



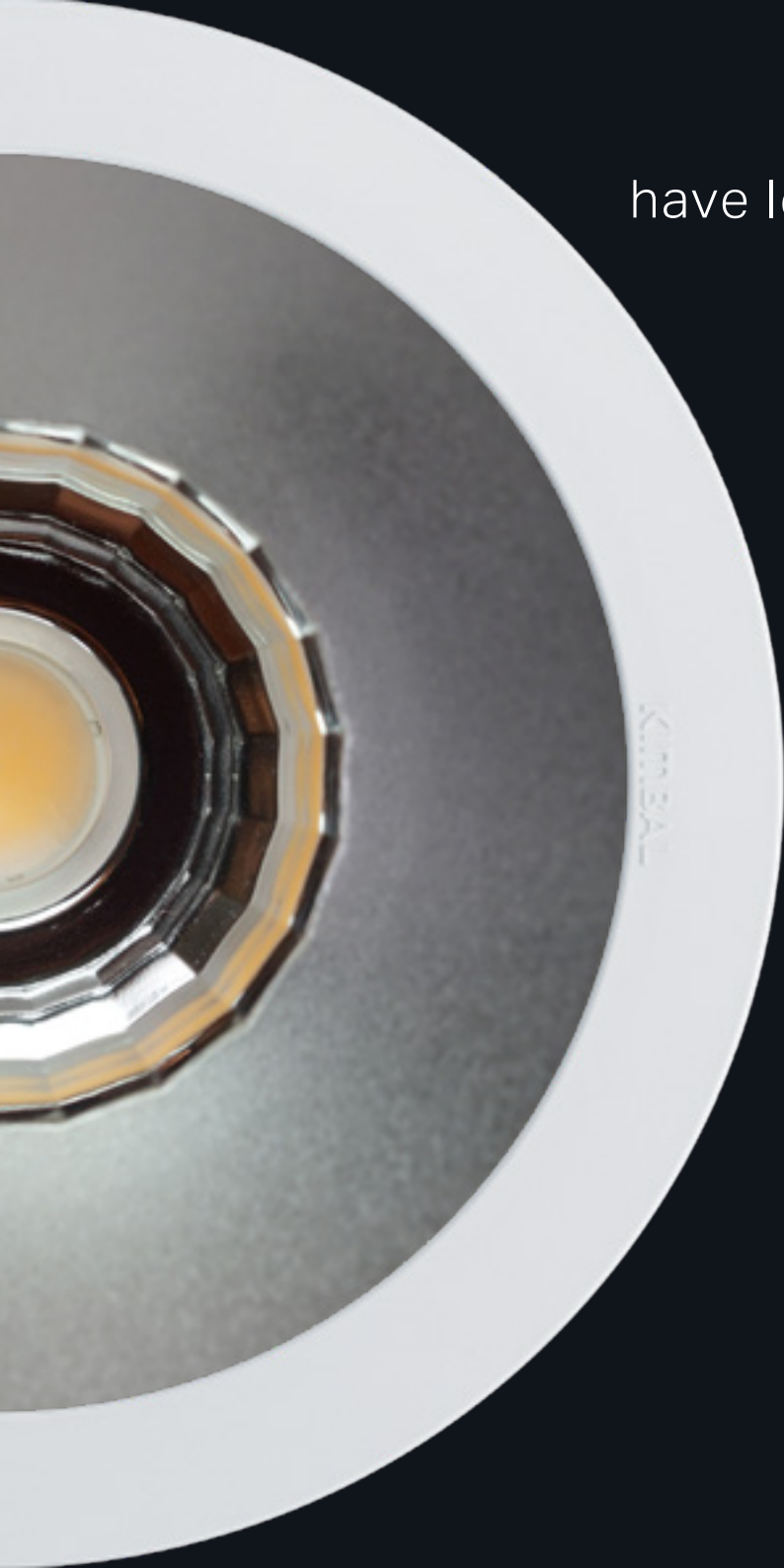
LED Downlight System
Designed and Constructed
in New Zealand

10 YEARS

of research and development
in LED downlight technology




have led us to **KIMBAL**



DOT Downlights, the developer of the Kimbal, recognizes its responsibility to communities and future generations. This has led to the introduction of a product range that has sustainability at its core.

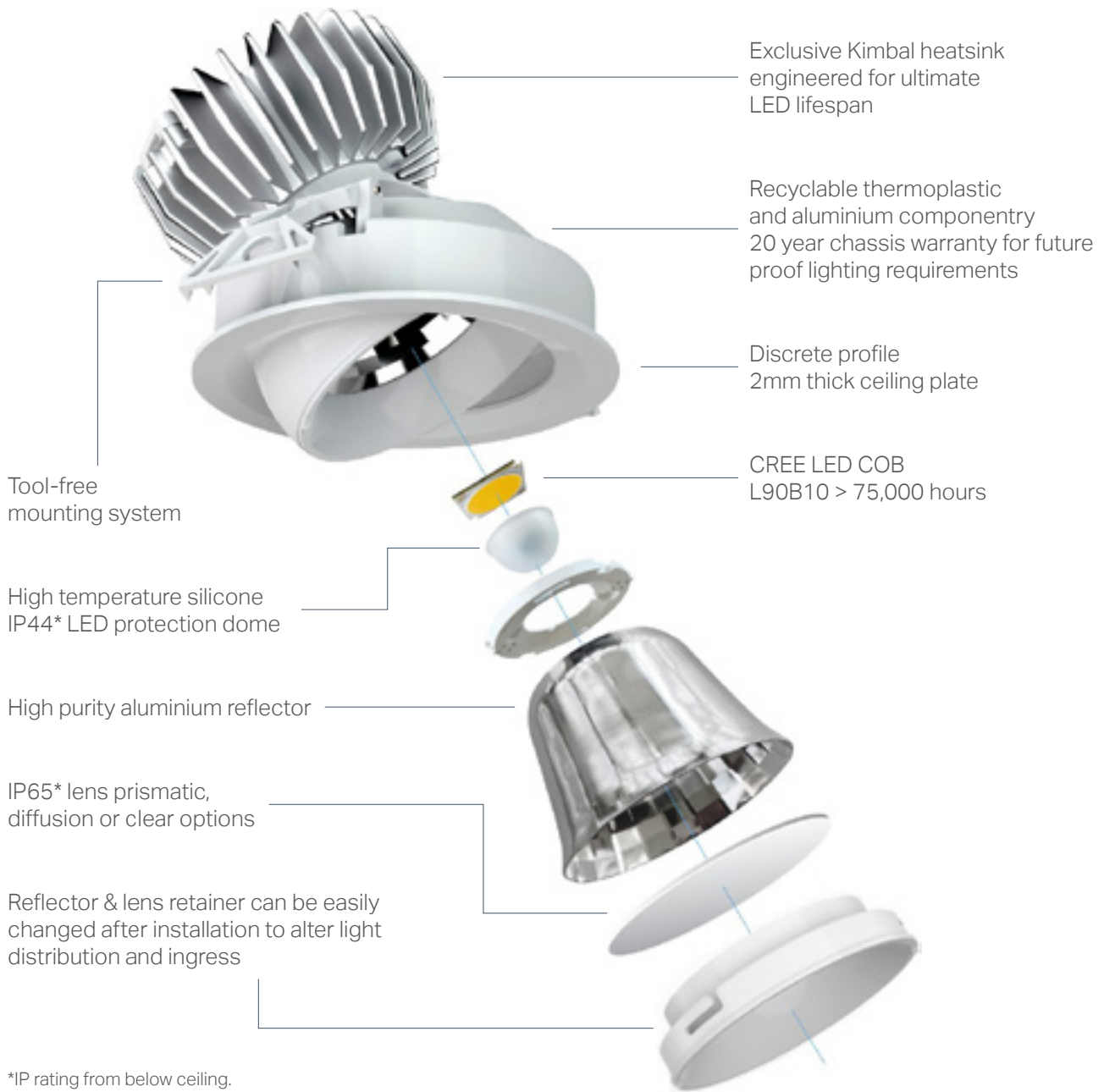
Every element of a Kimbal engineered body is either recyclable or reusable and the range has been designed to enable replacement of electronic control gear or LED to uptake future technology and at end of life.



A photograph of a dense, green forest covering a hillside. In the background, a mountain peak is visible, partially obscured by a layer of clouds. The sky is filled with soft, white clouds, and the overall lighting suggests a bright but slightly overcast day. The text is overlaid on the left side of the image.

"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."

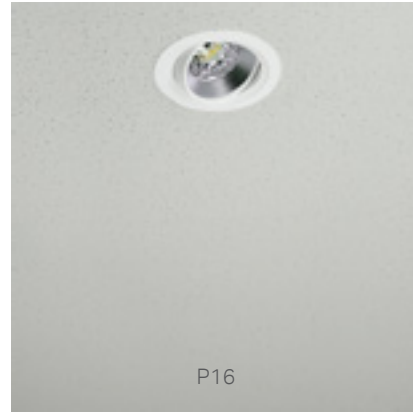
Paul Austin,
GM of Dot Downlights



The collection features six distinct lighting solutions; fixed recessed downlights, adjustable recessed downlights, surface mounted downlights, suspended downlights, surface mounted spotlights and track mounted spotlights.



P10



P16



P22



P28



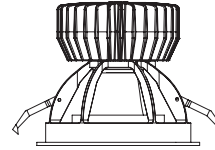
P34



P42

KF6 SERIES

FIXED RECESSED DOWNLIGHT



Flush Reflector



Recessed Reflector

Technical Data

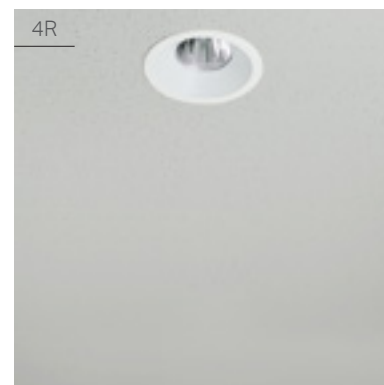
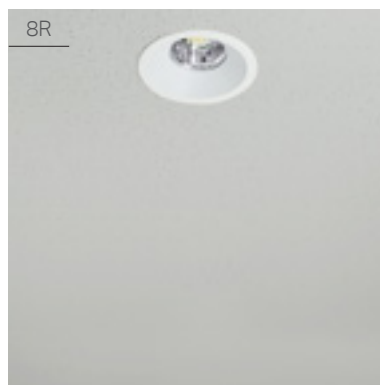
- Cut Out 150mm
- Overall 165mm
- Height 148mm
- Suitable ceiling 10-50mm
- Weight - body 850g
- Weight - driver 250g
- LED life @ L90/B10 ≥75000 Hrs
- IEC 60598 - parts 1&2 Complies
- AS/NZS60598 - parts 1&2 Complies
- Emergency option

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENSE	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	BLANK No Lense 70° / 30° Beam UGR22, IP44*	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)	D1 DALI (250-1400mA)	C Clear Lense 70° / 30° Beam UGR22, IP65*	B Black
		5 20W 500mA 2500lm 125lm/W (CA90)	4F Narrow Beam 30° Flush Reflector	4 4000K	D2 DSI (350-1400mA)	D Diffusion Lense 100° Beam UGR22, IP65*	S Special
		7 27W 700mA 3500lm 130m/W (CA90)	4R Narrow Beam 30° Recessed Reflector		D3 1-10V (250-1400mA)		
		9 35W 900mA 4300lm 123lm/W (CA90)			D4 Phase Cutting (180-1050mA)	P Prismatic Lense 55° Beam UGR16 / UGR19^, IP65*	
		10 40W 1050mA 5000lm 125lm/W (CA90)			D5 O4A: Switch (350-1400mA)	R Red Lense 70° / 30° Beam IP65*	
14 56W 1400mA 6500lm 116lm/W (Do Not Cover)			D6 Push (250-1400mA)	G Green Lense 70° / 30° Beam IP65*			
				D7 O4A: DALI (350-1400mA)	B Blue Lense 70° / 30° Beam IP65*		
				D8 DALI 8 Tunable White (350-900mA)			
				D9 Casambi (350-1050mA)			

*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lense, UGR19 capable with Flush Reflector and Prismatic Lense.

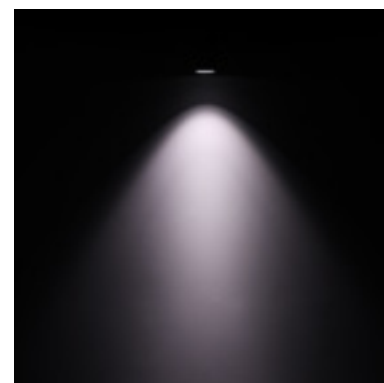
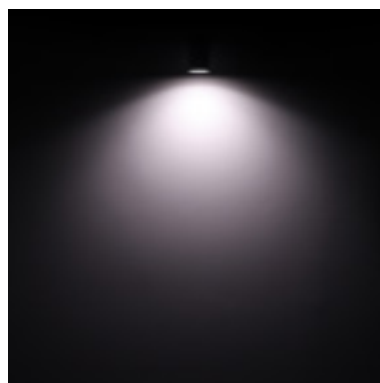
KF6 SERIES

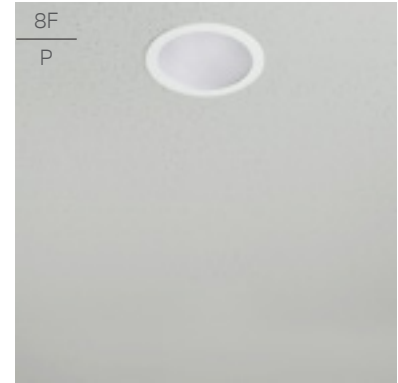
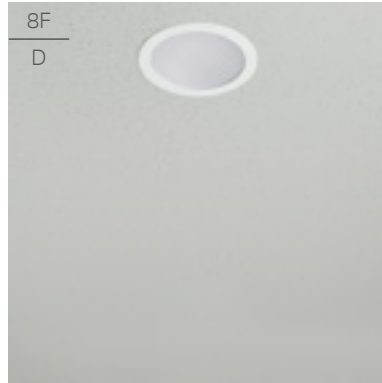
Accessories



Wide Beam Reflector
70° Beam, UGR22, IP44*

Narrow Beam Reflector
30° Beam, UGR22, IP44*

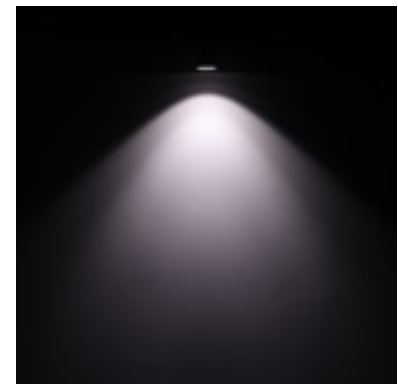
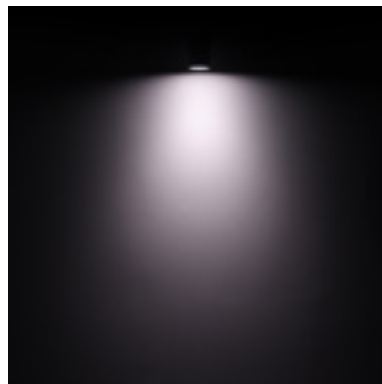
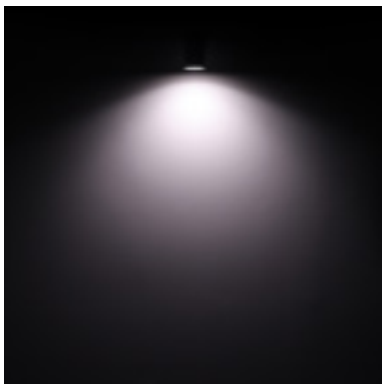




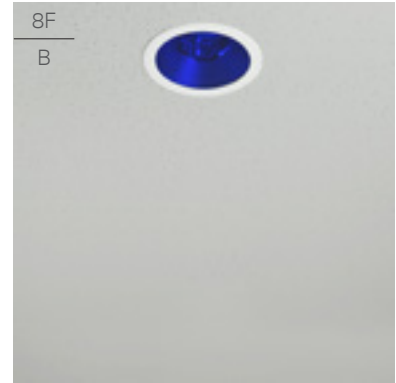
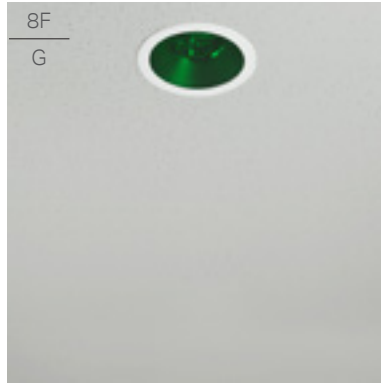
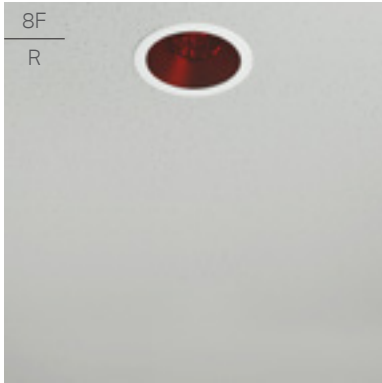
Wide Beam Reflector + Clear Lens
70° Beam, UGR22, IP65*

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

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



*IP rating from below 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*

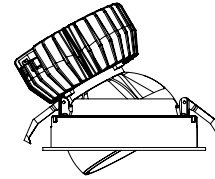


*IP rating from below ceiling.



KA6 SERIES

ADJUSTABLE RECESSED DOWNLIGHT



Flush Reflector



Recessed Reflector

Technical Data

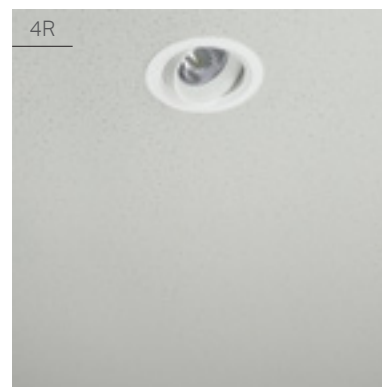
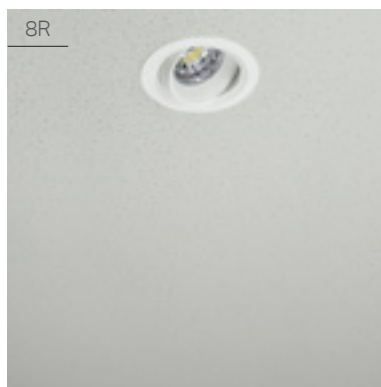
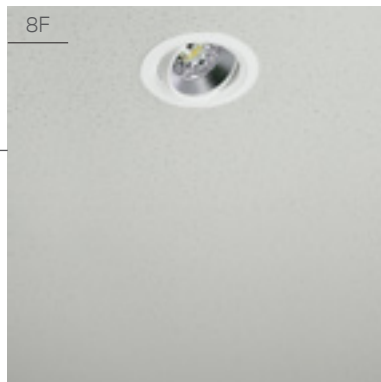
- Cut Out 150mm
- Overall 165mm
- Height 160mm
- Suitable ceiling 10-50mm
- Weight - body 980g
- Weight - driver 250g
- LED life @ L90/B10 ≥75000 Hrs
- IEC 60598 - parts 1&2 Complies
- AS/NZS60598 - parts 1&2 Complies
- 30° tilt
- 355° rotation
- Emergency option

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENSE	COLOUR
KA6 Adjustable 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	BLANK No Lense 70° / 30° Beam UGR22, IP44*	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)	D1 DALI (250-1400mA)	C Clear Lense 70° / 30° Beam UGR22, IP65*	B Black
		5 20W 500mA 2500lm 125lm/W (CA90)	4F Narrow Beam 30° Flush Reflector	4 4000K	D2 DSI (350-1400mA)	D Diffusion Lense 100° Beam UGR22, IP65*	S Special
		7 27W 700mA 3500lm 130m/W (CA90)	4R Narrow Beam 30° Recessed Reflector		D3 1-10V (250-1400mA)		
		9 35W 900mA 4300lm 123lm/W (CA90)			D4 Phase Cutting (180-1050mA)	P Prismatic Lense 55° Beam UGR16 / UGR19^, IP65*	
		10 40W 1050mA 5000lm 125lm/W (CA90)			D5 O4A: Switch (350-1400mA)	R Red Lense 70° / 30° Beam IP65*	
14 56W 1400mA 6500lm 116lm/W (Do Not Cover)			D6 Push (250-1400mA)	G Green Lense 70° / 30° Beam IP65*			
				D7 O4A: DALI (350-1400mA)	B Blue Lense 70° / 30° Beam IP65*		
				D8 DALI 8 Tunable White (350-900mA)			
				D9 Casambi (350-1050mA)			

*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lense, UGR19 capable with Flush Reflector and Prismatic Lense.

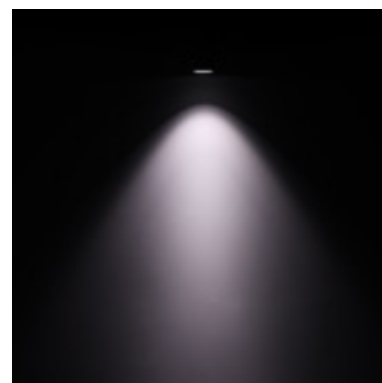
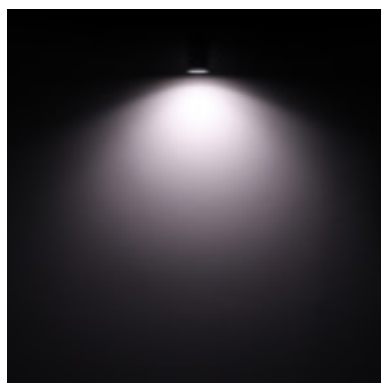
KA6 SERIES

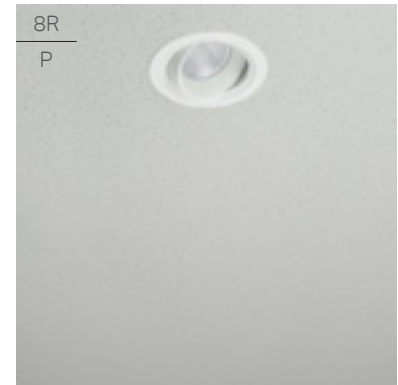
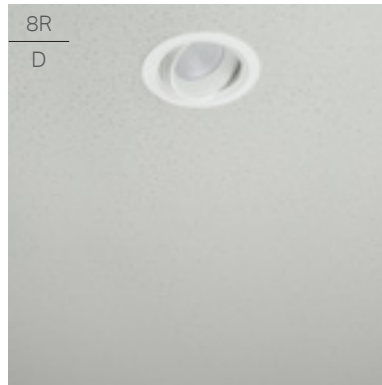
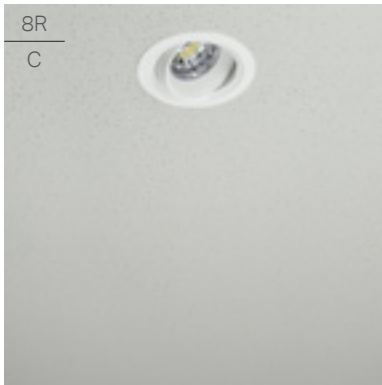
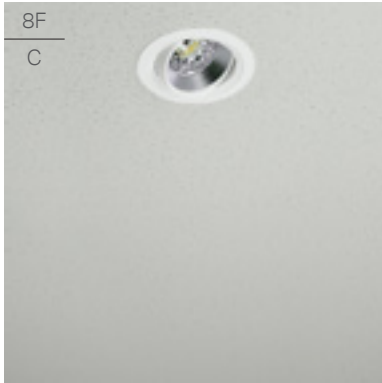
Accessories



Wide Beam Reflector
70° Beam, UGR22, IP44*

Narrow Beam Reflector
30° Beam, UGR22, IP44*

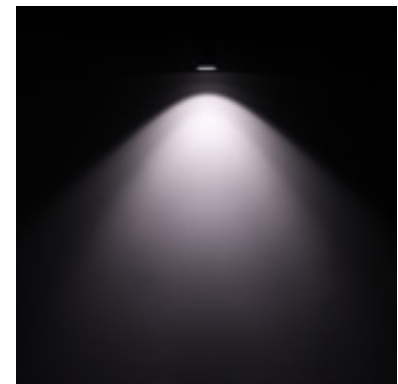
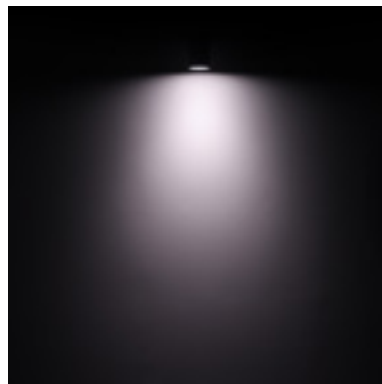
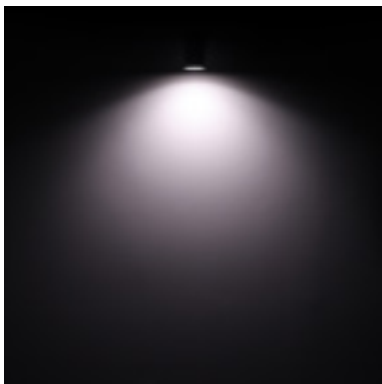




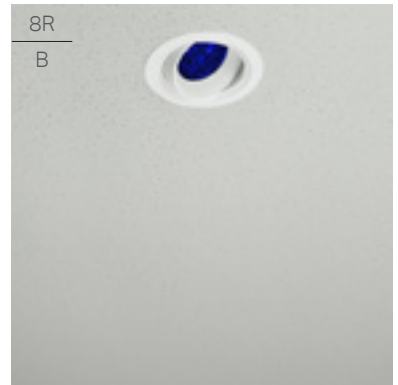
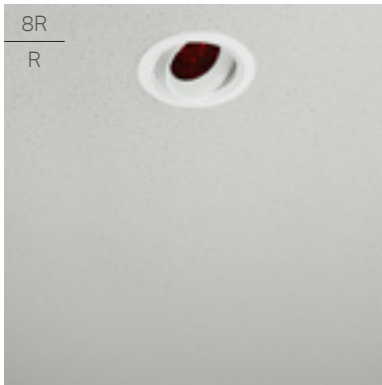
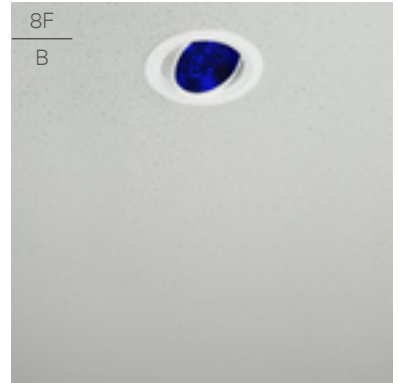
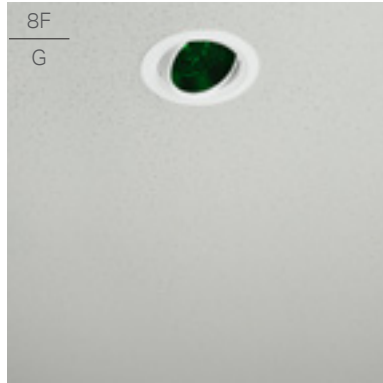
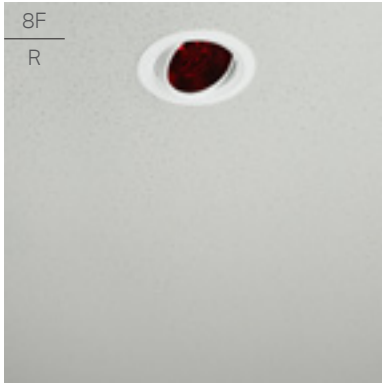
Wide Beam Reflector + Clear Lens
70° Beam, UGR22, IP65*

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

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



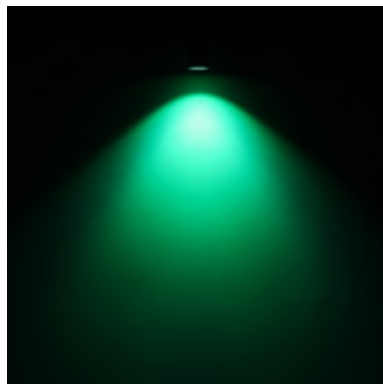
*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



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

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

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



*IP rating from below ceiling.

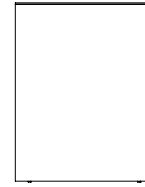


Auckland Transport



KS6 SERIES

SURFACE MOUNTED DOWNLIGHT



Flush Reflector



Recessed Reflector

Technical Data

- Overall 140mm
- Height 195mm
- Weight 1980g
- LED life @ L90/B10 ≥75000 Hrs
- IEC 60598 - parts 1&2 Complies
- AS/NZS60598 - parts 1&2 Complies
- Emergency option

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENSE	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 Lense 70° / 30° Beam UGR22, IP44*	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 Lense 70° / 30° Beam UGR22, IP65*	B Black
		5 20W 500mA 2500lm 125lm/W	4F Narrow Beam 30° Flush Reflector	4 4000K	D3 1-10V (250-1400mA)	D Diffusion Lense 100° Beam UGR22, IP65*	S Special
		7 27W 700mA 3500lm 130m/W	4R Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lense 55° Beam UGR16 / UGR19^, IP65*	
				D6 Push (250-1400mA)	R Red Lense 70° / 30° Beam IP65*		
					G Green Lense 70° / 30° Beam IP65*		
					B Blue Lense 70° / 30° Beam IP65*		

*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lense, UGR19 capable with Flush Reflector and Prismatic Lense.

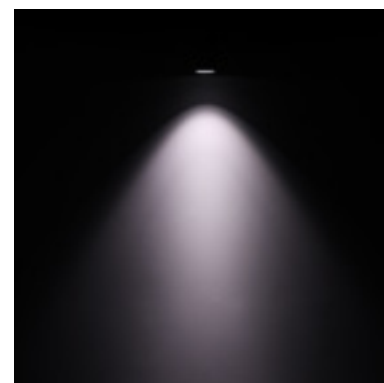
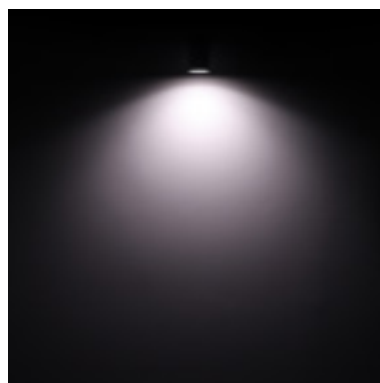
KS6 SERIES

Accessories



Wide Beam Reflector
70° Beam, UGR22, IP44*

Narrow Beam Reflector
30° Beam, UGR22, IP44*

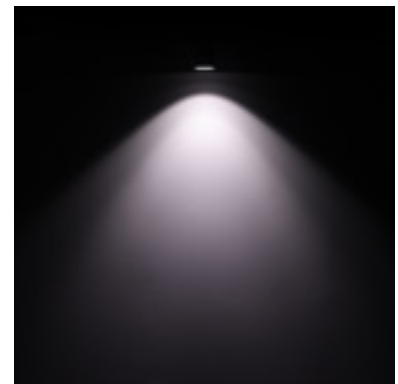
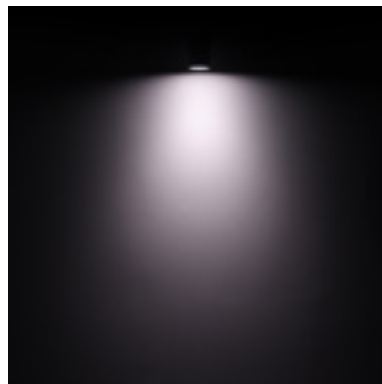
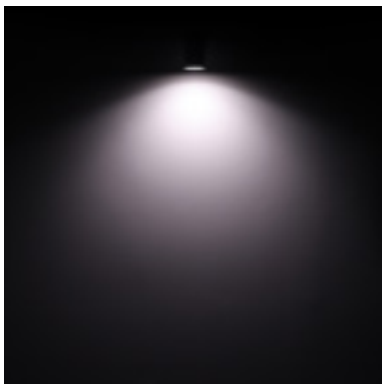




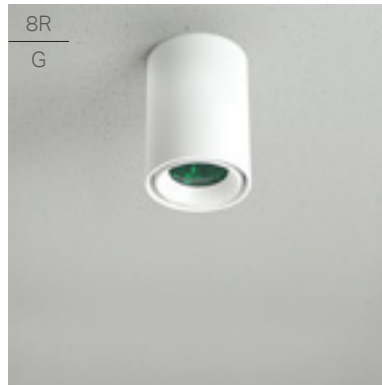
Wide Beam Reflector + Clear Lens
70° Beam, UGR22, IP65*

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

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



*IP rating from below 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*



*IP rating from below ceiling.

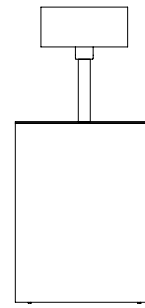


Gochu

Gochu

KR6 /KC6 SERIES

ROD / CABLE SUSPENDED DOWNLIGHT



Flush Reflector



Recessed Reflector

Technical Data

- Overall 140mm
- Height 195mm
- Weight 1980g
- LED life @ L90/B10 ≥75000 Hrs
- IEC 60598 - parts 1&2 Complies
- AS/NZS60598 - parts 1&2 Complies
- Rod length 1000-3000mm
- Cable length 2000mm, can be shortened
- Emergency option

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENSE	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 Lense 70° / 30° Beam UGR22, IP44*	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 Lense 70° / 30° Beam UGR22, IP65*	B Black			
		5 20W 500mA 2500lm 125lm/W	4F Narrow Beam 30° Flush Reflector	4 4000K				D3 1-10V (250-1400mA)	D Diffusion Lense 100° Beam UGR22, IP65*	S Special
		7 27W 700mA 3500lm 130m/W	4R Narrow Beam 30° Recessed Reflector					D4 Phase Cutting (180-1050mA)	P Prismatic Lense 55° Beam UGR16 / UGR19^, IP65*	
					D6 Push (250-1400mA)	R Red Lense 70° / 30° Beam IP65*				
						G Green Lense 70° / 30° Beam IP65*				
						B Blue Lense 70° / 30° Beam IP65*				

*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lense, UGR19 capable with Flush Reflector and Prismatic Lense.

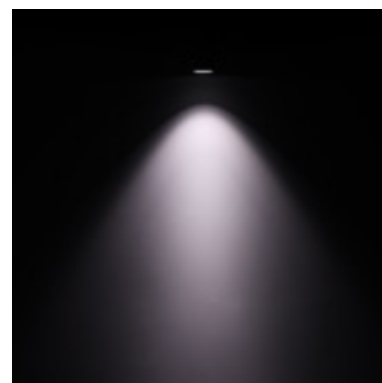
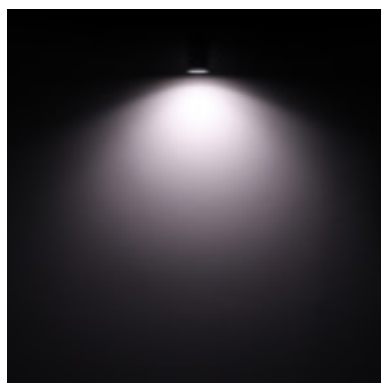
KR6 /KC6 SERIES

Accessories



Wide Beam Reflector
70° Beam, UGR22, IP44*

Narrow Beam Reflector
30° Beam, UGR22, IP44*

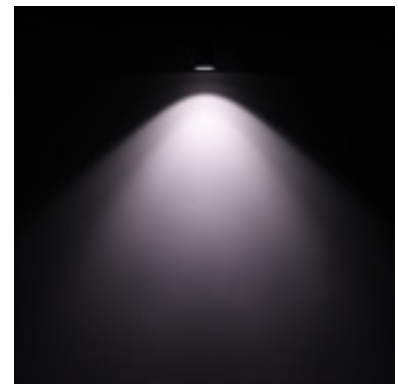
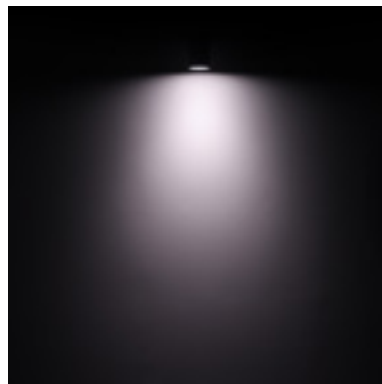
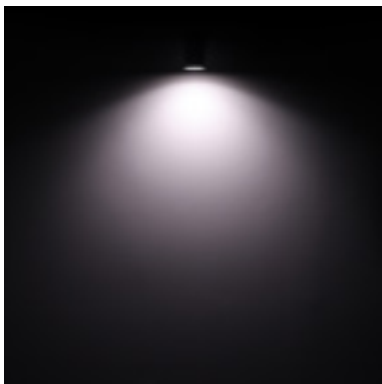




Wide Beam Reflector + Clear Lens
70° Beam, UGR22, IP65*

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

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



*IP rating from below 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*

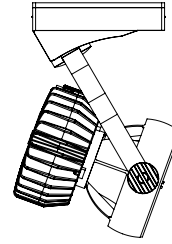


*IP rating from below ceiling.



KSP6 SURFACE SERIES

SPOTLIGHT



Flush Reflector



Recessed Reflector

Technical Data

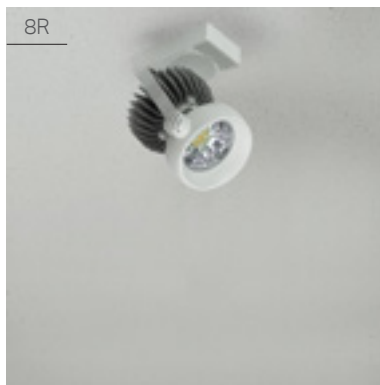
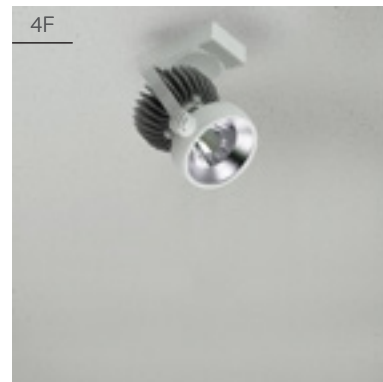
- Overall 120mm
- Height 145mm
- Weight 1200g
- LED life @ L90/B10 ≥75000 Hrs
- IEC 60598 - parts 1&2 Complies
- AS/NZS60598 - parts 1&2 Complies
- 270° tilt
- 355° rotation
- Emergency option

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENSE	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 Lense 70° / 30° Beam UGR22, IP44*	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 Lense 70° / 30° Beam UGR22, IP65*	B Black
		5 20W 500mA 2500lm 125lm/W	4FS Narrow Beam 30° Flush Reflector	4 4000K	D3 1-10V (250-1400mA)	D Diffusion Lense 100° Beam UGR22, IP65*	S Special
		7 27W 700mA 3500lm 130m/W	4RS Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lense 55° Beam UGR16 / UGR19^, IP65*	
				D6 Push (250-1400mA)	R Red Lense 70° / 30° Beam IP65*		
					G Green Lense 70° / 30° Beam IP65*		
						B Blue Lense 70° / 30° Beam IP65*	

*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lense, UGR19 capable with Flush Reflector and Prismatic Lense.

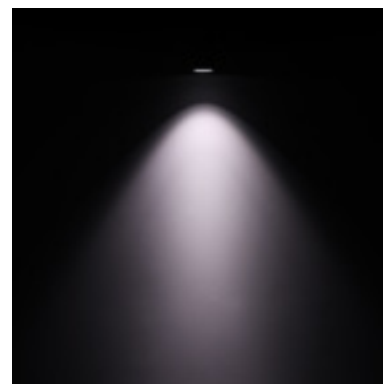
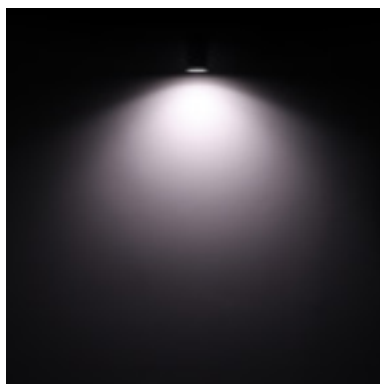
KSP6 SURFACE SERIES

Accessories



Wide Beam Reflector
70° Beam, UGR22, IP44*

Narrow Beam Reflector
30° Beam, UGR22, IP44*

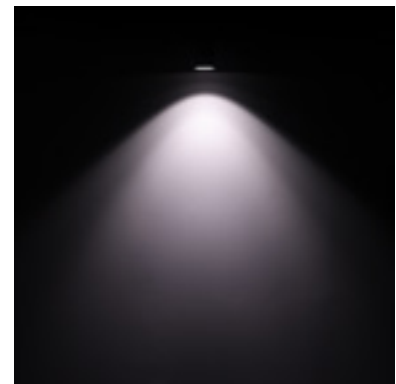
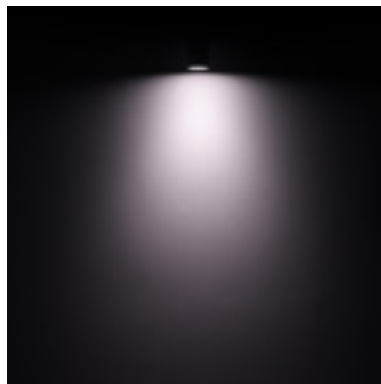




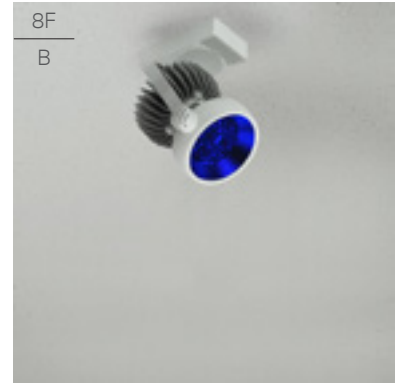
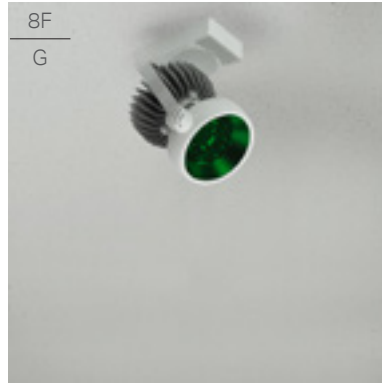
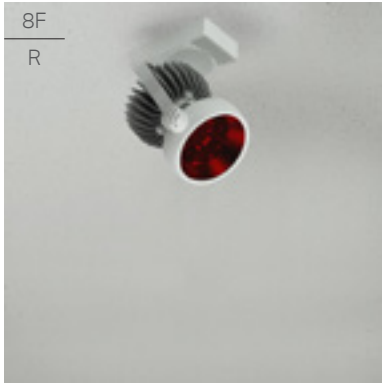
Wide Beam Reflector + Clear Lens
70° Beam, UGR22, IP65*

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

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



*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



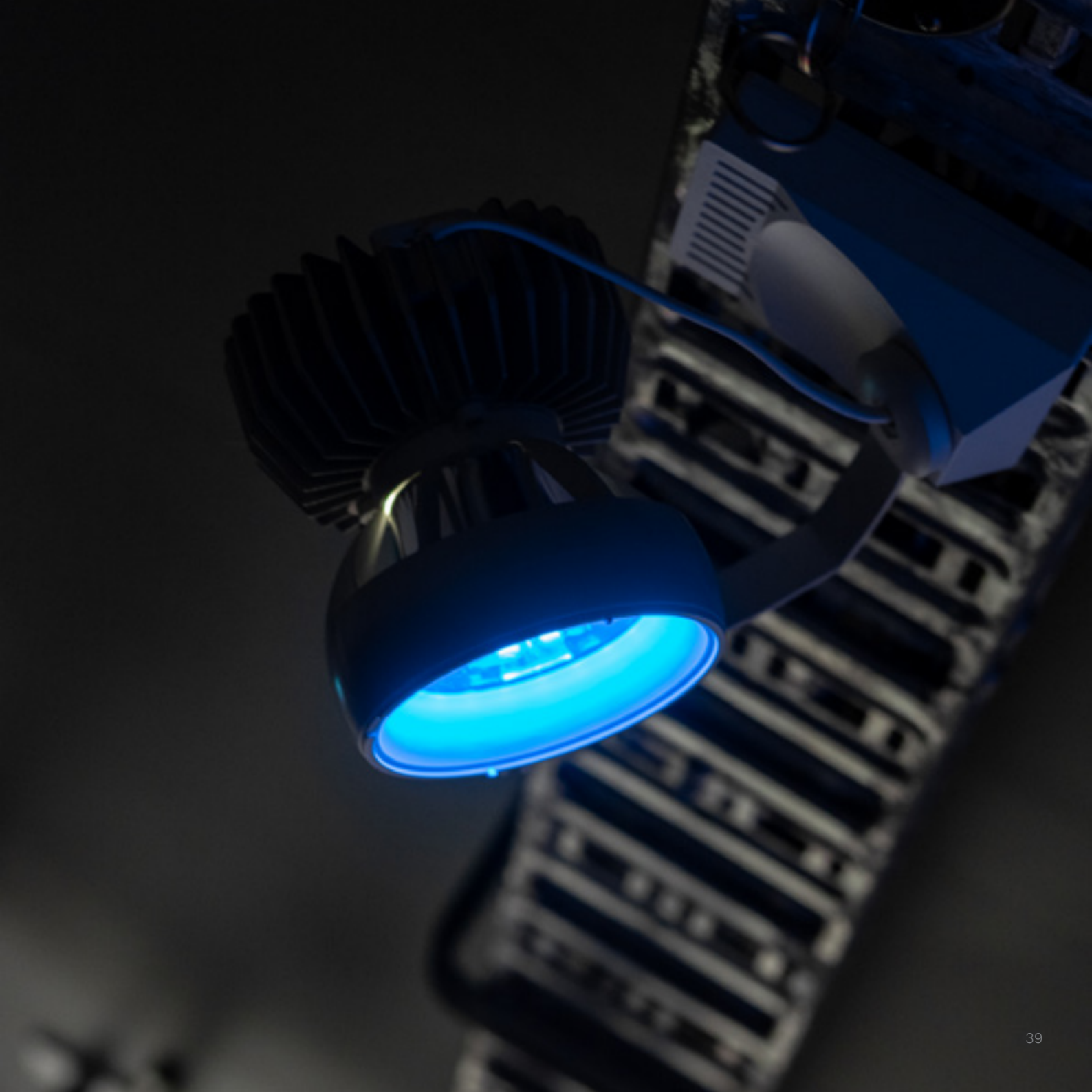
Wide Beam Reflector + Red Lens
70° Beam, IP65*

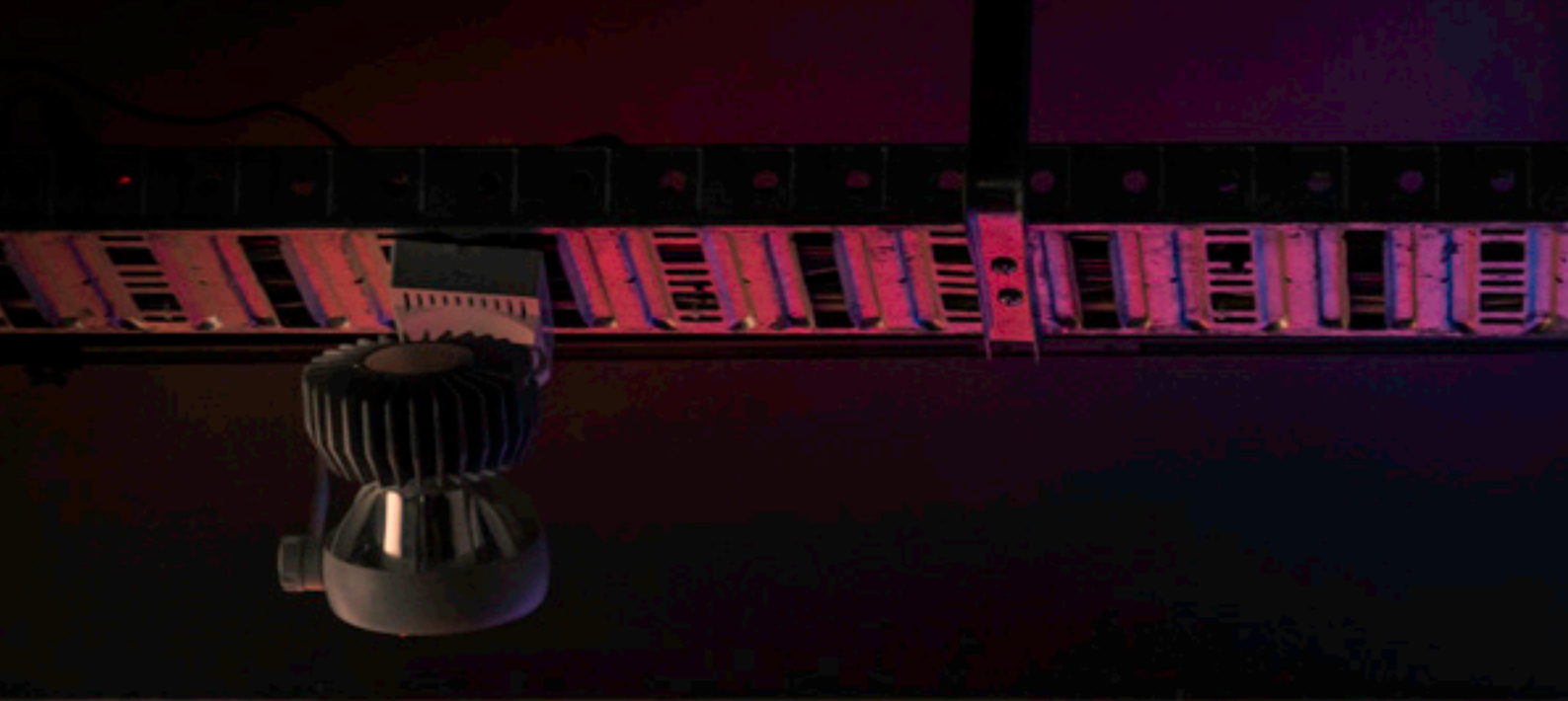
Wide Beam Reflector + Green Lens
70° Beam, IP65*

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



*IP rating from below ceiling.

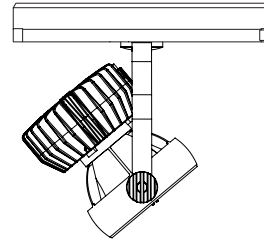






KSP6 TRACK SERIES

SPOTLIGHT



Flush Reflector



Recessed Reflector

Technical Data

- Overall 120mm
- Height 145mm
- Weight 1200g
- LED life @ L90/B10 ≥75000 Hrs
- IEC 60598 - parts 1&2 Complies
- AS/NZS60598 - parts 1&2 Complies
- 270° tilt
- 355° rotation
- Emergency option

SERIES	CRI	OUTPUT	REFLECTOR	CCT	CONTROL	LENSE	COLOUR
KSP6 Track Mounted Spotlight	P CRI 80 R9 15 3 SDCM	2 10W 250mA 1300lm 130lm/W	8FT Wide Beam 70° Flush Reflector	3 3000K	BLANK Non Dim	BLANK No Lense 70° / 30° Beam UGR22, IP44*	W White
	X CRI 90 R9 55 2 SDCM (Cyanosis compliant with 4000K)	3 14W 350mA 1800lm 129lm/W	8RT Wide Beam 70° Recessed Reflector	35 3500K (CRI90 only)	D1 DALI (250-1400mA)	C Clear Lense 70° / 30° Beam UGR22, IP65*	B Black
		5 20W 500mA 2500lm 125lm/W	4FT Narrow Beam 30° Flush Reflector	4 4000K	D3 1-10V (250-1400mA)	D Diffusion Lense 100° Beam UGR22, IP65*	S Special
		7 27W 700mA 3500lm 130m/W	4RT Narrow Beam 30° Recessed Reflector		D4 Phase Cutting (180-1050mA)	P Prismatic Lense 55° Beam UGR16 / UGR19^, IP65*	
		9 35W 900mA 4300lm 123lm/W (CA90)			D6 Push (250-1400mA)	R Red Lense 70° / 30° Beam IP65*	
10 40W 1050mA 5000lm 125lm/W (CA90)					G Green Lense 70° / 30° Beam IP65*		
						B Blue Lense 70° / 30° Beam IP65*	

*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lense, UGR19 capable with Flush Reflector and Prismatic Lense.

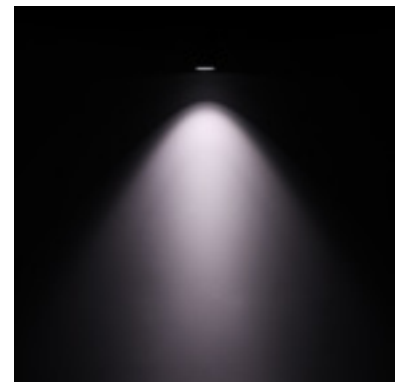
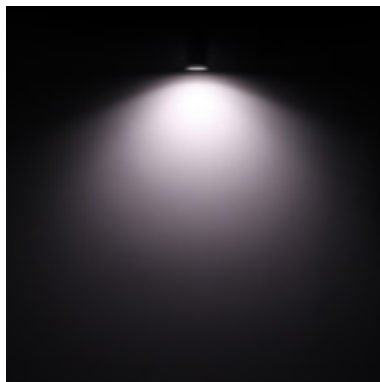
KSP6 TRACK SERIES

Accessories



Wide Beam Reflector
70° Beam, UGR22, IP44*

Narrow Beam Reflector
30° Beam, UGR22, IP44*

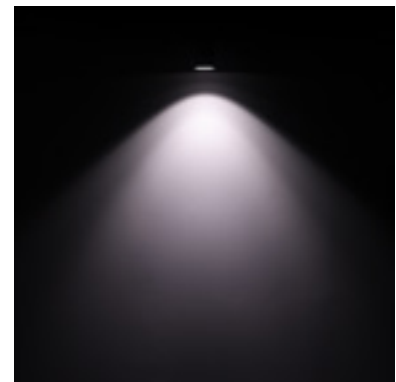
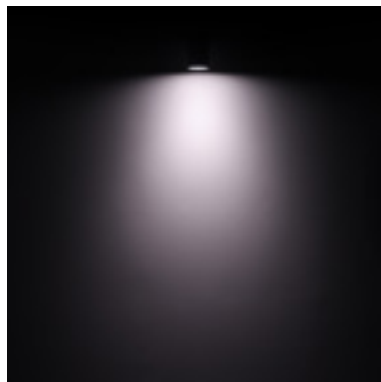
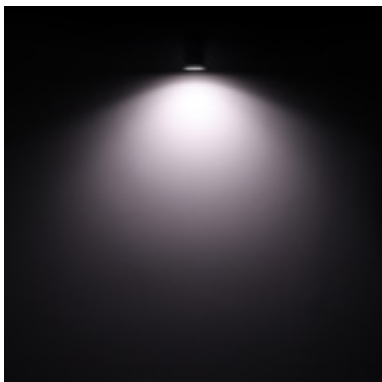




Wide Beam Reflector + Clear Lens
70° Beam, UGR22, IP65*

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

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



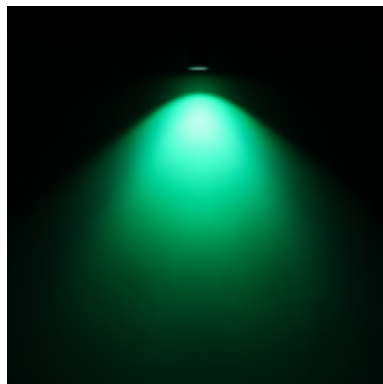
*IP rating from below ceiling. ^UGR16 capable with Recessed Reflector and Prismatic Lens, UGR19 capable with Flush Reflector and Prismatic Lens.



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

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

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



*IP rating from below ceiling.





BY



 **PIERLITE®**

1300 799 300 | pierlite.com.au

Follow us:

