

Downlights

Interior

**B92**

Standard

Dimensions D110 x H34mm**Cut Out** Ø 92mm**Watts** 8W**Lumens** <820lm**Beam** 100°

Specifications

Input	240V AC
Colour Temp	Selectable 3000K, 4000K or 5700K
Lumens	750lm@3000K, 820lm@4000K, 800lm@5700K
CRI	90 (R9 <97)
Lifespan	50,000hrs (L80 B10)
Binning	SDCM 3 @ 3000K/5700K, SDCM 5 @ 4000K
Material	PC, PBT & Aluminium
IP Rating	IP44
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC-F / IC-4
Driver	Included, Remote Under Insulation, 82mA
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



White

Available In

Description	Code
B92 - Standard	
White	B92-W3457K-QC



Base Speed Connection features XL loop in/out push terminals and integrated cable clamp.





R770 Mini Fixed

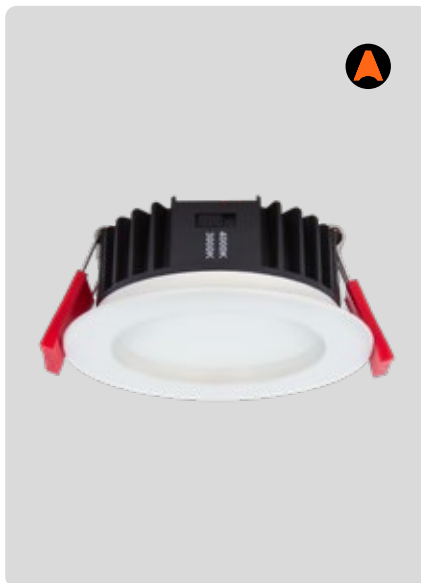
Dimensions D86 x H43mm

Watts 7W

Beam 90°

Cut Out Ø 72mm

Lumens <700lm



R771 Standard Fixed

Dimensions D103 x H43mm

Watts 8W

Beam 90°

Cut Out Ø 92mm

Lumens <950lm



R773 Standard Smart Tilt

Dimensions D103 x H54mm

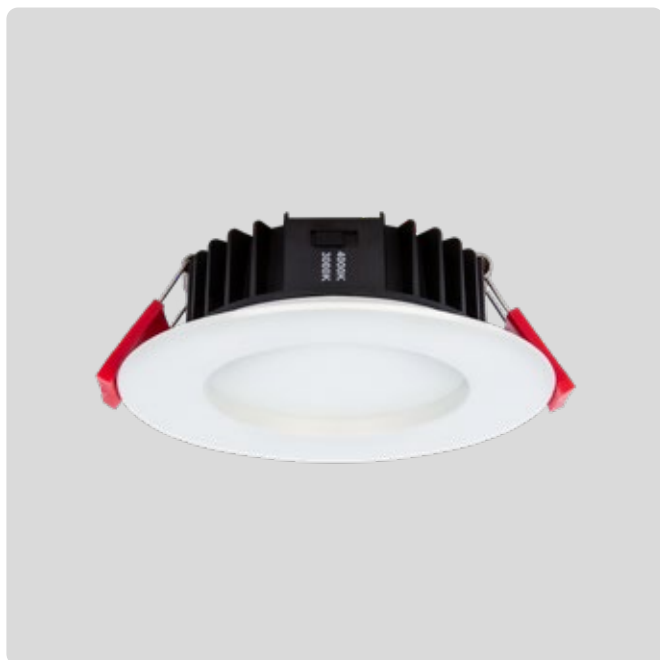
Watts 8W

Beam 90°

Cut Out Ø 92mm

Lumens <850lm

Tilt 25°



R772 Medium Fixed

Dimensions D130 x H43mm

Cut Out Ø 100 - 120mm

Watts 10W

Lumens <1150lm

Beam 90°



R774 Large Fixed

Dimensions D160 x H43mm

Cut Out Ø 145mm

Watts Selectable 9W or 15W

Lumens <1950lm

Beam 100°

Specifications

Input	240V AC
Colour Temp	Selectable 3000K or 4000K. 2700K - 6500K
CRI	90
Lifespan	55,000hrs (L80 B20). Casambi: >60,000hrs (L80 B20).
Binning	SDCM 3
Material	Aluminium, ADC12, PBT, PC
IP Rating	IP44. R773: Patented IP44 smart tilt gasket
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC-F Rated
Driver	R770 R771 R772 R773 R774: Included, DX Series Under Insulation. R771 Casambi: Included, Tunable White Casambi constant current driver (must be installed above insulation).
Dimming/Control	TRIAC Dimmable, Casambi
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Application	Interior, recessed
Warranty	5 Year Warranty

Lumens

	CCT	White	Black
R770	3000K	680lm	570lm
	4000K	700lm	590lm
R771	3000K	850lm	800lm
	4000K	950lm	850lm
R771 Casambi	2700K	800lm	750lm
	6500K	850lm	800lm
R772	3000K	1100lm	950lm
	4000K	1150lm	1000lm
R773	3000K	800lm	700lm
	4000K	850lm	750lm
R774 (9W)	3000K	1050lm	1000lm
	4000K	1100lm	1050lm
R774 (15W)	3000K	1850lm	1650lm
	4000K	1950lm	1750lm



White



Black

Available In

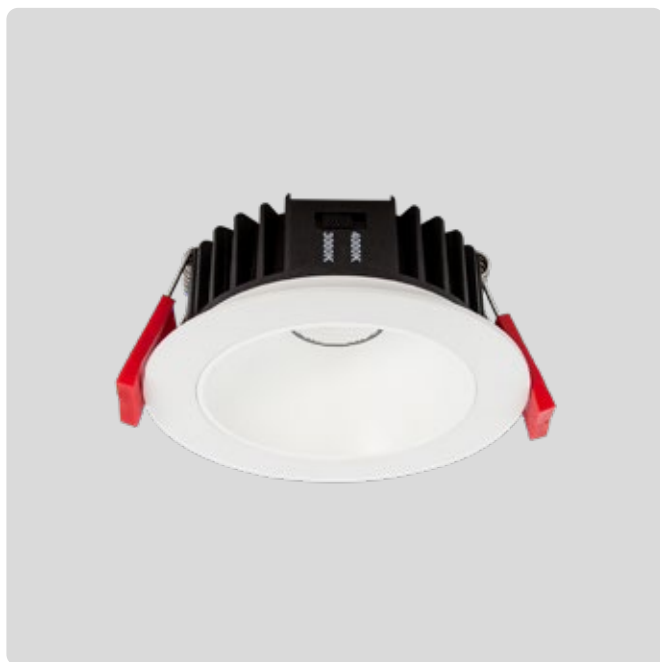
Description	Code
R770 - Mini	
White, 3000K/4000K	R770 W34V3
Black, 3000K/4000K	R770 B34V3
R771 - Standard	
White, 3000K/4000K	R771 W34V3
White, 3000K/4000K 10 pack	R771 W3410V3
Black, 3000K/4000K	R771 B34V3
R772 - Medium	
White, 3000K/4000K	R772 W34V3
Black, 3000K/4000K	R772 B34V3
R773 - Standard Tilt	
White, 3000K/4000K	R773 W34V3
Black, 3000K/4000K	R773 B34V3
R774 - Large	
White, 3000K/4000K "Select" 9W/15W	R774 W34V3
Black, 3000K/4000K "Select" 9W/15W	R774 B34V3
Black, 3000K/4000K 18W fixed wattage, 260mA	R774 B34

CASAMBI

Description	Code
R771 - Standard	
White, 2700K-6500K Tunable White	R771 WCCTCAS
Black, 2700K-6500K Tunable White	R771 BCCTCAS



R771 Casambi Tunable White are pre-wired with GL240 adaptor



R661 Small Fixed

Dimensions D103 x H43mm **Cut Out** Ø 92mm

Watts 8W **Lumens** <850lm

Beam 90°

Specifications

Input	240V AC
Colour Temp	Selectable 3000K or 4000K
Lumens	White: 850lm, Black: 680lm
CRI	90 (R9 <69)
Lifespan	60,000hrs (L80 B10)
Material	Aluminium, PC
IP Rating	IP44
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC-F / IC-4
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



White

Black

Available In

Description	Code
R661 - Small	
White	R661 W34
Black	R661 B34



R570	Internal Tilt
Dimensions D51 x H67mm	Cut Out Ø 47mm
Watts 4W	Lumens 280lm
Beam 24°	Tilt 30°

Specifications

Input	240V AC
Colour Temp	3000K
CRI	90+
Lifespan	50,000hrs (L80 B20)
UGR	Suitable for installations requiring UGR of less than 16.
Binning	SDCM 3
Material	Aluminium
IP Rating	IP21
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC-F / IC-4
Driver	Included, mini, 100mA
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



Available In

Description	Code
R570 - Internal Tilt	
White	R570 W3K
Black	R570 B3K

Installation Tip

Narrow 24° beam is suitable for dramatic highlighting of small artworks and for use above bathroom vanities and bedsides etc.

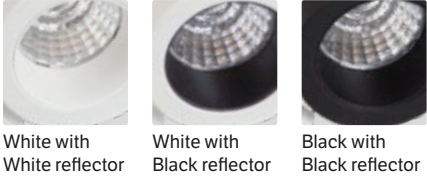


R762 Fixed

Dimensions D64 x H93mm	Cut Out Ø 57mm
Watts 12W	Lumens <750lm
Beam 45°	

Specifications

Input	240V AC
Colour Temp	3000K
Lumens	White reflector: 750lm, Black reflector: 540lm
CRI	90
Lifespan	50,000hrs
Material	Aluminium
IP Rating	IP44
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation, 260mA
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



Available In

Description	Code
R762 - Fixed	
White, White Reflector	R762 WW3UK
Black, Black Reflector	R762 BB3UK
White, Black Reflector	R762 WB3UK



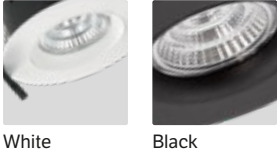
Pictured: R762 Fixed Mini
Downlight White with White Baffle



R827	Shallow
Dimensions D95 x H50mm	Cut Out Ø 83mm
Watts 9W	Lumens 680lm
Beam 40°	Tilt 30° Gimbal 360°

Specifications

Input	240V AC
Colour Temp	3000K
CRI	90 (R9 >69)
Lifespan	50,000hrs (L70 B50)
Material	Aluminium, PC
IP Rating	IP44
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



Available In

Description	Code
R827 - Shallow	
White	R827 W3K
Black	R827 B3K

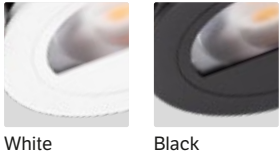




R580	Fixed
Dimensions D90 x H43mm	Cut Out Ø 82mm
Watts 10W	Lumens 700lm
Beam 50° x 35° asymmetric beam	

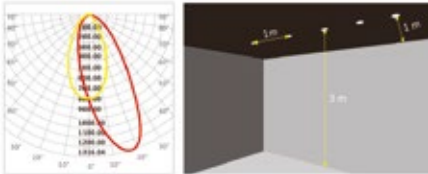
Specifications

Input	240V AC
Colour Temp	3000K
CRI	90+
Lifespan	50,000hrs (L90 B10)
Binning	SDCM 3
Material	Aluminium
IP Rating	IP21
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC-F / IC-4
Driver	Included, DX Series Under Insulation, 260mA
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



Available In

Description	Code
R580 - Fixed	
White	R580 W3K
Black	R580 B3K

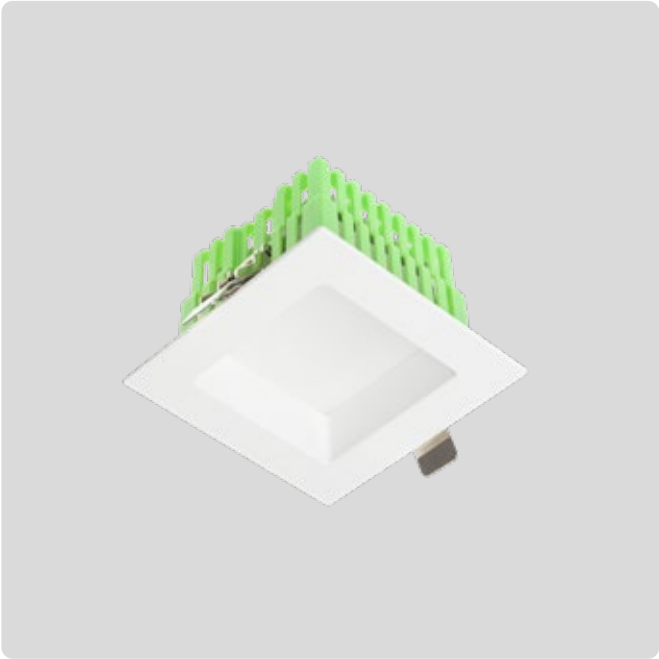


Recommended Spacings

1m from wall / 1m apart for up to 3m wall height



Pictured: M80-T5 & F80-TL-R



R848	Medium
Dimensions L115 x W115 x H73mm	Cut Out 90 x 90mm
Watts 12W	Lumens 900lm
Beam 90°	



R849	Large
Dimensions L150 x W150 x H73mm	Cut Out 125 x 125mm
Watts 20W	Lumens 1600lm
Beam 90°	

Specifications

Input	240V AC
Colour Temp	3000K
CRI	90
Lifespan	50,000hrs
Material	Aluminium
IP Rating	IP54
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



White

Available In

Description	Code
R848 - Medium	
White	R848 KWWUDL
R849 - Large	
White	R849 KWWUDL

**R765** Medium**Dimensions** D120 x H65mm**Watts** 11W**Beam** 90°**Cut Out** Ø 100-110mm**Lumens** <900lm**R600** Large**Dimensions** D150 x H65mm**Watts** 11W**Beam** 90°**Cut Out** Ø 125-135mm**Lumens** <1000lm**R766** Large High Output**Dimensions** D150 x H65mm**Watts** 15W**Beam** 90°**Cut Out** Ø 125-135mm**Lumens** <1350lm**R767** XL**Dimensions** D195 x H79mm**Watts** 21W**Beam** 100°**Cut Out** Ø 170mm**Lumens** <2145lm**R768** XXL**Dimensions** D225 x H78mm**Watts** 34W**Beam** 100°**Cut Out** Ø 195mm**Lumens** <3600lm**R769** XXXL**Dimensions** D260 x H78mm**Watts** 40W**Beam** 110°**Cut Out** Ø 230mm**Lumens** <3850lm

Specifications

Input	240V AC
Colour Temp	Selectable 3000K or 4000K
CRI	90
Lifespan	R765 R600 R766: 50,000hrs R767 R768 R769: 60,000hrs (L80 B10)
Binning	SDCM 3
Material	Aluminium
IP Rating	IP44
Clearance	R765 R600 R766: 25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements. R767: 25mm from heatsink to building elements. R768 R769: 50mm from heatsink to building elements
Classification	R765 R600 R766 R767: IC-F Rated R768 R769: NON IC Rated
Driver	R765 R600 R766 R767: Included, DX Series Under Insulation. R768 R769: Included, dimmable
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Application	Interior, recessed
Complete With	R767 R768 R769: 800mm lead and 2 pin plug
Inrush Current	5A @ 300 μ s
Drivers per MCB	R765 R600 R766: B16=56, C16=118. R767: B16=56, C16=80. R768: B16=56, C16=64. R769: B16=56, C16=57
Warranty	5 Year Warranty

Lumens

	3000K	400K
R765	860lm	900lm
R600	950lm	1000lm
R766	1300lm	1350lm
R767	2025lm	2145lm
R768	3475lm	3600lm
R769	3700lm	3850lm



White



Brushed Chrome

Available In

Description	Code
R765 - Medium	
White	R765 W34
Brushed Chrome	R765 BC34
R600 - Large	
White	R600 W34
R766 - Large High Output	
White	R766 W34
R767 - XL	
White	R767 W34
R768 - XXL	
White	R768 W34
R769 - XXXL	
White	R769 W34

**R692**

Round

Dimensions D96 x H79mm**Cut Out** Ø 82-84mm**Watts** 12W**Lumens** <870lm**Beam** 60°**Tilt** 30°**R677**

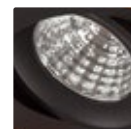
Square

Dimensions L96 x W96 x H79mm**Cut Out** Ø 82-84mm**Watts** 12W**Lumens** <870lm**Beam** 60°**Tilt** 30°**Specifications**

Input	240V AC
Colour Temp	3000K, 4000K or 3000-2000K Sunset Dim
Lumens	830lm @ 3000K, 870lm @ 4000K, 550lm @ 3000-2000K Sunset Dim
CRI	Standard: CRI90. Sunset Dim: CRI95
Lifespan	50,000hrs (L70)
Material	Aluminium and Patented PC Heat Shield
IP Rating	IP44 (Patented IP44 tilt gasket)
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, Under Insulation Go Link 260mA Driver features power indicator safety light
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



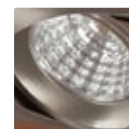
White



Black



Silver



Brushed Chrome

Available In

Description	White	Black	Silver	Brushed Chrome
R692 - Round				
3000K	R692 W3K	R692 B3K	R692 S3K	R692 BC3K
4000K	R692 W4K	R692 B4K	-	-
3K-2K Sunset Dim	R692 W32K	-	-	-
R677 - Square				
3000K	R677 W3K	R677 B3K	R677 S3K	R677 BC3K
4000K	R677 W4K	-	-	-



Pictured: R692
TopMark Electrical.
Photographer: Marcel Thiele





R692	Tilt
Dimensions D104 x H81mm	Cut Out Ø 82mm
Watts 9.5W	Lumens <800lm
Beam 60°	Tilt 30°

Specifications

Input	240V AC
Colour Temp	3000K or 4000K
Lumens	770lm @ 3000K, 800lm @ 4000K
IP Rating	IP54
CRI	90
Lifespan	50,000hrs
Binning	SDCM 3
Material	Steel, ADC12, Silica, Fireproof graphite
Classification	IC-F
Driver	Included, DX Series Under Insulation, 230mA
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior only, suitable for new applications.
Warranty	5 Year Warranty



White

Available In

Description	Code
R692 - Tilt Fire Rated	
White 3000K	R692 W3KFR
White 4000K	R692 W4KFR



Fire rating of building materials and structures.

Recessed luminaire has been tested in NZ in accordance with building materials and structures test standard AS 1530.4:2014 and has achieved a **60 minute** fire resistance pass result **if this luminaire is installed in a building with materials and structures the same as (or superior to) those described in test report.**



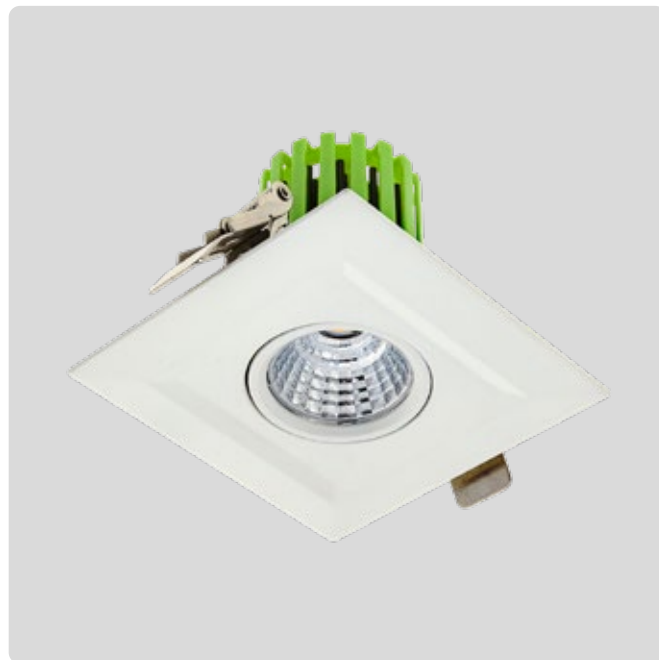
See online/installation instructions for BRANZ Technical Opinion Summary. Report Number FC14036-001 Issue 1.



Pictured: R737 KWWUDL Complete with
R737 CPW 155mm Conversion Plate

**R737**

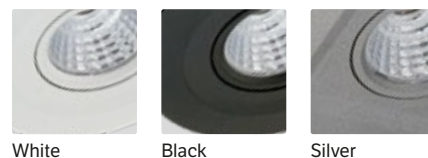
Round

Dimensions D105 x H80mm**Cut Out** Ø 82mm**Watts** 12W**Lumens** <950lm**Beam** 60°**Tilt** 30°**R738**

Square

Dimensions L105 x W105 x H80mm**Cut Out** Ø 82mm**Watts** 12W**Lumens** 880lm**Beam** 60°**Tilt** 30°**Specifications**

Input	240V AC
Colour Temp	3000K or 4000K
Lumens	880lm @ 3000K, 950lm @ 4000K
CRI	90
Lifespan	50,000hrs
Binning	SDCM 3
Material	Aluminium and Patented PC Heat Shield
IP Rating	IP44. Patented IP44 tilt gasket.
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation, 260mA
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year warranty



White

Black

Silver

Available In

Description	Code
R737 - Round	
White 3000K	R737 KWWUDL
White 4000K	R737 KWNUDL
Black 3000K	R737-B3K
R738 - Square	
White 3000K	R738 KWWUDL
Silver 3000K	R738 KSWUDL

Accessories

Description	Code
R737 - Round	
155mm Conversion Plate White	R737 CPW





R730 R731	Small
Dimensions D93 x H104mm	Cut Out Ø 72-82mm
Watts 9.5W	Lumens <930lm
Beam 50° or 90°	



R610 R611	Medium
Dimensions D126 x H95mm	Cut Out Ø 100-110mm
Watts 12W	Lumens <950lm
Beam 50° or 90°	



R602 R603	Large Selectable Wattage
Dimensions D150 x H130mm	Cut Out Ø 130-140mm
Watts Selectable	Lumens <1870lm
Beam 60° or 90°	

Specifications

Watts	R602: Selectable 11W, 15W or 19W R603: Selectable 8.5W, 11W, 14.5W or 19W R730: 9.5W, Casambi: 10.5W
Input	240V AC
Colour Temp	2700K, 3000K, 4000K, 2700K-6500K
CRI	90
Lifespan	R731 R611 R602 R603: 60,000 hours (L80 B10). R730 R610: 60,000hrs (L80 B30). Casambi: 55,000hrs (L80 B10).
Beam	R730: 50°, R731: 90°, R610: 50°, R611: 90°, R602: 60°, R603: 90°.
Binning	SDCM 3
Material	Aluminium, PC and PMMA
IP Rating	IP54
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC-F / IC-4
Driver	R730 R731 R610 R611 R602 R603: Included, DX Series Under Insulation. R730 Casambi: Included, Tunable White Casambi constant current driver (must be installed above insulation).
Dimming/Control	TRIAC Dimmable, Casambi
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty

Lumens

	White	Black
R730	<920lm	<860lm
R730 Casambi	<880lm	<820lm
R731	<930lm	<630lm
R610	950lm	935lm
R611	950lm	645lm
R602	<1010lm@11W <1360lm@15W <1870lm@19W	<960lm@11W <1290lm@15W <1770lm@19W
R603	<790lm@8.5W <1070lm@11W <1300lm@14.5W <1730lm@19W	<540lm@8.5W <725lm@11W <930lm@14.5W <1175lm@19W



White



Black

Available In

Description	Code
R730 - Small 50°	
White 2700K	R730 W27K
White 3000K	R730 W3K
White 4000K	R730 W4K
Black 2700K	R730 B27K
Black 3000K	R730 B3K
Black 4000K	R730 B4K
R731 - Small 90°	
White 2700K	R731 W27K
White 3000K	R731 W3K
White 4000K	R731 W4K
Black 2700K	R731 B27K
Black 3000K	R731 B3K
Black 4000K	R731 B4K
R610 - Medium 50°	
White 3000K	R610 W3K
Black 3000K	R610 B3K
R611 - Medium 90°	
White 3000K	R611 W3K
Black 3000K	R611 B3K
R602 - Large 60°	
White 3000K	R602 W3KA
White 4000K	R602 W4KA
Black 3000K	R602 B3KA
Black 4000K	R602 B4KA
R603 - Large 90°	
White 3000K	R603 W3K
White 4000K	R603 W4K
Black 3000K	R603 B3K
Black 4000K	R603 B4K

CASAMBI

Description	Code
R730 - Casambi Small 50°	
White, 2700K-6500K Tunable White	R730 WCCTCAS
Black, 2700K-6500K Tunable White	R730 BCCTCAS



R602, R603 and R730 Casambi Tunable White are pre-wired with GL240 adaptor



50°/60° Standard beam with optic lens



90° Wide beam with opal diffuser



R750		Smart Tilt	
Dimensions D100 x H101mm		Cut Out Ø 85-92mm	
Watts 9.5W. Casambi: 10.5W		Lumens <880lm	
Beam 50°		Tilt 32°	

Specifications

Input	240V AC
Cut Out	Ø 85-92mm. (R750 WCCTCAS: Ø92mm)
Colour Temp	2700K, 3000K, 4000K or 2700K-6500K
CRI	90
Lifespan	60,000hrs (L80 B30). Casambi: 55,000hrs (L80 B10).
Binning	SDCM 3
Material	Aluminium, PC
IP Rating	IP54. Complete with patented tilt gasket.
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC-F / IC-4
Driver	Included, DX Series Under Insulation. Casambi: Included, Tunable White Casambi constant current driver (must be installed above insulation).
Dimming/Control	TRIAC Dimmable, Casambi
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty

Lumens

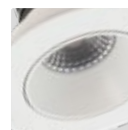
	White	Black
R750	<880lm	<850lm
R750 Casambi	<880lm	<820lm

Accessories

Description	Code
White Flush fit adaptor plate kit for 100-135mm cut outs (145mm OD)	R750-W-AP145
Black Flush fit adaptor plate kit for 100-135mm cut outs (145mm OD)	R750-B-AP145



R750 Casambi Tunable White are pre-wired with GL240 adaptor



White



Black

Available In

Description	Code
R750 - Tilt	
White 2700K	R750 W27K2
White 3000K	R750 W3K2
White 4000K	R750 W4K2
Black 2700K	R750 B27K2
Black 3000K	R750 B3K2
Black 4000K	R750 B4K2

CASAMBI

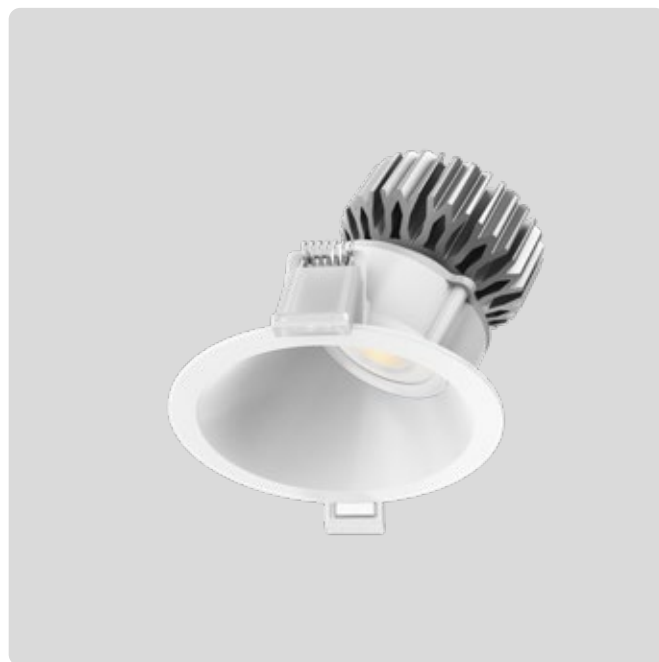
Description	Code
R750 - Tilt Casambi	
White, 2700K-6500K Tunable White (92mm cut out)	R750 WCCTCAS
Black, 2700K-6500K Tunable White	R750 BCCTCAS2



**R100**

Standard

Dimensions D108 x H86mm	Cut Out Ø 92mm
Watts Selectable 9W or 13W	Lumens <1150lm
Beam 60° or 36°	Tilt 20° Rotate 360°

**R102**

Offset

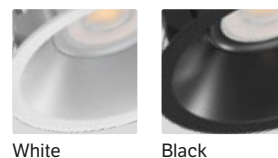
Dimensions D100 x H101mm	Cut Out Ø 92mm
Watts Selectable 9W or 13W	Lumens <1150lm
Beam 60° or 36°	Tilt 20° Rotate 360° Offset 25°

Specifications

Input	240V AC
Colour Temp	Selectable 3000K or 4000K
CRI	90
Lifespan	60,000hrs (L80 B30)
Binning	SDCM 3
Material	Aluminium, PC
IP Rating	IP44
Clearance	IC-F / IC-4
Classification	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Driver	Included, DX Series Under Insulation.
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty

Lumens

	CCT	9W	13W
R100 R102	3000K	<780lm	<1090lm
	4000K	<800lm	<1150lm



White

Black

Available In

Description	Code
R100 - Standard	
White, 60°	R100-W34KA-D-60D
White, 36°	R100-W34KA-D-36D
Black, 60°	R100-B34KA-D-60D
Black, 36°	R100-B34KA-D-36D
R102 - Offset	
White, 60°	R102-W34KA-D-60D
White, 36°	R102-W34KA-D-36D
Black, 60°	R102-B34KA-D-60D
Black, 36°	R102-B34KA-D-36D



Pre-wired with GL240 adaptor



R746	Fixed
Dimensions D90 x H86mm	Cut Out Ø 70-80mm
Watts 12W	Lumens 880lm
Beam 60°	



R747	Tilt
Dimensions D100 x H89mm	Cut Out Ø 80-90mm
Watts 12W	Lumens 880lm
Beam 60°	Tilt 30°

Specifications

Input	240V AC
Colour Temp	3000K
CRI	90
Lifespan	50,000hrs (L70)
Binning	SDCM 3
Material	Aluminium, PC. Patented PC heat shield
IP Rating	IP44. R747: Patented IP44 tilt gasket.
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, Under Insulation Go Link 260mA Driver features power indicator safety light
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



White

Available In

Description	Code
R746 - Fixed	
White	R746 W3K
R747 - Tilt	
White	R747 W3K



R693	Tilt/Rotate
Dimensions D105 x H60mm	Cut Out Ø 93mm
Watts 9.5W	Lumens 670lm
Beam 60°	Tilt 90° Gimbal 360°

Specifications

Input	240V AC
Colour Temp	3000K
CRI	90 (R9 >64.8)
Lifespan	40,000hrs
Binning	SDCM 3
Material	Aluminium
IP Rating	IP20
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Application	Interior, recessed
Warranty	5 Year Warranty



White

Available In

Description	Code
R693 - Tilt/Rotate	
White	R693 KWWUDL



Ideal for illuminating paintings.

Mini 3.25W version available R674, see page 29.



**R852**

Large

Dimensions D138 x H105mm**Cut Out** Ø 125mm**Watts** <17W**Lumens** <2500lm**Beam** 70°**R853**

X-Large

Dimensions D165 x H137mm**Cut Out** Ø 150mm**Watts** <23.8W**Lumens** <3450lm**Beam** 70°**R854**

XX-Large

Dimensions D200 x H145mm**Cut Out** Ø 175mm**Watts** <31.5W**Lumens** <4100lm**Beam** 70°

Specifications

Input	R852 V2: 500mA DC Constant Current R853 V2: 700mA DC Constant Current R854 V2: 900mA DC Constant Current
Colour Temp	3000K or 4000K
Lumens	R852 V2: 2400lm @ 3000K, 2500lm @ 4000K R853 V2: 3300lm @ 3000K, 3450lm @ 4000K R854 V2: 4100lm @ 4000K
CRI	90
Lifespan	>83,000hrs (L80 B50)
Binning	SDCM 3
Material	Aluminium
IP Rating	IP54
Clearance	50mm from rear of heatsink to building elements
Classification	NON IC Rated
Driver	Sold separately
Dimming/Control	Dimmable
Application	Interior, recessed
Warranty	5 Year Warranty



White

Available In

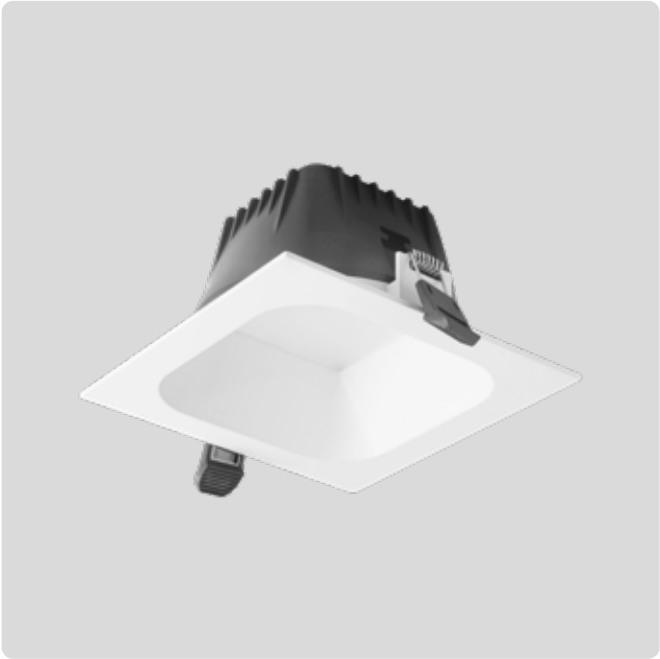
Description	Code
R852 V2 - Large	
White 3000K	R852 WWLV2
White 4000K	R852 WNLV2
R853 V2 - X-Large	
White 3000K (Indent only)	R853 WWLV2
White 4000K	R853 WNLV2
R854 V2 - XX-Large	
White 4000K	R854 WNLV2

Accessories

Description	Code
R852	
20° Reflector	R852 20
40° Reflector	R852 40
R853/R854	
12° Reflector	R853 12
20° Reflector	R853 20
40° Reflector	R853 40



R741	Small
Dimensions L100 x W100 x D52mm	Cut Out Ø90mm
Watts 10W	Lumens <1190lm
Beam 75°	



R742	Medium
Dimensions L160 x W160 x H85mm	Cut Out Ø150mm
Watts 17W	Lumens <2090lm
Beam 70°	



R743	Large
Dimensions L212 x W212 x H120mm	Cut Out Ø200mm
Watts 26W	Lumens <3030lm
Beam 70°	

Specifications

Input	R741: 240V AC R742: 500mA DC Constant Current* R743: 700mA DC Constant Current**
Colour Temp	Selectable 3000K or 4000K
Lumens	R741: 1125lm @ 3000K, 1190lm @ 4000K R742: 2010lm @ 3000K, 2090lm @ 4000K R743: 2900lm @ 3000K, 3030lm @ 4000K
CRI	90
Lifespan	R741: 60,000hrs (L80 B50) R742 R743: 50,000hrs (L80 B50)
Binning	SDCM 3
Cut Off Angle	R741 R742: 20°. R743: 15°
Material	Aluminium
IP Rating	IP54
Clearance	R741: 25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements. R742 R743: 25mm from heatsink to building elements
Classification	IC Rated
Driver	R741: Included, DX Series Under Insulation. R742 R743: Sold separately
Dimming/Control	Dimmable
TLAs	R741: "Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Application	Interior, recessed
Warranty	5 Year Warranty



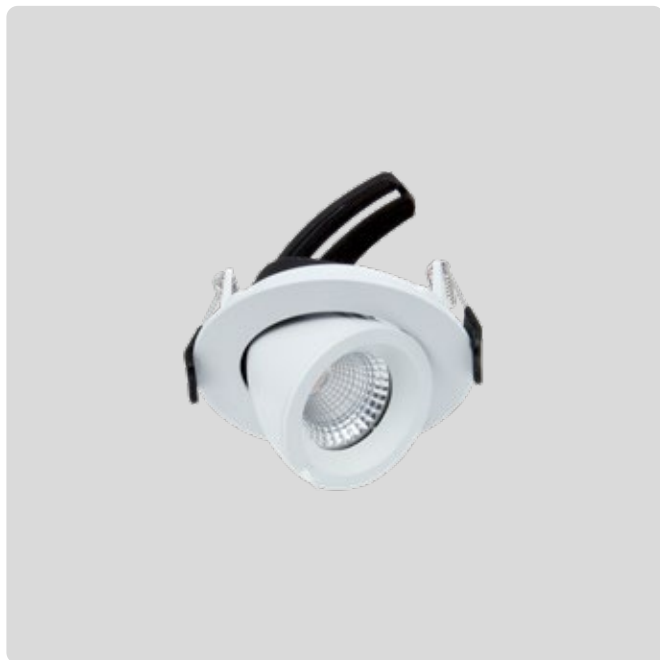
White

Available In

Description	Code
R741 - Small	
White	R741 W34
R742 - Medium	
White	R742 W34
R743 - Large	
White	R743 W34

*The R742 can be run at 350mA. When run at 350mA, the wattage and output decrease to 12W/3000K 1500lm or 4000K 1550lm.

**The R743 can be run at 500mA. When run at 500mA, the wattage and output decrease to 18.5W/3000K 2230lm or 4000K 2320lm.

**R865**

Mini

Dimensions D85 x H63mm**Cut Out** Ø 75mm**Watts** 6W**Lumens** 800lm**Beam** 50°**Tilt** -15° to 45° / **Rotate** 355°**R867**

Medium

Dimensions D112 x H88mm**Cut Out** Ø 100mm**Watts** 9W**Lumens** <1250lm**Beam** 50°**Tilt** -15° to 45° / **Rotate** 355°**R868**

Large

Dimensions D162 x H138mm**Cut Out** Ø 150mm**Watts** 17W**Lumens** <2500lm**Beam** 70°**Tilt** -15° to 45° / **Rotate** 355°**R870**

X-Large

Dimensions D188 x H165mm**Cut Out** Ø 175mm**Watts** 32W**Lumens** <3950lm**Beam** 70°**Tilt** -15° to 45° / **Rotate** 355°

Specifications

Input	R865 V2: 350mA DC Constant Current R867 V2: 260mA DC Constant Current R868 V2: 500mA DC Constant Current R870 V2: 900mA DC Constant Current
Colour Temp	3000K or 4000K
Lumens	R865 V2: 800lm @ 3000K R867 V2: 1200lm @ 3000K, 1250lm @ 4000K R868 V2: 2400lm @ 3000K, 2500lm @ 4000K R870 V2: 3800lm @ 3000K, 3950lm @ 4000K
CRI	90
Lifespan	>83,000hrs (L80 B50)
Binning	SDCM 3
Material	Aluminium
Clearance	R865 R867: 25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements. R868 R870: 50mm from rear of heatsink to building elements.
Classification	R865 R867: IC rated when installed in external tilt position only (see diagram 3). Do not cover with insulation if the luminaire is not tilted at all or is being tilted internally (see diagrams 1&2). If installed as per diagrams 1 or 2 treat as CA135 and abut insulation only. R868 R870: NON IC Rated
Driver	Sold separately
Dimming/Control	Dimmable
Application	Interior, recessed
Warranty	5 Year Warranty



White



Black

Available In

Description	Code
R865 V2 - Mini	
White 3000K	R865-W3K-50D
Black 3000K	R865-B3K-50D
R867 V2 - Medium	
White 3000K	R867-W3K-50D
White 4000K	R867-W4K-50D
Black 3000K	R867-B3K-50D
Black 4000K	R867-B4K-50D
R868 V2 - Large	
White 3000K	R868-W3K-70D
White 4000K	R868-W4K-70D
Black 4000K	R868-B4K-70D
R870 V2 - X-Large	
White 3000K	R870-W3K-70D
White 4000K	R870-W4K-70D



1.



2.



3.

Accessories

Description	Code
R865	
24° Reflector	R865 24
36° Reflector	R865 36
R867	
20° Reflector	R867 20
R868	
20° Reflector	R835 20
40° Reflector	R835 40
R870	
20° Reflector	R853 20
40° Reflector	R853 40



**R530**

Fixed

Dimensions D80mm x H89mm**Cut Out** Ø 75mm**Watts** 11W**Lumens** 922lm**Beam** 50°**Specifications**

Input	240V AC
Colour Temp	3000K
CRI	97
Lifespan	>55,000hrs (L90 B20)
Binning	SDCM 3
Material	Aluminium, anti-glare optic glass
IP Rating	IP44
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Installation	Cut holes with extra caution (5mm rim)
Application	Interior, recessed
Warranty	5 Year Warranty



White



Black

Available In

Description	Code
R530 - Fixed	
White	R530 W3K
Black	R530 B3K

Colour Parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
3000K	97.5	96.8	94.9	101.7

Intensity 3000K, White reflector

At 2m	329 lux / 1.9m beam width
At 3m	146 lux / 2.8m beam width
At 4m	82 lux / 3.7m beam width



R534	Mini
Dimensions D46 x H105mm	Cut Out Ø 40mm
Watts Selectable 4.3W, 5.4W, 6.5W or 8W	Lumens <580lm
Beam 24°	



R535	Small
Dimensions D66 x H72mm	Cut Out Ø 60mm
Watts 11W	Lumens <760lm
Beam 40°	



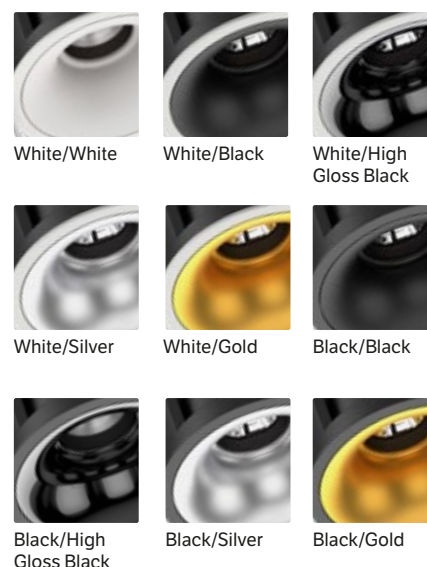
R536	Medium
Dimensions D83 x H85mm	Cut Out Ø 76mm
Watts 14W	Lumens <1065lm
Beam 40°	



R537	Large
Dimensions D106 x H110mm	Cut Out Ø 100mm
Watts 20W	Lumens <1480lm
Beam 40°	

**Specifications**

Input	240V AC
Colour Temp	3000K
CRI	CRI97
Lifespan	105,000hrs (L90 B10)
Binning	SDCM 2
Material	Aluminium, glass
IP Rating	IP43
Clearance	R534 R535 R536: 25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements. R537: 25mm from heatsink to building elements.
Classification	IC Rated
Driver	Included
Dimming/Control	TRIAC Dimmable (Dali and Casambi available on request)
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Installation	Slim trim, cut holes with extra care
Application	Interior, recessed
Warranty	5 Year Warranty

**Colour Parameters**

Model	CRI	CRI R9	TM30 Rf	TM30 Rg
R534	98.0	99.1	95.3	102.7
R535	97.5	95.7	94.6	102.6
R536	97.8	97.9	94.4	102.9
R537	97.8	97.5	94.7	102.8

Lumens

		White	Gold	Silver	Black	High Gloss Black
R534	@4.3W/120mA	350lm	330lm	335lm	320lm	330lm
	@5.4W/150mA	435lm	410lm	420lm	400lm	410lm
	@6.5W/180mA	520lm	495lm	505lm	475lm	495lm
	@7.2W/200mA	580lm	550lm	560lm	530lm	550lm
R535		760lm	740lm	770lm	725lm	750lm
R536		1065lm	1025lm	1065lm	1000lm	1040lm
R537		1480lm	1450lm	1520lm	1345lm	1340lm

Intensity

(3000K, White reflector)

Model	At 2m	At 3m	At 4m
R534	529 lux / 1m beam width	235 lux / 1.4m beam width	132 lux / 2.4m beam width
R535	336 lux / 1.7m beam width	149 lux / 2.5m beam width	84 lux / 4.2m beam width
R536	433 lux / 1.6m beam width	193 lux / 2.5m beam width	108 lux / 4.1m beam width
R537	560 lux / 1.8m beam width	249 lux / 2.7m beam width	140 lux / 4.6m beam width

Available In

Model	-	Trim Colour	Reflector Colour	CCT	-	Dimming	-	Beam
R534	-	W (White), B (Black)	W (White), B (Black), HGB (High Gloss Black), S (Silver), G (Gold)	3K	-	D (Dimmable)	-	24D
R535	-	W (White), B (Black)	W (White), B (Black), HGB (High Gloss Black), S (Silver), G (Gold)	3K	-	D (Dimmable)	-	40D
R536	-	W (White), B (Black)	W (White), B (Black), HGB (High Gloss Black), S (Silver), G (Gold)	3K	-	D (Dimmable)	-	40D
R537	-	W (White), B (Black)	W (White), B (Black), HGB (High Gloss Black), S (Silver), G (Gold)	3K	-	D (Dimmable)	-	40D

Example code = R535-BS3K-D-40D

(11W, Small Fixed, Round, Black trim, Silver reflector, dimmable, 3000K, 40° beam).



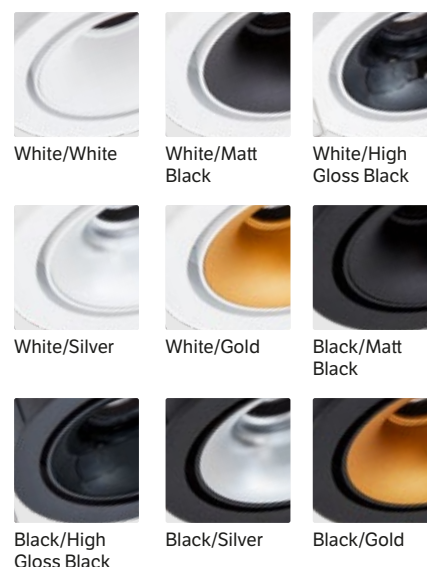
R544	Small
Dimensions D86 x H66mm	Cut Out Ø 80mm
Watts 11W	Lumens 740lm
Beam 40°	Tilt 25° Rotate 355°



R545	Medium
Dimensions D105 x H82mm	Cut Out Ø 100mm
Watts 14W	Lumens 1000lm
Beam 40°	Tilt 32° Rotate 355°

**Specifications**

Input	240V AC
Colour Temp	3000K
CRI	97+
Lifespan	>55,000hrs (L90 B20)
Binning	SDCM 3
Material	Aluminium
IP Rating	IP20
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Installation	Cut holes with extra caution
Application	Interior, recessed
Warranty	5 Year Warranty

**Colour Parameters**

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
R544	3000K	98.3	97.2	94.5	101.1
R545	3000K	97.3	99.2	95.0	102.4

Intensity

(3000K, White reflector)

Model	At 2m	At 3m	At 4m
R544	325 lux / 1.6m beam width	145 lux / 2.4m beam width	81 lux / 3.2m beam width
R545	472 lux / 1.6m beam width	210 lux / 2.3m beam width	118 lux / 3.1m beam width

Available In

Model	□	Rim Colour	Reflector Colour	Colour Temp
R544 = Small R545 = Medium	■	W = White B = Black	W = White B = High Gloss Black MB = Matt Black G = Gold S = Silver	3K = 3000K

Example code = R544 WG3K
(11W, Small, Round, White rim, Gold reflector, 3000K).



R540	Mini
Dimensions L44 x W44 x H70mm	Cut Out Ø 40mm
Watts 3W	Lumens 152lm
Beam 18°	



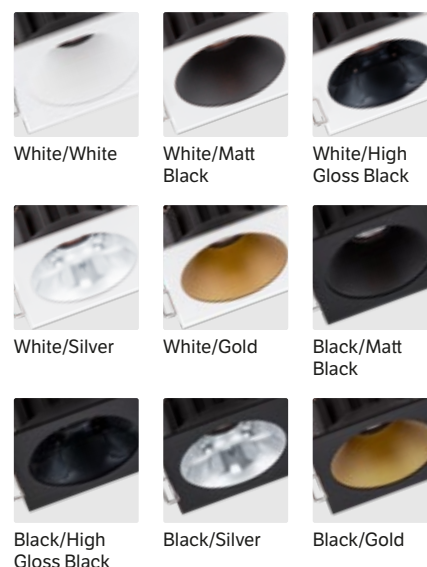
R541	Small
Dimensions L65 x W65 x H72mm	Cut Out Ø 60mm
Watts 11W	Lumens <685lm
Beam 60°	



R542	Medium
Dimensions L85 x W85 x H94mm	Cut Out Ø 76mm
Watts 14W	Lumens <1090lm
Beam 45°	

**Specifications**

Input	240V AC
Colour Temp	3000K
CRI	R540: CRI93, R541 R542: CRI97+
Lifespan	R540: >60,000hrs (L90), R541 R542: >55,000hrs (L90 B20)
Binning	SDCM 3
Material	Aluminium
IP Rating	IP44
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	R540: Included, mini, 700mA. R541 R542: Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Installation	Cut holes with extra caution
Application	Interior, recessed
Warranty	5 Year Warranty

**Lumens**

	White	Gold	Silver	Matt Black	High Gloss Black
R540	152lm	152lm	152lm	152lm	152lm
R541	685lm	660lm	685lm	660lm	660lm
R542	1090lm	810lm	1000lm	865lm	890lm

Colour Parameters

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
R540	3000K	92.6	59.7	91.0	99.8
R541	3000K	98.2	95	94.4	100.9
R542	3000K	97.8	98.3	94.8	102.2

Intensity

(3000K, White reflector)

Model	At 2m	At 3m	At 4m
R540	233 lux / 0.7m beam width	104 lux / 1.1m beam width	58 lux / 1.5m beam width
R541	311 lux / 1.6m beam width	138 lux / 2.5m beam width	78 lux / 3.3m beam width
R542	460 lux / 1.6m beam width	205 lux / 2.5m beam width	115 lux / 3.3m beam width

Available In

Model	□	Rim Colour	Reflector Colour	Colour Temp
R540 = Mini R541 = Small R542 = Medium	■	W = White B = Black	W = White B = High Gloss Black MB = Matt Black G = Gold S = Silver	3K = 3000K

Example code = **R540 WG3K**
(3W, Mini, Square, White rim, Gold reflector, 3000K).



R550	Small
Dimensions L86 x W86 x H66mm	Cut Out Ø 80mm
Watts 11W	Lumens 740lm
Beam 40°	Tilt 25° Rotate 355°



R551	Small Double
Dimensions L170 x W86 x H65mm	Cut Out 165 x 80mm
Watts 2x 11W	Lumens 2x 740lm
Beam 40°	Tilt 25° Rotate 355°



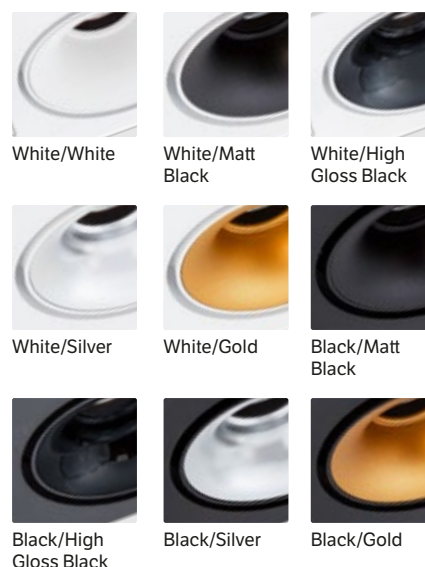
R553	Medium
Dimensions L105 x W105 x H82mm	Cut Out Ø 100mm
Watts 14W	Lumens 1000lm
Beam 40°	Tilt 32° Rotate 355°



R554	Medium Double
Dimensions L215 x W105 x H82mm	Cut Out 205 x 100mm
Watts 2x 14W	Lumens 2x 1000lm
Beam 40°	Tilt 32° Rotate 355°

**Specifications**

Input	240V AC
Colour Temp	3000K
CRI	97+
Lifespan	>55,000hrs (L90 B20)
Binning	SDCM 3
Material	Aluminium, anti glare optic glass
IP Rating	IP20
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Installation	Cut holes with extra caution
Application	Interior, recessed
Warranty	5 Year Warranty

**Colour Parameters**

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
R550	3000K	98.3	97.2	94.5	101.1
R551	3000K	98.2	96.9	94.6	101.1
R553	3000K	97.3	99.2	95.0	102.4
R554	3000K	97.7	97.7	95.2	101.8

Intensity

(3000K, White reflector)

Model	At 2m	At 3m	At 4m
R550	325 lux / 1.6m beam width	145 lux / 2.4m beam width	81 lux / 3.2m beam width
R551	665 lux / 1.6m beam width	296 lux / 2.4m beam width	166 lux / 3.2m beam width
R553	472 lux / 1.6m beam width	210 lux / 2.3m beam width	118 lux / 3.1m beam width
R554	952 lux / 1.6m beam width	423 lux / 2.3m beam width	238 lux / 3.1m beam width

Available In

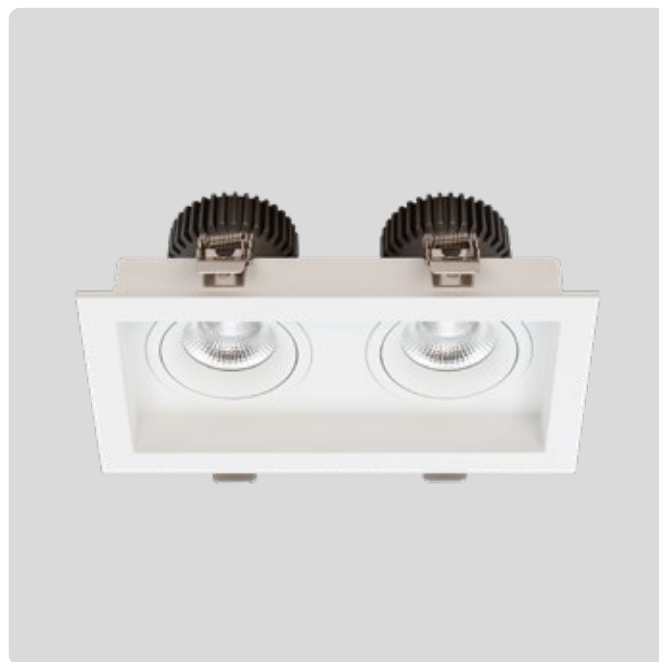
Model	□	Rim Colour	Reflector Colour	Colour Temp
R550 = Small R551 = Small Double R553 = Medium R554 = Medium Double	■	W = White B = Black	W = White B = High Gloss Black MB = Matt Black G = Gold S = Silver	3K = 3000K

Example code = R550 WG3K
(11W, Small, Square, White rim, Gold reflector, 3000K).



R511 Single

Dimensions L115 x W115 x H95mm	Cut Out L95 x W95mm
Watts 11W	Lumens 983lm
Beam 50°	Tilt 30° Rotate 358°



R512 Double

Dimensions L210 x W115 x H95mm	Cut Out L190 x W95mm
Watts 2x 11W	Lumens 1923lm
Beam 2x 50°	Tilt 30° Rotate 358°

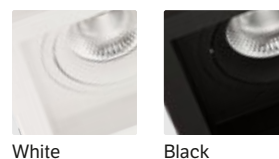


R513 Triple

Dimensions L300 x W115 x H95mm	Cut Out L280 x W95mm
Watts 3x 11W	Lumens 2730lm
Beam 3x 50°	Tilt 30° Rotate 358°

Specifications

Input	240V AC
Colour Temp	3000K
CRI	97
Lifespan	>55,000hrs (L90 B20)
Binning	SDCM 3
Material	Aluminium, anti glare optic glass
IP Rating	IP43
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Application	Interior, recessed
Warranty	5 Year warranty



White

Black

Available In

Description	Code
R511 - Single	
White	R511 W3K
Black	R511 B3K
R512 - Double	
White	R512 W3K
Black	R512 B3K
R513 - Triple	
White	R513 W3K
Black	R513 B3K

Colour Parameters

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
R511	3000K	97.1	95.6	95.0	101.6
R512	3000K	97.3	95.8	94.9	101.5
R513	3000K	98.2	97.4	94.6	101.7

Accessories

Description	Code
24° Reflector	R511 REF24D

Intensity

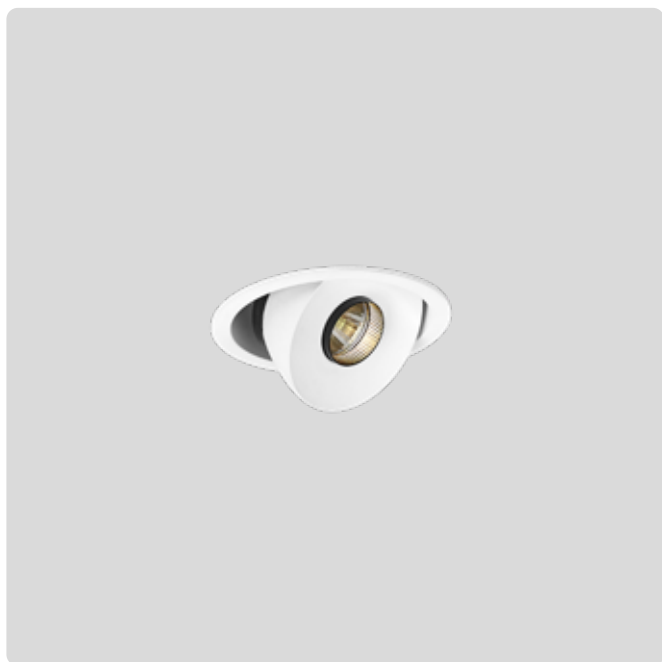
(3000K, White reflector)

Model	At 2m	At 3m	At 4m
R511	331 lux / 1.8m beam width	147 lux / 2.7m beam width	83 lux / 3.6m beam width
R512	624 lux / 1.9m beam width	277 lux / 2.8m beam width	156 lux / 3.8m beam width
R513	889 lux / 1.8m beam width	395 lux / 2.8m beam width	222 lux / 3.7m beam width

Note

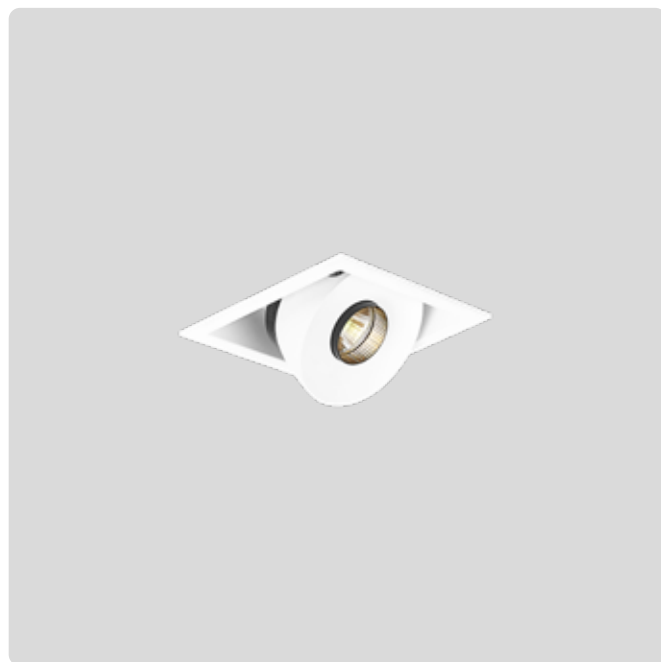
When on, light grazes vertical sides creating a soft ambient effect.





R500 Round Single

Dimensions D78 x H91mm	Cut Out Ø 70mm
Watts 11W	Lumens 672lm
Beam 42°	Tilt 45° Rotate 355°



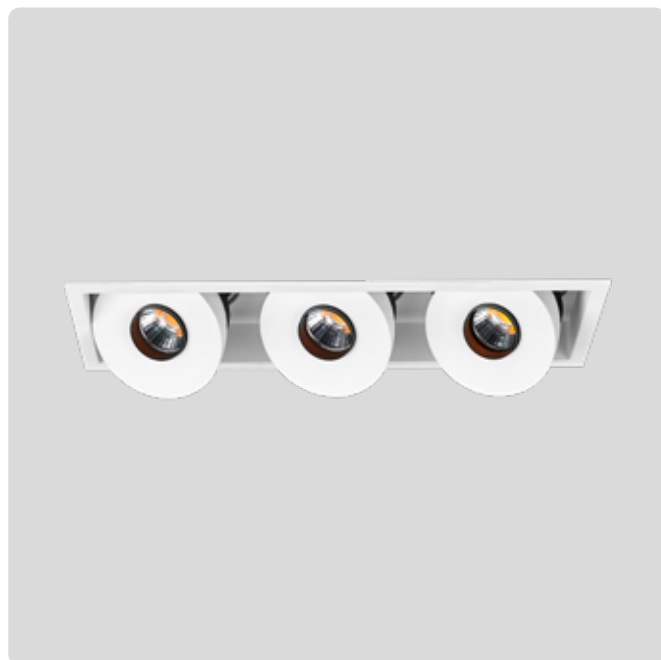
R501 Square Single

Dimensions L79 x W78 x H91mm	Cut Out L70 x W70mm
Watts 11W	Lumens 672lm
Beam 42°	Tilt 45° Rotate 355°



R502 Double

Dimensions L145 x W78 x H91mm	Cut Out L135 x W70mm
Watts 2x 11W	Lumens 1390lm
Beam 2x 42°	Tilt 45° Rotate 355°

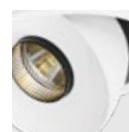


R503 Triple

Dimensions L210 x W78 x H91mm	Cut Out L200 x W70mm
Watts 3x 11W	Lumens 1977lm
Beam 3x 42°	Tilt 45° Rotate 355°

**Specifications**

Input	240V AC
Colour Temp	3000K
CRI	97
Lifespan	>55,000hrs (L90 B20)
Binning	SDCM 3
Material	Aluminium, anti glare optic glass
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Application	Interior, recessed
Warranty	5 Year warranty



White



Black

Available In

Description	Code
R500 - Round Single	
White, Black Baffle	R500 W3K
Black, Black Baffle	R500 B3K
R501 - Square Single	
White, Black Baffle	R501 W3K
Black, Black Baffle	R501 B3K
R502 - Double	
White, Black Baffle	R502 W3K
Black, Black Baffle	R502 B3K
R503 - Triple	
White, Black Baffle	R503 W3K
Black, Black Baffle	R503 B3K

Colour Parameters

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
R500	3000K	98.0	99.1	94.6	102.3
R501	3000K	98.0	99.1	94.6	102.3
R502	3000K	97.1	93.7	95.1	101.0
R503	3000K	97.3	94.1	94.9	101.3

Intensity

(3000K, White reflector)

Model	At 2m	At 3m	At 4m
R500	347 lux / 1.5m beam width	154 lux / 2.3m beam width	87 lux / 3.0m beam width
R501	347 lux / 1.5m beam width	154 lux / 2.3m beam width	87 lux / 3.0m beam width
R502	740 lux / 1.5m beam width	329 lux / 2.2m beam width	185 lux / 3.0m beam width
R503	1035 lux / 1.5m beam width	460 lux / 2.2m beam width	259 lux / 3.0m beam width



R505

Single

Dimensions D124mm x H128mm

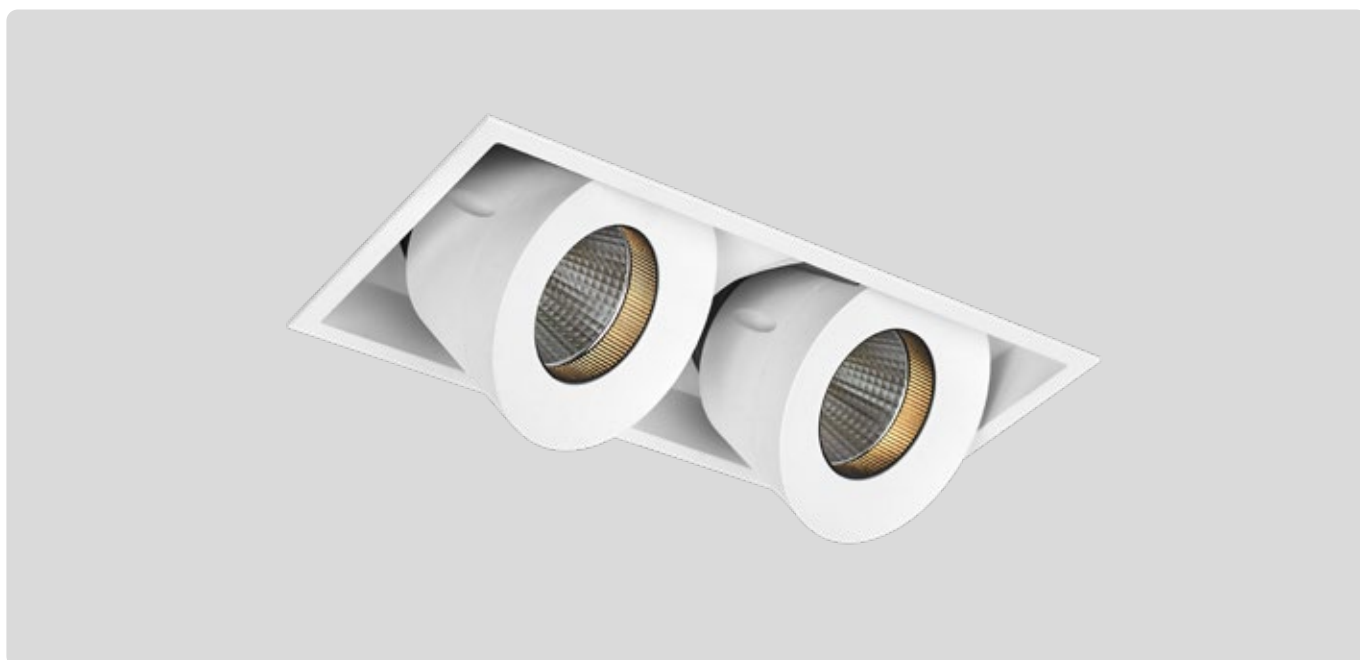
Cut Out Ø 115mm

Watts 20W

Lumens <1981lm

Beam 42°

Tilt 45° **Rotate** 355°



R507

Double

Dimensions L240 x W124 x H128mm

Cut Out L230 x W115mm

Watts 2x 20W

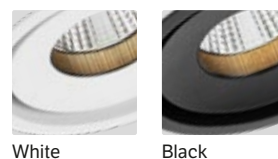
Lumens <3660lm

Beam 2x 42°

Tilt 45° **Rotate** 355°

Specifications

Input	240V AC
Colour Temp	3000K or 4000K
Lumens	R505: 1826lm @ 3000K, 1981lm @ 4000K R507: 3450lm @ 3000K, 3660lm @ 4000K
CRI	93
Lifespan	>55,000hrs (L90 B20)
Material	Aluminium, anti glare optic glass
Binning	SDCM 3
Clearance	25mm recommended for optimum lifespan. 0mm required. Rear of fitting may abut structural members and building elements.
Classification	IC Rated
Driver	Included, DX Series Under Insulation, 500mA
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤ 1.0 ; SVM ≤ 0.4
Application	Interior, recessed
Warranty	5 Year Warranty



White

Black

Available In

Description	Code
R505 - Single	
White, Black Baffle 3000K	R505 W3K
White, Black Baffle 4000K	R505 W4K
Black, Black Baffle 3000K	R505 B3K
Black, Black Baffle 4000K	R505 B4K
R507 - Double	
White, Black Baffle 3000K	R507 W3K
White, Black Baffle 4000K	R507 W4K
Black, Black Baffle 3000K	R507 B3K
Black, Black Baffle 4000K	R507 B4K

Colour Parameters

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
R505	3K/4K	92.6	58.0	91.0	99.9
R507	4000K	92.7	65.8	90.0	99.6

Intensity

(White reflector)

Model	At 2m	At 3m	At 4m
R505	1025 lux / 1.5m beam width (3000K)	455 lux / 2.3m beam width (3000K)	256 lux / 3.0m beam width (3000K)
R507	1968 lux / 1.6m beam width (4000K)	874 lux / 2.3m beam width (4000K)	492 lux / 3.1m beam width (4000K)



R521

Single

Dimensions L175 x W175 x H135mm

Cut Out L155x W155mm

Watts 28W

Lumens <2982lm

Beam 50°

Tilt 30° **Rotate** 358°



R522

Double

Dimensions L325 x W175 x H135mm

Cut Out L305 x W155mm

Watts 2x 28W

Lumens 5765lm

Beam 2x 50°

Tilt 30° **Rotate** 358°

Specifications

Input	240V AC
Colour Temp	3000K or 4000K
Lumens	R521: 2811lm @ 3000K, 2982lm @ 4000K R522: 5765lm
CRI	R521: CRI93. R522: CRI91
Lifespan	>55,000hrs (L90 B20)
Binning	SDCM 3
Material	Aluminium, anti glare optic glass
IP Rating	IP43
Clearance	50mm from rear of heatsink to building elements
Classification	NON - IC Rated
Driver	Included
Dimming/Control	TRIAC Dimmable
Application	Interior, recessed
Warranty	5 Year Warranty



White

Black

Available In

Description	Code
R521 - Single	
White 3000K	R521 W3K
White 4000K	R521 W4K
Black 3000K	R521 B3K
Black 4000K	R521 B4K
R522 - Double	
White 3000K	R522 W3K
White 4000K	R522 W4K
Black 3000K	R522 B3K
Black 4000K	R522 B4K

Colour Parameters

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
R521	3000K	92.5	58.7	91.2	100.4
R521	4000K	90.6	54.1	89.6	97.9
R522	4000K	91	55.6	89.6	97.7

Intensity

(4000K, White reflector)

Model	At 2m	At 3m	At 4m
R521	952 lux / 1.9m beam width	423 lux / 2.8m beam width	238 lux / 3.7m beam width
R522	1812 lux / 1.9m beam width	805 lux / 2.8m beam width	453 lux / 3.7m beam width

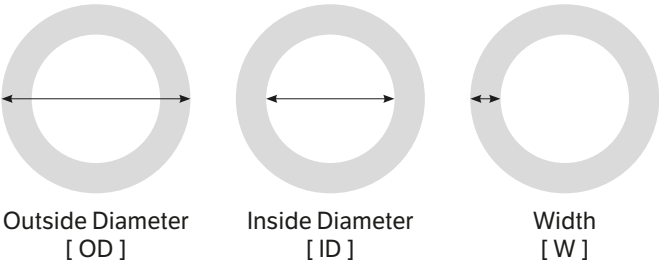




AP Universal Plates

Halcyon stocks a range of “Universal” style plates in common inside/outside diameter combinations for adapting a range of different sized Halcyon downlights to suit various hole sizes. Universal style adaptor plates are installed between downlight and ceiling surface, held in place via the existing downlight spring clips. Halcyon product specific “flush fit” adaptor plates are also available for a more professional appearance.

Universal adaptor plates are cut from steel and powder coated White or Black with a subtle textured satin finish to best match ceiling roller paint finish and texture. White powder coat plates are a neutral/crisp “black white” finish designed to match a wide range of popular modern white colours (Similar to Resene Alabaster or Black White colour families). If using Halcyon plates with old or non-Halcyon downlights or using the plates with unknown paint finishes, purchase a single plate to test colour match first.



Specifications

Finish	Powder coated, slight textured satin finish. Black or White
Material	Steel
Application	Interior

Available In

Description	Code
AP - Universal Plates	
White, ID 72mm OD 115mm (W43mm)	AP-72-115-W
White, ID 82mm OD 125mm (W43mm)	AP-82-125-W
White, ID 92mm OD 132mm (W40mm)	AP-92-132-W
White, ID 100mm OD 140mm (W40mm)	AP-100-140-W
White, ID 110mm OD 155mm (W45mm)	AP-110-155-W
White, ID 120mm OD 160mm (W40mm)	AP-120-160-W
White, ID 130mm OD 170mm (W40mm)	AP-130-170-W
White, ID 150mm OD 195mm (W45mm)	AP-150-195-W
White, ID 170mm OD 215mm (W45mm)	AP-170-215-W
White, ID 180mm OD 225mm (W45mm)	AP-180-225-W
White, ID 195mm OD 265mm (W70mm)	AP-195-265-W
White, ID 230mm OD 300mm (W70mm)	AP-230-300-W
Black, ID 72mm OD 115mm (W43mm)	AP-72-115-B
Black, ID 82mm OD 125mm (W43mm)	AP-82-125-B
Black, ID 92mm OD 132mm (W40mm)	AP-92-132-B
Black, ID 100mm OD 140mm (W40mm)	AP-100-140-B
Black, ID 110mm OD 155mm (W45mm)	AP-110-155-B
Black, ID 120mm OD 160mm (W40mm)	AP-120-160-B
Black, ID 130mm OD 170mm (W40mm)	AP-130-170-B



LED8W	Mini-module & Pre-wired UID Driver
Dimensions D50 x H40mm	Beam 60°
Watts 8W	Lumens 700lm

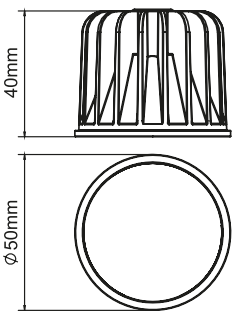
The LED8W module kit converts existing CA135 50W Halogen downlights with an IC rated under insulation 8W LED module and driver. The dedicated Module and Driver features a far greater lifespan and light quality when compared to LED MR16 retrofit lamps. The LED8W is perfect for updating hard to replace large cut out gimbal style halogen single, double and triple downlights. The LED8W kits are suitable for use in all existing Halcyon Halogen downlights.

Specifications

Input	240V AC
Colour Temp	3000K or 4000K
CRI	80
Lifespan	50,000hrs
Material	Aluminium, PC
IP Rating	IP44
Classification	IC Rated
Driver	Included, DX Series Under Insulation, 180mA 9W
Dimming/Control	TRIAC Dimmable
Application	Interior
Warranty	5 Year Warranty

Available In

Description	Code
LED8W - Mini-module	
3000K	LED8W 3K
4000K	LED8W 4K





Pictured: R550 BB3K-Dark Art CR197 Tilt/Rotate Downlight
Photo courtesy of The Lindis Group and Shaun Jeffers Photography.



S820

Small Fixed

Dimensions D75 x 100mm

Beam 40°

Watts 10W

Lumens <700lm



S822

Medium Round Tilt/Rotate

Dimensions D87 x H108mm

Beam 40°

Watts 10W

Lumens <740lm

Tilt 25° **Rotate** 355°



S823

Large Round Tilt/Rotate

Dimensions D106 x H125mm

Beam 40°

Watts 14W

Lumens 970lm

Tilt 25° **Rotate** 355°



S825

Medium Square Tilt/Rotate

Dimensions L87 x W87 x H108mm

Beam 40°

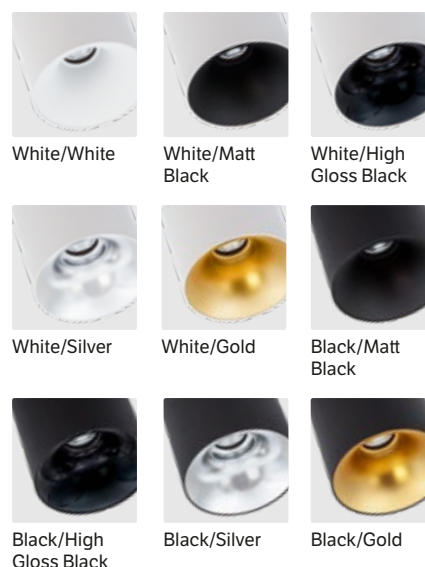
Watts 10W

Lumens 740lm

Tilt 25° **Rotate** 355°

**Specifications**

Input	240V AC
Colour Temp	3000K
CRI	97+
Lifespan	>55,000hrs (L90 B20)
Material	Aluminium
IP Rating	IP20
Driver	Incorporated
Dimming/Control	TRIAC Dimmable
Installation	Magnetic mounting system, no visible screws
Electrical Class	Class I luminaire, requires earth
Application	Interior, surface mount
Warranty	5 Year Warranty

**Colour Parameters**

Model	CCT	CRI	CRI R9	TM30 Rf	TM30 Rg
S820	3000K	97.6	98.2	94.7	102.5
S822	3000K	98.3	97.2	94.5	101.1
S823	3000K	97.3	99.2	95.0	102.4
S825	3000K	98.3	97.2	94.5	101.1

Intensity

(3000K, White reflector)

Model	At 2m	At 3m	At 4m
S820	325 lux / 1.6m beam width	144 lux / 2.4m beam width	81 lux / 3.2m beam width
S822	325 lux / 1.6m beam width	145 lux / 2.4m beam width	81 lux / 3.2m beam width
S823	472 lux / 1.6m beam width	210 lux / 2.3m beam width	118 lux / 3.1m beam width
S825	325 lux / 1.6m beam width	145 lux / 2.4m beam width	81 lux / 3.2m beam width

Available In

Model	□	Rim Colour	Reflector Colour	Colour Temp
S820 = Small S822 = Medium Round S823 = Large Round S825 = Medium Square	■	W = White B = Black	W = White B = Matt Black GB = High Gloss Black G = Gold S = Silver	3 = 3000K

Example code = S820 WS3
(10W, Small, Round, Fixed, White rim,
Silver reflector, 3000K).



S810

Round

Dimensions D118 x H131mm

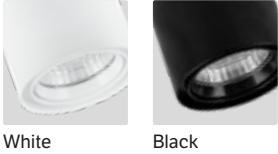
Beam 70°

Watts 13W

Lumens 1185lm

Specifications

Input	240V AC
Colour Temp	3000K
CRI	90
Lifespan	50,000hrs
Binning	SDCM 3
Material	Aluminium, Plastic
Driver	Incorporated
Dimming/Control	TRIAC Dimmable
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Electrical Class	Class I luminaire, requires earth
Application	Interior, surface mount
Notes	Hidden mounting system, no visible screws
Warranty	5 Year Warranty



Available In

Description	Code
S810 - Round	
White	S810 1CWDL
Black	S810 1CBDL

Accessories

Description	Code
20° Reflector	S810 REF20
40° Reflector	S810 REF40