS/NZS60598 - parts 1&2
- Rod length 1000-3000mm
- Cable length 2000mm, can be shortened
- Full IP65 option
- Remote emergency option
- Ultra CRI 97, R9 98 option
- Adjustable base option for angled ceiling up to 15°
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KR6 Rod Suspended Downlight	P CRI 80 R9 15 3 SDCM	2 10W 250mA 1300lm 130lm/W	8F Wide Beam 70° Flush Reflector	3 3000K	BLANK Non Dim	BLANK No Lens 70° / 30° Beam UGR22, IP54	W White
KC6 Cable Suspended Downlight	X CRI 90 R9 55 2 SDCM (Cyanosis compliant with 4000K)	3 14W 350mA 1800lm 129lm/W	8R Wide Beam 70° Recessed Reflector	35 3500K (CRI90 only)	D1 DALI (250-1400mA)	C Clear Lens 70° / 30° Beam UGR22, IP54	B Black
	U CRI 97 R9 98 2 SDCM	5 20W 500mA 2500lm 125lm/W	4F Narrow Beam 30° Flush Reflector	4 4000K	D3 1-10V (250-1400mA)	D Diffusion Lens 100° Beam UGR22, IP54	S Special
	Cyanosis compliant with 4000K)	7 27W 700mA 3500lm 130m/W	4R Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lens 55° Beam UGR16 / UGR19^, IP54	
					D6 Push (250-1400mA)	R Red Lens 70° / 30° Beam IP54	
						G Green Lens 70° / 30° Beam IP54	
						B Blue Lens 70° / 30° Beam IP54	

^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KR6 / KC6 SERIES

Accessories



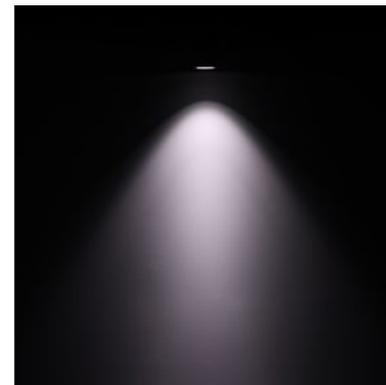
Wide Beam Reflector  
70° Beam, UGR22, IP54

Narrow Beam Reflector  
30° Beam, UGR22, IP54

Wide Beam Reflector + Clear Lens  
70° Beam, UGR22, IP54

Wide Beam Reflector + Diffusion Lens  
100° Beam, UGR22, IP54

Wide Beam Reflector + Prismatic Lens  
55° Beam, UGR16 / UGR19^, IP54



^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



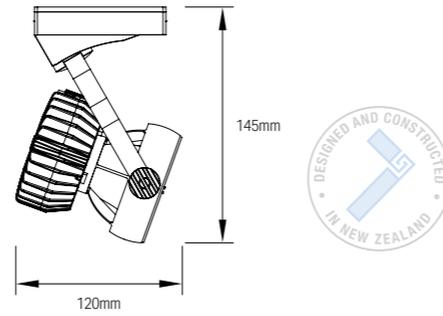
Wide Beam Reflector + Red Lens  
70° Beam, IP54

Wide Beam Reflector + Green Lens  
70° Beam, IP54

Wide Beam Reflector + Blue Lens  
70° Beam, IP54



# KSP6 SURFACE SERIES SPOTLIGHT



Flush Reflector



Recessed Reflector

## Technical Data

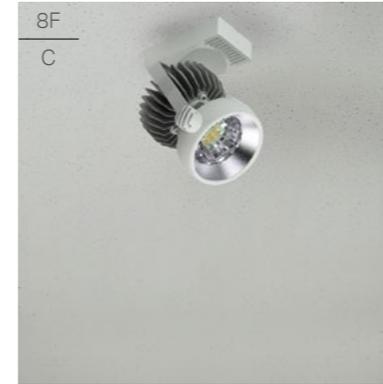
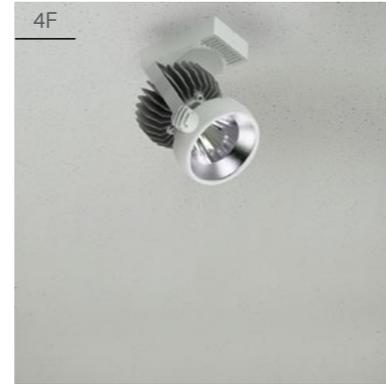
- Overall 120mm
- Height 145mm
- Weight 1200g
- LED life @ L90/B10 ≥75,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- 270° tilt, 355° rotation
- Ultra CRI 97, R9 98 option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KSP6 Surface Mounted Spotlight	P CRI 80 R9 15 3 SDCM	2 10W 250mA 1300lm 130lm/W	8FS Wide Beam 70° Flush Reflector	3 3000K	BLANK Non Dim	BLANK No Lens 70° / 30° Beam UGR22, IP20	W White
	X CRI 90 R9 55 2 SDCM (Cyanosis compliant with 4000K)	3 14W 350mA 1800lm 129lm/W	8RS Wide Beam 70° Recessed Reflector	35 3500K (CRI90 only)	D1 DALI (250-1400mA)	C Clear Lens 70° / 30° Beam UGR22, IP20	B Black
	U CRI 97 R9 98 2 SDCM	5 20W 500mA 2500lm 125lm/W	4FS Narrow Beam 30° Flush Reflector	4 4000K	D3 1-10V (250-1400mA)	D Diffusion Lens 100° Beam UGR22, IP20	S Special
	Cyanosis compliant with 4000K)	7 27W 700mA 3500lm 130m/W	4RS Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lens 55° Beam UGR16 / UGR19^, IP20	
					D6 Push (250-1400mA)	R Red Lens 70° / 30° Beam IP20	
						G Green Lens 70° / 30° Beam IP20	
						B Blue Lens 70° / 30° Beam IP20	

^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KSP6 SURFACE SERIES

Accessories



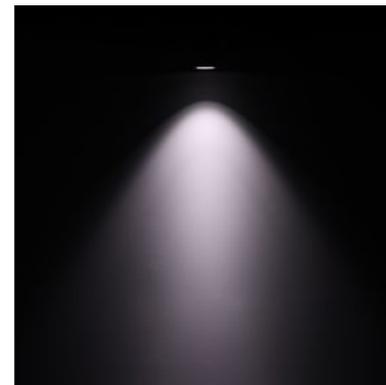
Wide Beam Reflector  
70° Beam, UGR22, IP20

Narrow Beam Reflector  
30° Beam, UGR22, IP20

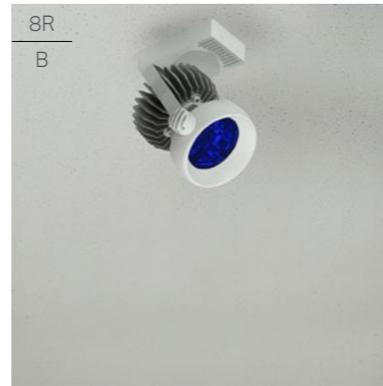
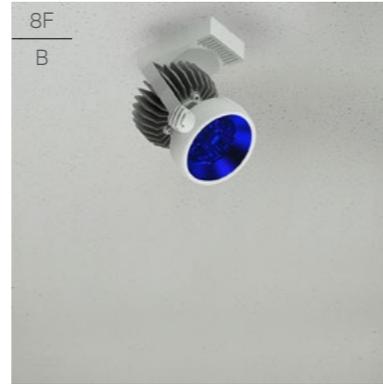
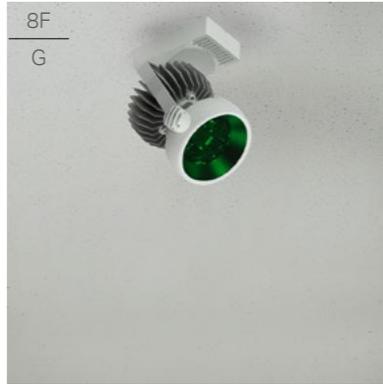
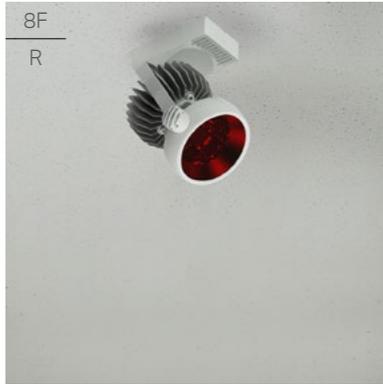
Wide Beam Reflector + Clear Lens  
70° Beam, UGR22, IP20

Wide Beam Reflector + Diffusion Lens  
100° Beam, UGR22, IP20

Wide Beam Reflector + Prismatic Lens  
55° Beam, UGR16 / UGR19^, IP20



^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



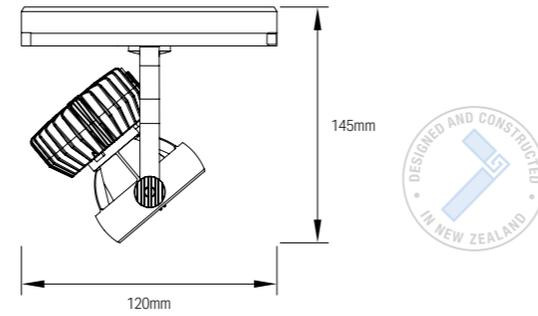
Wide Beam Reflector + Red Lens  
70° Beam, IP20

Wide Beam Reflector + Green Lens  
70° Beam, IP20

Wide Beam Reflector + Blue Lens  
70° Beam, IP20



# KSP6 TRACK SERIES SPOTLIGHT



Flush Reflector



Recessed Reflector

## Technical Data

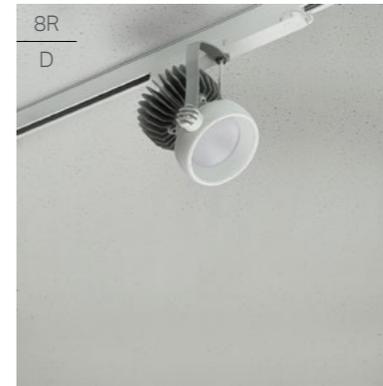
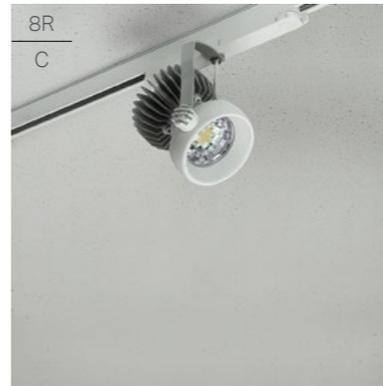
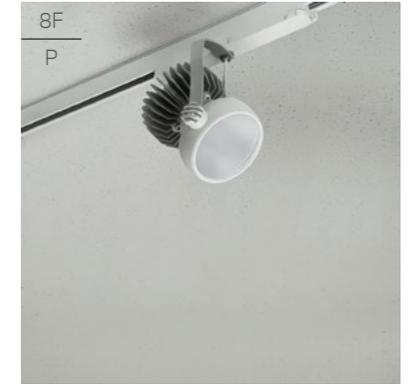
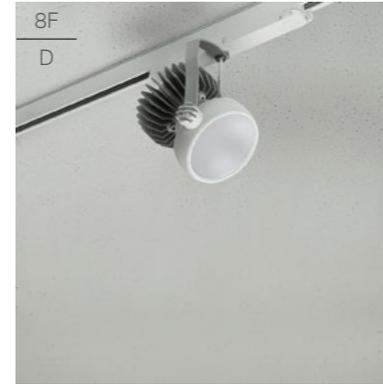
- Overall 120mm
- Height 145mm
- Weight 1200g
- LED life @ L90/B10 ≥75,000 Hrs
- AS/NZS60598 - parts 1&2 Complies
- 270° tilt, 355° rotation
- Ultra CRI 97, R9 98 option
- Philips Interact IoT options

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENS	COLOUR
KSP6 Track Mounted Spotlight	P	2	8FT Wide Beam 70° Flush Reflector	3	BLANK Non Dim	BLANK No Lens 70° / 30° Beam UGR22, IP6X	W White
	X	3	8RT Wide Beam 70° Recessed Reflector	35 3500K (CRI90 only)	D1 DALI (250-1400mA)	C Clear Lens 70° / 30° Beam UGR22, IP44	B Black
		5	4FT Narrow Beam 30° Flush Reflector	4	D3 1-10V (250-1400mA)	D Diffusion Lens 100° Beam UGR22, IP44	S Special
	U	7	4RT Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lens 55° Beam UGR16 / UGR19^, IP44	
		9			D6 Push (250-1400mA)	R Red Lens 70° / 30° Beam IP44	
		10				G Green Lens 70° / 30° Beam IP44	
						B Blue Lens 70° / 30° Beam IP44	

^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.

# KSP6 TRACK SERIES

Accessories



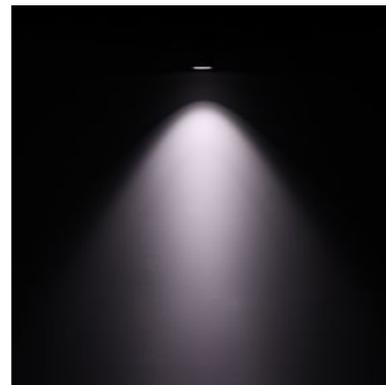
Wide Beam Reflector  
70° Beam, UGR22, IP6X

Narrow Beam Reflector  
30° Beam, UGR22, IP6X

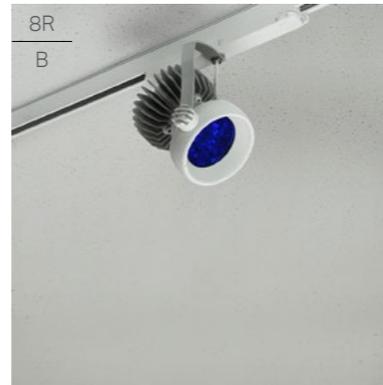
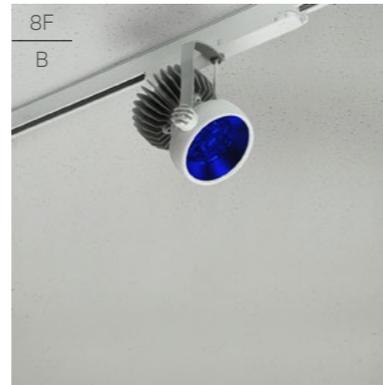
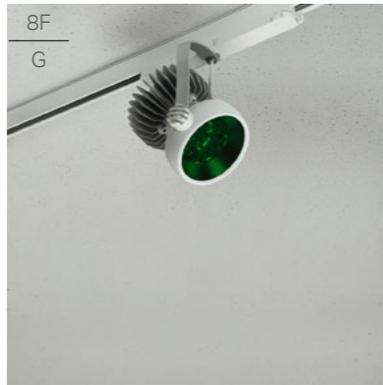
Wide Beam Reflector + Clear Lens  
70° Beam, UGR22, IP44

Wide Beam Reflector + Diffusion Lens  
100° Beam, UGR22, IP44

Wide Beam Reflector + Prismatic Lens  
55° Beam, UGR16 / UGR19^, IP44



^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



Wide Beam Reflector + Red Lens  
70° Beam, IP44

Wide Beam Reflector + Green Lens  
70° Beam, IP44

Wide Beam Reflector + Blue Lens  
70° Beam, IP44



**Ingress protection ratings (IP)** Defined by IEC 60598

The resistive performance of fittings to solids and liquids is indicated by the IP (Ingress Protection) prefix followed by two numbers.

The first number indicates the measure of protection against the ingress of solids. For instance: **IP2X**

The second number indicates the measure of protection against the ingress of liquids. For instance: **IPX5**

**Ingress Protection (IP) Specification Guide**

Protection against the ingress of solid objects IP.1X					Protection against the ingress of liquids IPX1				
IP No.	Example	Protection against contact and ingress of objects	Tests	Symbol	IP No.	Example	Protection against contact and ingress of water	Tests	Symbol
IP1X		Protected against solid objects greater than 50mm ø	A large surface of the body, such as a hand (but no protection against deliberate access). Solid objects exceeding 50mm in diameter.		IPX1		Protected against dripping water	Dripping water (vertically falling drops) shall have no harmful effect	
IP2X		Protected against solid objects greater than 12mm ø	Fingers or similar objects not exceeding 80 mm in length. Solid objects exceeding 12mm in diameter.		IPX2		Protected against dripping water when tilted up to 15°	Vertically dripping water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from its normal position	
IP3X		Protected against solid objects greater than 2.5mm ø	Tools, wires, etc., of diameter or thickness greater than 2.5mm. Solid objects exceeding 2.5mm in diameter.		IPX3		Protected against spraying water	Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect	
IP4X		Protected against solid objects greater than 1.0mm ø	Wires or strips of thickness greater than 1.0mm. Solid objects exceeding 1.0mm in diameter.		IPX4		Protected against splashing water	Water splashed against the enclosure from any direction shall have no harmful effect	
IP5X		Dust protected	Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment.		IPX5		Protected against water jets	Water projected by a nozzle against the enclosure from any direction shall have no harmful effect	
IP6X		Dust tight	No ingress of dust.		IPX6		Protected against heavy seas	Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities	
					IPX7		Protected against the effects of immersion	Ingress of water in a harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time	
					IPX8		Protected against submersion	The equipment is suitable for continuous submersion in water under conditions which shall be specified by the manufacturer.  NOTE Normally, this will mean that the equipment is hermetically sealed. However, with certain types of equipment, it can mean that water can enter but only in such a manner that it produces no harmful effects.	

**IK ratings** Defined by UTE 20010  
Degree of Impact Protection EN62262.

IK rating system is an International classification showing degrees of protection provided by luminaires against external mechanical impacts.

Number	Measure of protection – impact energy (joules)	Test
 IK00	No protection to this standard -	
 IK01	0.15	0.20kg impact
 IK02	0.20	0.20kg impact
 IK03	0.35	0.20kg impact
 IK04	0.50	0.20kg impact
 IK05	0.70	0.20kg impact
 IK06	1.00	0.50kg impact from 200mm
 IK07	2.00	0.50kg impact from 400mm
 IK08	5.00	1.70kg impact from 295mm
 IK09	10.00	5.00kg impact from 200mm
 IK10	20.00	5.00kg impact from 400mm

When higher impact energy protection is required 50 joules is recommended.



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