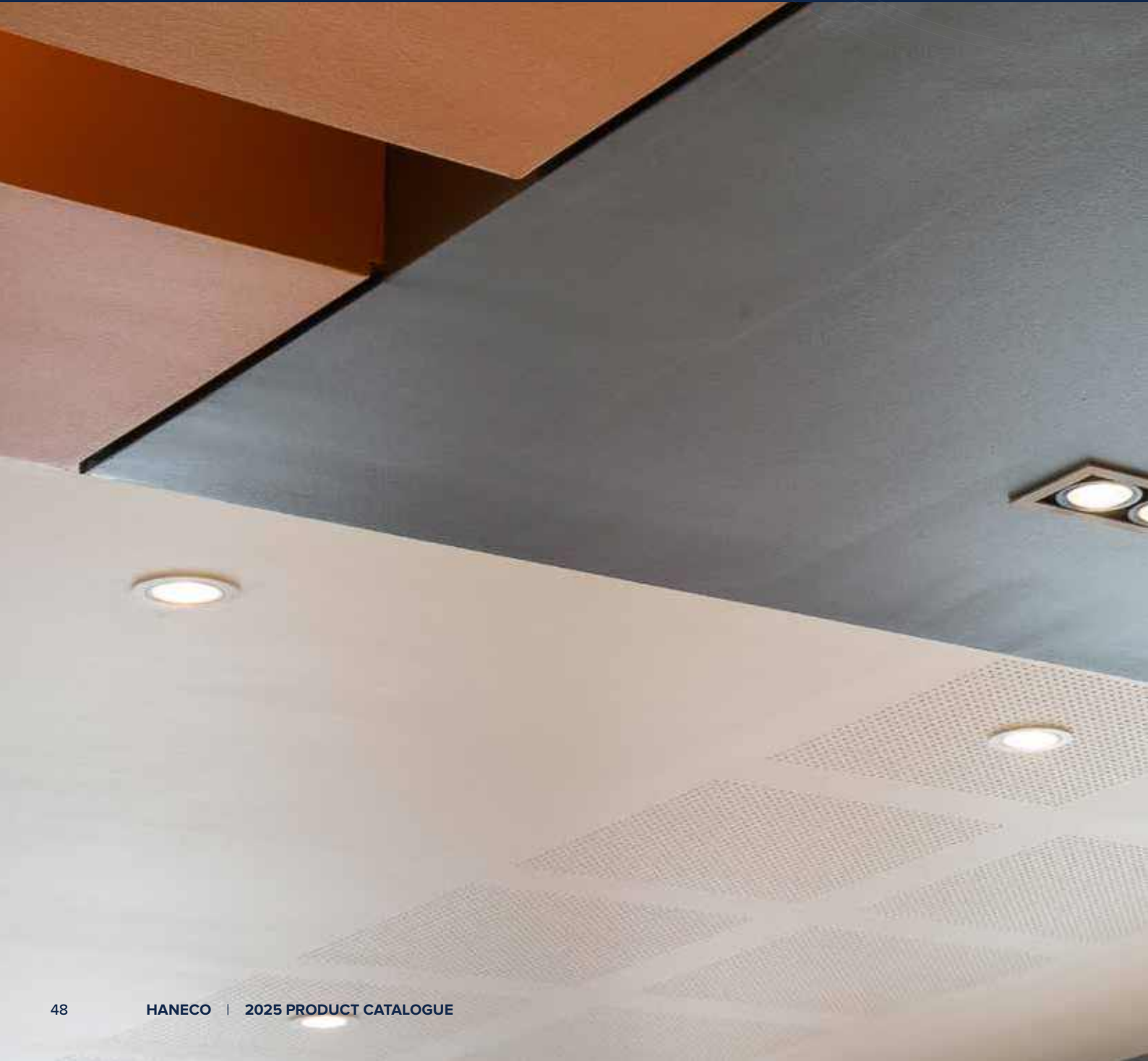
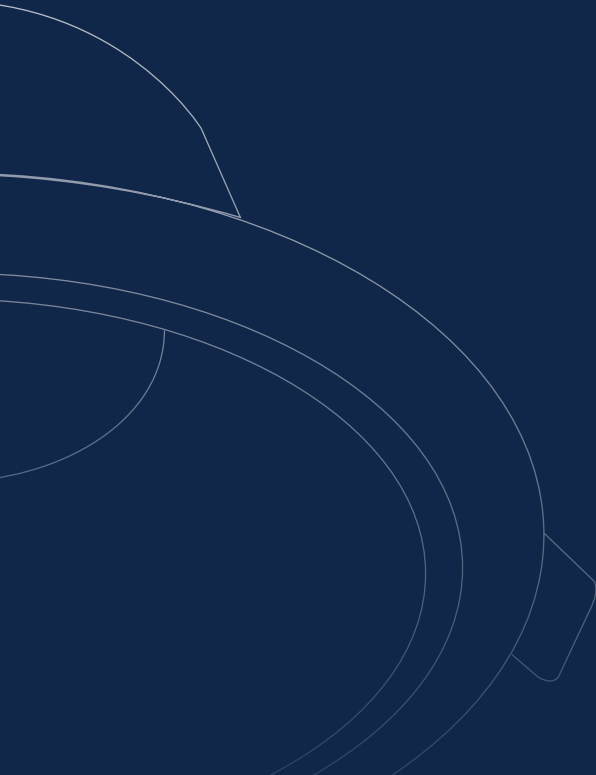


COMMERCIAL DOWNLIGHTS





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McDonald's



High efficacy rating to promote energy saving

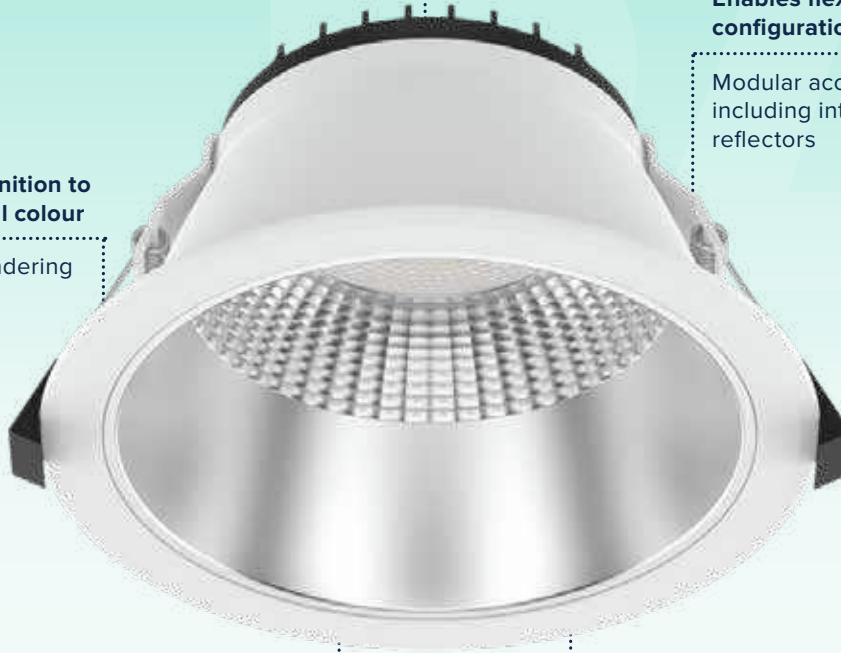
Exceptional performance

Enables flexible configuration

Modular accessories including interchangeable reflectors

True colour definition to highlight natural colour

High Colour Rendering Index (CRI)



Excellent lighting option for indoor work places

Low Unified Glare Rating (UGR)

Covers a diverse range of applications

Extensive model range

ASTRAL

Premium, low glare.

A complete range of sizes to choose from, with optional reflectors to meet every designer's requirement. Performance is critical for all commercial applications and is why each variant of the ASTRAL complies with Greenstar requirements. With high lumen outputs, a tight beam angle, combined with tritone and dimming technology, ASTRAL is the one-stop-shop for commercial lighting applications.



Flexible & Modular Design



Low Glare



CRI Colour Rendering Index



Flicker Free



COI Cyanosis Compliant



GREENSTAR Suitable

PRODUCT RANGE



Product Code	AST10W-115	AST10W-115-BK	AST15W-145	AST15W-145-BK	AST20W-170
SAP Code	2002425	2002545	2002426	2002546	2002427
Power	10 W	10 W	15 W	15 W	20 W
Lumen Output	1020 / 1070 / 1030 lm	1020 / 1070 / 1030 lm	1520 / 1590 / 1540 lm	1520 / 1590 / 1540 lm	2120 / 2200 / 2160 lm
Efficacy	97 / 105 / 100 lm/W	97 / 105 / 100 lm/W	102 / 111 / 105 lm/W	102 / 111 / 105 lm/W	106 / 115 / 110 lm/W
CCT	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K
Beam Angle	60°	60°	60°	60°	60°
Cutout Size	Ø90 mm	Ø90 mm	Ø120 mm	Ø120 mm	Ø140 mm
Dimensions	Ø115 x 65 mm	Ø115 x 65 mm	Ø145 x 77 mm	Ø145 x 77 mm	Ø170 x 92 mm
Weight	0.20 kg	0.20 kg	0.30 kg	0.30 kg	0.40 kg
Product Colour	White	Black	White	Black	White



Product Code	AST20W-170-BK	AST25W-190	AST25W-190-BK	AST30W-235	AST30W-235-BK
SAP Code	2002547	2002428	2002548	2002429	2002549
Power	20 W	25 W	25 W	30 W	30 W
Lumen Output	2120 / 2200 / 2160 lm	2590 / 2700 / 2640 lm	2590 / 2700 / 2640 lm	3380 / 3450 / 3400 lm	3380 / 3450 / 3400 lm
Efficacy	106 / 115 / 110 lm/W	107 / 116 / 111 lm/W	107 / 116 / 111 lm/W	115 / 121 / 118 lm/W	115 / 121 / 118 lm/W
CCT	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K	4000 / 5000 / 5700 K
Beam Angle	60°	60°	60°	60°	60°
Cutout Size	Ø140 mm	Ø160 mm	Ø160 mm	Ø200 mm	Ø200 mm
Dimensions	Ø170 x 92 mm	Ø190x 97 mm	Ø190x 97 mm	Ø235 x 111 mm	Ø235 x 111 mm
Weight	0.40 kg	0.50 kg	0.50 kg	0.70 kg	0.70 kg
Product Colour	Black	White	Black	White	Black

COMMON SPECIFICATIONS

Body Material	Aluminium	Input Voltage	220-240Vac, 50/60Hz
Diffuser Material	PMMA	Electrical Classification	Class II
IP Rating	Front IP54 Body IP20	Power Factor	> 0.9
IC Rating	IC-4 (Lamp Only)	Protection	Overload / Short Circuit
CRI	> 90	Projected Lifespan	> 54,000hrs @Ta25°C (L70)
SDCM	< 3	Operating Ambient Temperature	-20 to 45°C
UGR	< 19	Smart	KASTA Compatible
Driver	Remote	Dimming	Phase-Cut Dimmable (Trailing Edge, 10-100%) DALI, 0/1-10V, and DSI dimming available
Flicker Free	Yes		
Power Lead	0.6m Flex & Plug		

APPLICATIONS

Bathrooms
Boardroom / Meeting Rooms
Cocktail Lounge
Medical Facilities
Hotel Common Areas
Hotel Rooms
Offices
Retail Spaces
Showrooms
Restaurants / Cafes
Entrance
Food Courts

Find out more



ACCESSORIES

Reflectors



White Reflector
AST10W-REF-WH
(SAP 2002439)



Black Reflector
AST10W-REF-BK
(SAP 2002444)



White Reflector
AST15W-REF-WH
(SAP 2002440)



Black Reflector
AST15W-REF-BK
(SAP 2002445)



White Reflector
AST20W-REF-WH
(SAP 2002441)



Black Reflector
AST20W-REF-BK
(SAP 2002446)



White Reflector
AST25W-REF-WH
(SAP 2002442)



Black Reflector
AST25W-REF-BK
(SAP 2002447)



White Reflector
AST30W-REF-WH
(SAP 2002443)



Black Reflector
AST30W-REF-BK
(SAP 2002448)

Mounting Supports



White Surface
Mount Housing
AST25W-SM-WH
(SAP 2002460)



Black Surface
Mount Housing
AST25W-SM-BK
(SAP 2002556)

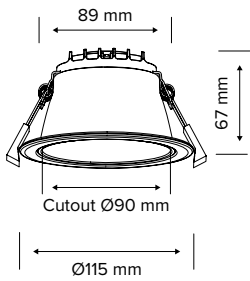


White Surface
Mount Housing
AST30W-SM-WH
(SAP 2002461)

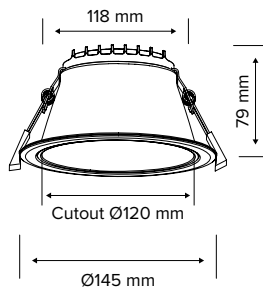


Black Surface
Mount Housing
AST30W-SM-BK
(SAP 2002557)

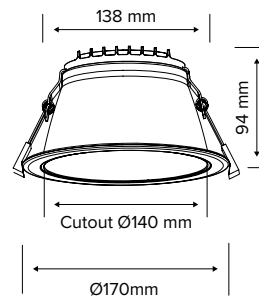
DIMENSIONS



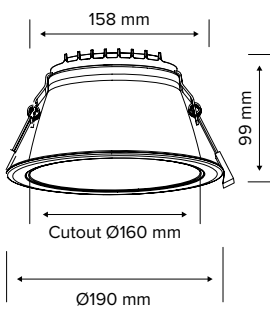
AST10W-115 / AST10W-115-BK



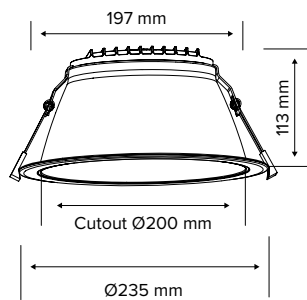
AST15W-145 / AST15W-145-BK



AST20W-170 / AST20W-170-BK

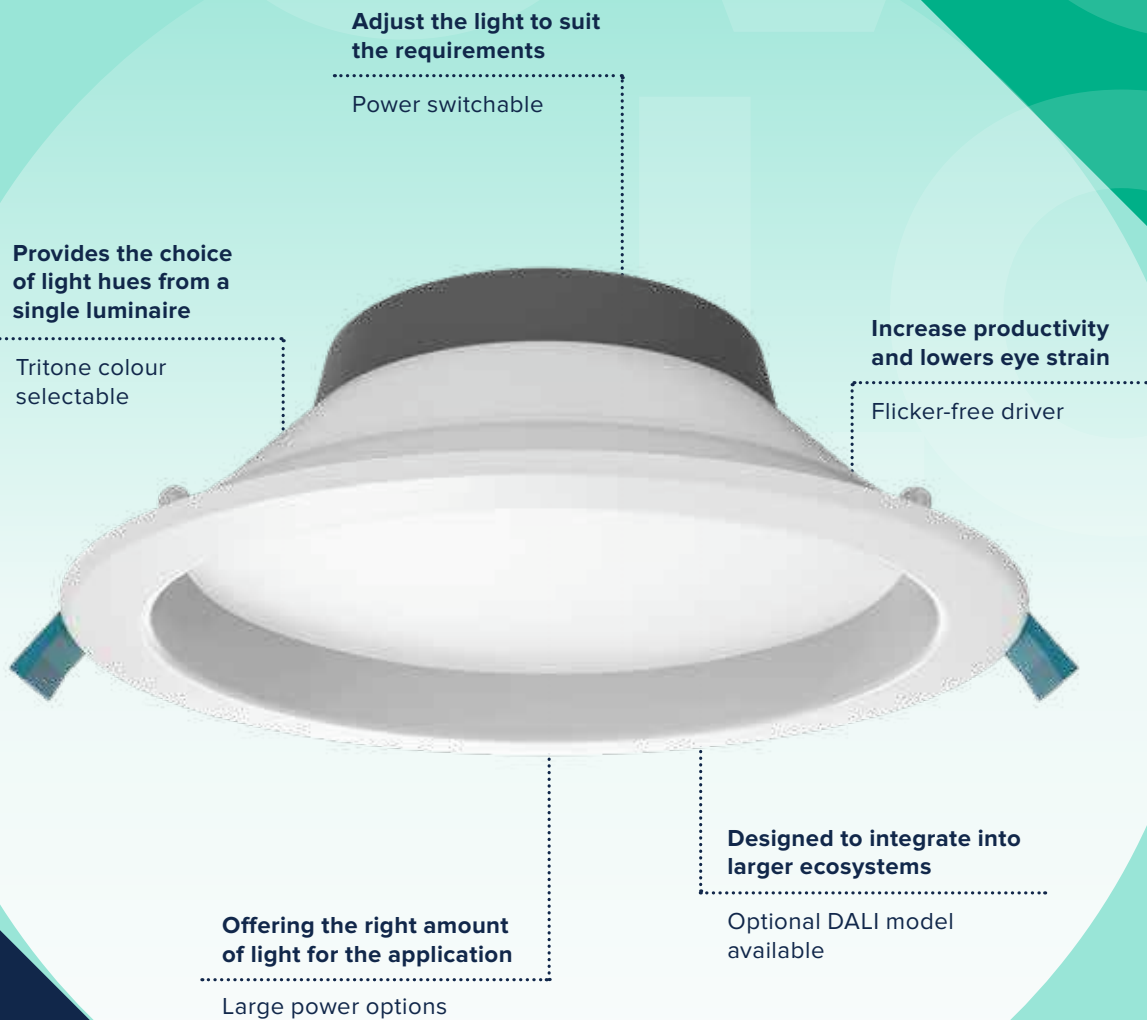


AST25W-190 / AST25W-190-BK



AST30W-235 / AST30W-235-BK





OVOLO

Impressive, classic and all-purpose.

The versatile OVOLO series combines practical functionality with impressive features. The IP rating of the OVOLO makes it a suitable all-rounder for a multitude of commercial applications. This ultra lightweight downlight comes in a range of sizes which allows for direct replacement of compact fluorescent and metal halide products.

 TRITONE Colour Selectable	 2POWER Switchable Modes	 IP63 Ingress Protection Rating
 CLASS II Double Insulated	 50,000hr Projected Lifespan	 5yr Warranty

PRODUCT RANGE

					
Product Code	OVL145R-DIM	OVL145R-DIM-BK	OVL165R-DIM	OVL165R-DIM-BK	OVL200R-DIM
SAP Code	2002310	2002572	2002311	2002573	2002312
Power	10 / 14 W	10 / 14 W	13 / 18 W	13 / 18 W	15 / 20 W
Lumen Output	10W: 1037 / 1186 / 1115 lm 14W: 1348 / 1554 / 1457 lm	10W: 1037 / 1186 / 1115 lm 14W: 1348 / 1554 / 1457 lm	13W: 1435 / 1619 / 1549 lm 18W: 1767 / 1994 / 1908 lm	13W: 1435 / 1619 / 1549 lm 18W: 1767 / 1994 / 1908 lm	15W: 1309 / 1494 / 1405 lm 20W: 1805 / 2050 / 1933 lm
Efficacy	10W: 93 / 111 / 100 lm/W 14W: 93 / 113 / 100 lm/W	10W: 93 / 112 / 100 lm/W 14W: 93 / 113 / 101 lm/W	13W: 100 / 118 / 108 lm/W 18W: 100 / 119 / 109 lm/W	13W: 100 / 117 / 108 lm/W 18W: 100 / 118 / 108 lm/W	15W: 98 / 118 / 105 lm/W 20W: 99 / 120 / 106 lm/W
CCT	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K
Beam Angle	100°	100°	100°	100°	100°
Hole Cutout Size	Ø120 mm	Ø120 mm	Ø135 mm	Ø135 mm	Ø160 mm
Dimensions	Ø145 x 61 mm	Ø145 x 61 mm	Ø165 x 63 mm	Ø165 x 63 mm	Ø200 x 68 mm
Weight	0.40 kg	0.40 kg	0.50 kg	0.50 kg	0.60 kg
Product Colour	White	Black	White	Black	White
CRI	> 85	> 80	> 85	> 80	> 85

					
Product Code	OVL200R-DIM-BK	OVL230R-DIM	OVL230R-DIM-BK	OVL275R-DIM	OVL275R-DIM-BK
SAP Code	2002574	2002313	2002575	2002423	2002576
Power	15 / 20 W	23 / 30 W	23 / 30 W	27 / 40 W	27 / 40 W
Lumen Output	15W: 1309 / 1494 / 1405 lm 20W: 1805 / 2050 / 1933 lm	23W: 2148 / 2479 / 2332 lm 30W: 2824 / 3273 / 3073 lm	23W: 2148 / 2479 / 2332 lm 30W: 2824 / 3273 / 3073 lm	27W: 2785 / 3158 / 3025 lm 40W: 4072 / 4619 / 4433 lm	27W: 2785 / 3158 / 3025 lm 40W: 4072 / 4619 / 4433 lm
Efficacy	15W: 98 / 119 / 107 lm/W 20W: 98 / 120 / 108 lm/W	23W: 99 / 123 / 109 lm/W 30W: 99 / 124 / 109 lm/W	23W: 99 / 123 / 108 lm/W 30W: 98 / 123 / 108 lm/W	27W: 100 / 119 / 109 lm/W 40W: 101 / 120 / 110 lm/W	27W: 100 / 119 / 109 lm/W 40W: 101 / 120 / 110 lm/W
CCT	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K
Beam Angle	100°	100°	100°	110°	110°
Hole Cutout Size	Ø160 mm	Ø195 mm	Ø195 mm	Ø230 mm	Ø230 mm
Dimensions	Ø200 x 68 mm	Ø230 x 75 mm	Ø230 x 75 mm	Ø275 x 81 mm	Ø275 x 81 mm
Weight	0.60 kg	0.80 kg	0.80 kg	0.90 kg	0.90 kg
Product Colour	Black	White	Black	White	Black
CRI	> 80	> 85	> 80	> 85	> 80

COMMON SPECIFICATIONS

Body Material	Aluminium	Power Factor	> 0.9
Diffuser Material	Polycarbonate (Opal)	Protection	Overload / Short Circuit
IP Rating	IP63	Projected Lifespan	> 50,000hrs @Ta25°C (L70)
IC Rating	IC-4 (only the OVL145R-DIM / OVL145R-DIM-BK)	Operating Ambient Temperature	-20 to 45°C
SDCM	< 3	Smart	KASTA Compatible
Driver	Remote	Dimming	Phase-Cut Dimmable (Trailing Edge, 10-100%) DALI, 0/1-10V, and DSI dimming available
Power Lead	0.9m Flex & Plug		
Input Voltage	220-240Vac, 50/60Hz		
Electrical Classification	Class II		

APPLICATIONS

Awnings
 Bathrooms
 Boardroom / Meeting Rooms
 Education Facilities
 Entrance
 Food Courts
 Function Areas
 Medical Facilities
 Hallways
 Offices
 Retail Spaces
 Showrooms
 Staircase

ACCESSORIES

Trim Adaptors



280mm Adaptor Ring
TRIM-C2030-280-W
(SAP 2001219)

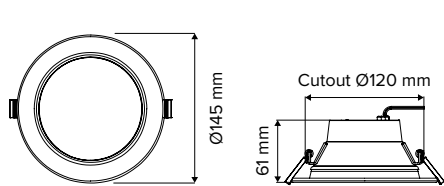


310mm Adaptor Ring
TRIM-310-W
(SAP 2002222)

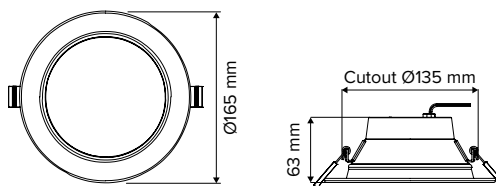
Find out more



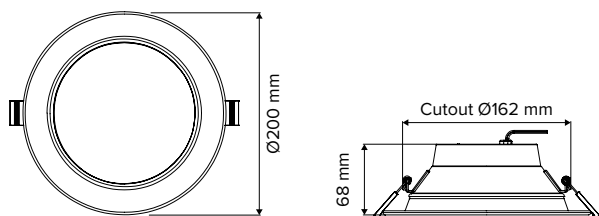
DIMENSIONS



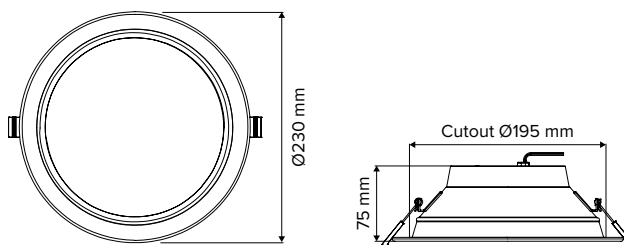
OVL145R-DIM / OVL145R-DIM-BK



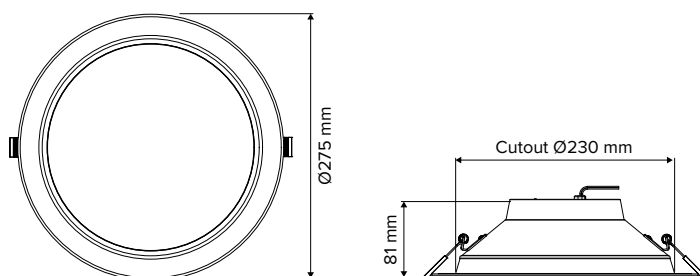
OVL165R-DIM / OVL165R-DIM-BK



OVL200R-DIM / OVL200R-DIM-BK

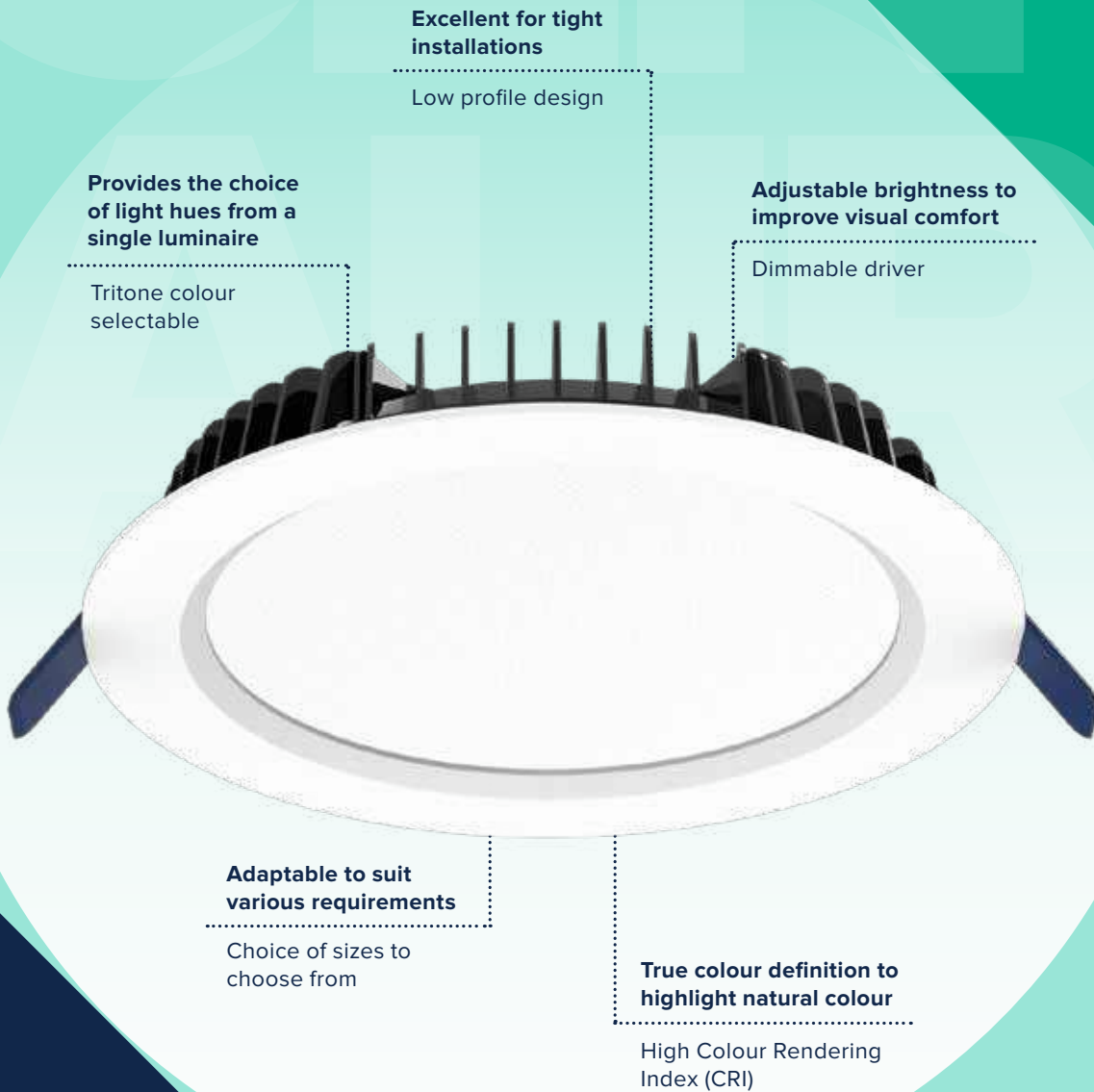


OVL230R-DIM / OVL230R-DIM-BK



OVL275R-DIM / OVL275R-DIM-BK





CENTAURI

Ultra-low-profile.

The ultra-low-profile design of CENTAURI makes it the perfect solution for installations where ceiling space is minimal. This dimmable downlight strikes with a slightly recessed, aesthetically pleasing diffuser, robust aluminium housing and all around IP44 rating for increased flexibility.

 TRITONE Colour Selectable	 2POWER Switchable Modes	 IP44 Ingress Protection Rating
 50,000hr Projected Lifespan	 5yr Warranty	 GREENSTAR Suitable

PRODUCT RANGE



Product Code	C10/15W150R-MULTI	C15/25W190R-MULTI	C20/30W230R-MULTI
SAP Code	2001195	2001087	2000576
Power	10 / 15 W	15 / 25 W	20 / 30 W
Lumen Output	10 W: 1010 / 1090 / 1090 lm 15 W: 1440 / 1520 / 1490 lm	15 W: 1470 / 1600 / 1610 lm 25 W: 2500 / 2680 / 2640 lm	20 W: 2090 / 2250 / 2220 lm 30 W: 3040 / 3130 / 3090 lm
Efficacy	10 W: 101 / 109 / 109 lm/W 15 W: 95 / 101 / 99 lm/W	15 W: 98 / 107 / 107 lm/W 25 W: 100 / 107 / 106 lm/W	20 W: 105 / 113 / 111 lm/W 30 W: 101 / 104 / 103 lm/W
CCT	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K
Beam Angle	100°	100°	100°
Hole Cutout Size	Ø105-135 mm	Ø170-180 mm	Ø185-215 mm
Dimensions	Ø150 x 35 mm	Ø190 x 35 mm	Ø230 x 35 mm
Weight	0.76 kg	0.79 kg	1.20 kg
Product Colour	White	White	White

COMMON SPECIFICATIONS

Body Material	Aluminium	Electrical Classification	Class II
Diffuser Material	Polycarbonate (Opal)	Power Factor	> 0.9
IP Rating	IP44	Protection	Overload / Short Circuit
IC Rating	IC-4	Projected Lifespan	> 50,000hrs @Ta25°C (L70)
CRI	> 85	Operating Ambient Temperature	-20 to 45°C
SDCM	< 3	Smart	KASTA Compatible
Driver	Remote	Dimming	Phase-Cut Dimmable (Trailing Edge, 10-100%) DALI, 0/1-10V, and DSI dimming available
Power Lead	1.2m Flex & Plug		
Input Voltage	220-240Vac, 50/60Hz		

APPLICATIONS

- Boardroom / Meeting Rooms
- Entrance
- Function Areas
- Hallways
- Hotel Common Areas
- Offices
- Staircase

ACCESSORIES

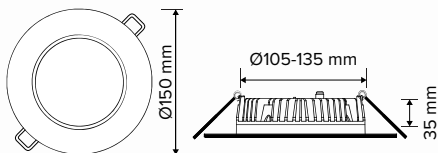
Trim Adaptors



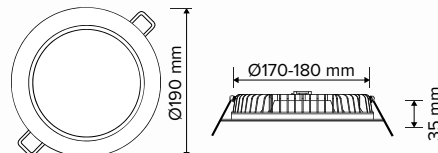
280mm Adaptor Ring
TRIM-C2030-280-W
(SAP 2001219)

310mm Adaptor Ring
TRIM-310-W
(SAP 2002222)

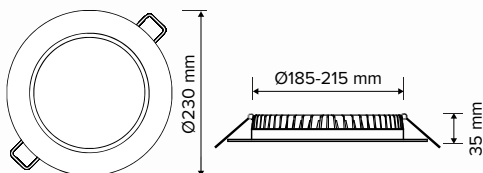
DIMENSIONS



C10/15W150R-MULTI



C15/25W190R-MULTI



C20/30W230R-MULTI

Find out more



Minimises glare and enhancing visual comfort

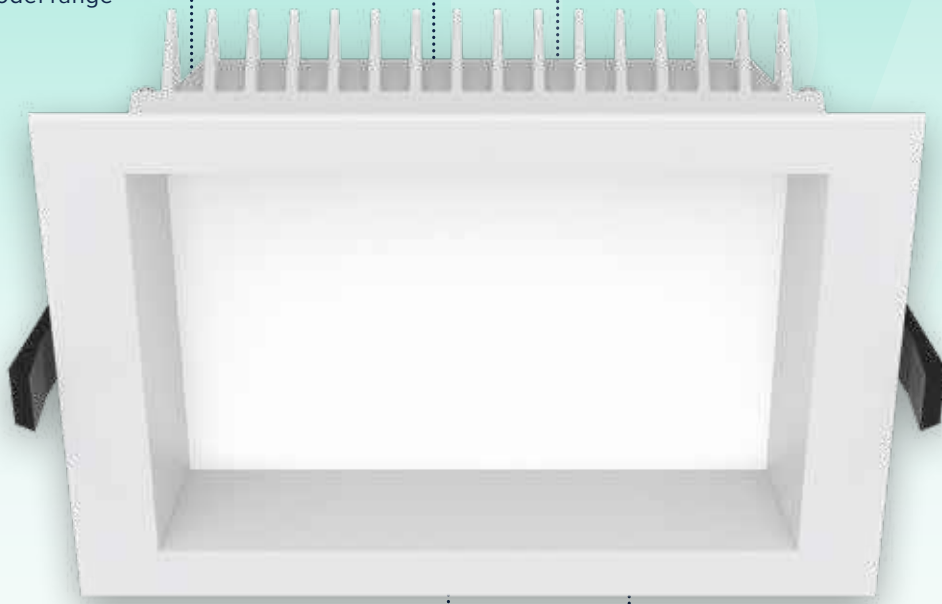
Recessed diffuser

Covers a diverse range of applications

Extensive model range

Adjustable brightness to improve comfort

Dimmable driver



Enhances the premium look and feel

Painted aluminium

Provides high end appearance

Modernised design

AURORA SQUARE

Recessed contemporary design.

Elevate your high-end architectural projects with AURORA SQUARE. This distinctive lighting solution combines sleek design with exceptional performance. Experience precise control over lighting intensity with the dimmable driver, and choose from a variety of sizes to suit your specific needs. The durable aluminium housing and tritone colour temperature option ensure both style and versatility.



PRODUCT RANGE



Product Code	AURORA110-SQ	AURORA145-SQ	AURORA190-SQ	AURORA220-SQ
SAP Code	2002343	2002344	2002345	2002528
Power	10 W	18 W	25 W	35 W
Lumen Output	991 / 1039 / 1011 lm	1924 / 2141 / 2167 lm	2613 / 2830 / 2806 lm	3997 / 4285 / 4265 lm
Efficacy	102 / 111 / 105 lm/W	109 / 125 / 122 lm/W	110 / 123 / 119 lm/W	116 / 129 / 125 lm/W
CCT	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K	3000 / 4000 / 5700 K
Beam Angle	90°	90°	90°	90°
Cutout Size	90 x 90 mm	120 x 120 mm	160 x 160 mm	200 x 200 mm
Dimensions	110 x 110 x 52 mm	145 x 145 x 53 mm	190 x 190 x 53 mm	228 x 228 x 55 mm
Weight	0.26 kg	0.40 kg	0.58 kg	0.92 kg
Product Colour	White	White	White	White

COMMON SPECIFICATIONS

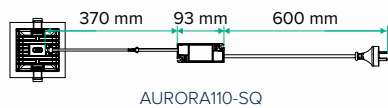
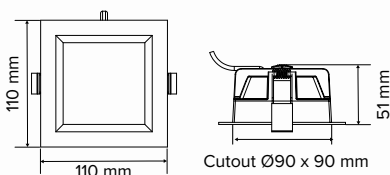
Body Material	Aluminium
Diffuser Material	Polycarbonate (Opaque)
IP Rating	Front IP54
CRI	> 85
SDCM	< 3
Driver	Remote
Power Lead	0.6m Flex & Plug
Input Voltage	220-240Vac, 50/60Hz

Electrical Classification	Class II
Power Factor	> 0.9
Protection	Overload / Short Circuit
Projected Lifespan	> 50,000hrs @Ta25°C (L70)
Operating Ambient Temperature	-20 to 40°C
Smart	KASTA Compatible
Dimming	Phase-Cut Dimmable (Trailing Edge, 10-100%)

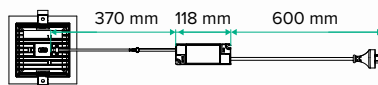
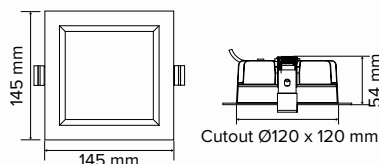
APPLICATIONS

- Boardroom / Meeting Rooms
- Education Facilities
- Entrance
- Food Courts
- Function Areas
- Medical Facilities
- Hotel Common Areas
- Offices
- Retail Spaces
- Showrooms

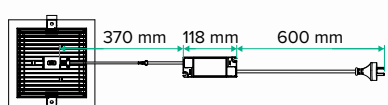
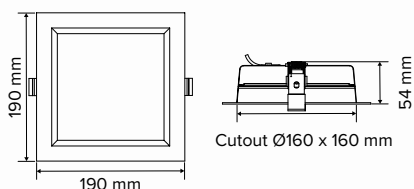
DIMENSIONS



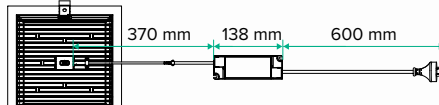
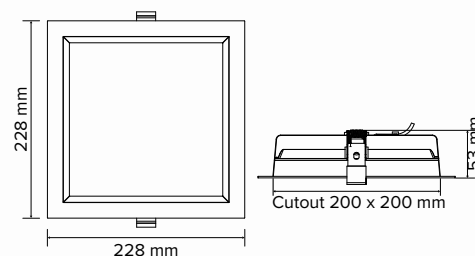
AURORA110-SQ



AURORA145-SQ



AURORA190-SQ



AURORA220-SQ

Find out more



Suitable for food manufacturing areas

HACCP approved

Greatly reduces glare whilst increasing visibility brilliance

Multifaceted reflector

Provides the choice of light hues from a single luminaire

Tritone colour selectable



Adaptable to suit various requirements

Choice of sizes to choose from

True colour definition to highlight natural colour

High Colour Rendering Index (CRI)

METEOR

Sleek, low glare design.

METEOR is a surface mounted tubular downlight with a recessed clear lens and multifaceted reflector, which provides optimum glare control. It is ideal for architectural indoor and outdoor applications.



PRODUCT RANGE



Product Code	M13W90R-WH-TRI	M13W90R-BK-TRI	M20W130R-WH-TRI	M20W130R-BK-TRI
SAP Code	2002198	2002199	2002200	2002201
Power	13 W	13 W	20 W	20 W
Lumen Output	1300 / 1380 / 1320 lm	1300 / 1380 / 1320 lm	2200 / 2370 / 2365 lm	2200 / 2370 / 2365 lm
Efficacy	100 / 110 / 100 lm/W	100 / 110 / 100 lm/W	110 / 120 / 116 lm/W	110 / 120 / 116 lm/W
CCT	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K
Beam Angle	45°	45°	60°	60°
Dimensions	Ø90 x 116 mm	Ø90 x 116 mm	Ø130 x 135 mm	Ø130 x 135 mm
Product Colour	White	Black	White	Black



Product Code	M35W160R-WH-TRI	M35W160R-BK-TRI
SAP Code	2002202	2002247
Power	35 W	35 W
Lumen Output	4000 lm	4000 lm
Efficacy	110 lm/W	110 lm/W
CCT	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K
Beam Angle	60°	60°
Dimensions	Ø160 x 168 mm	Ø160 x 168 mm
Product Colour	White	Black

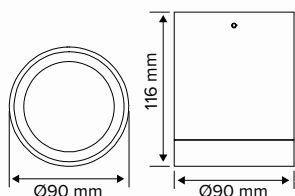
COMMON SPECIFICATIONS

Body Material	Aluminium	Electrical Classification	Class I
Diffuser Material	Polycarbonate (Clear)	Power Factor	> 0.9
IP Rating	IP54	Protection	Overload / Short Circuit
CRI	> 85	Projected Lifespan	> 50,000hrs @Ta25°C (L70)
SDCM	< 3	Operating Ambient Temperature	-20 to 45°C
Driver	Integral	Smart	KASTA Compatible
Input Voltage	220-240Vac, 50/60Hz	Dimming	Phase-Cut Dimmable (Trailing Edge, 10-100%)

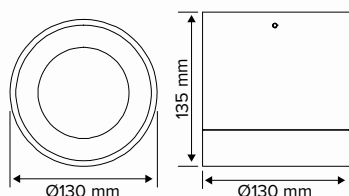
APPLICATIONS

Accent / Display / Feature Lighting
 Bathrooms
 Cocktail Lounge
 Entrance
 Food Courts
 Medical Facilities
 Hotel Common Areas
 Restaurants / Cafes
 Retail Spaces
 Showrooms

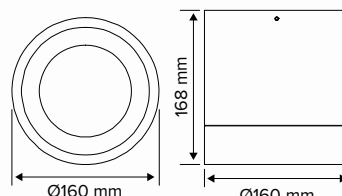
DIMENSIONS



M13W90R-WH-TRI / M13W90R-BK-TRI



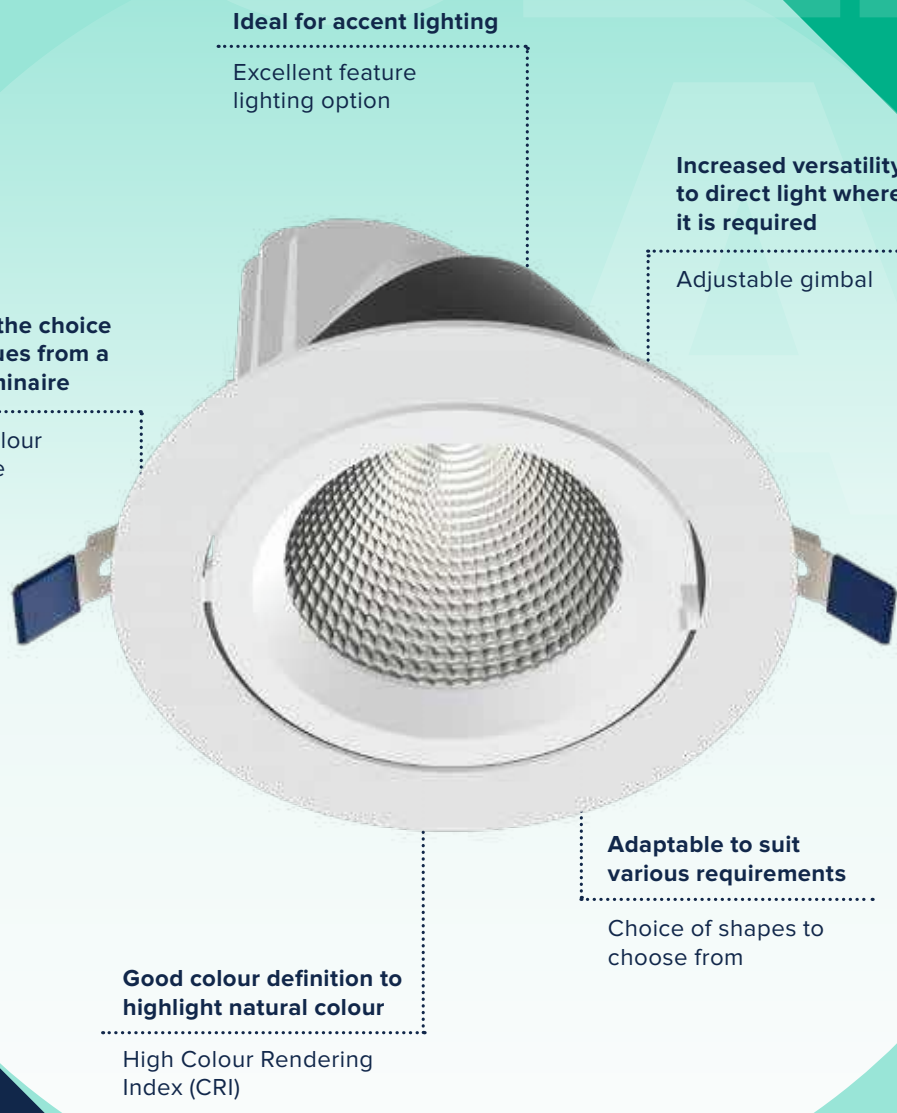
M20W130R-WH-TR / M20W130R-BK-TRI



M35W160R-WH-TRI / M35W160R-BK-TRI

Find out more





Ideal for accent lighting

Excellent feature lighting option

Increased versatility to direct light where it is required

Adjustable gimbal

Provides the choice of light hues from a single luminaire

Tritone colour selectable

Adaptable to suit various requirements

Choice of shapes to choose from

Good colour definition to highlight natural colour

High Colour Rendering Index (CRI)

CEDAR

Recessed adjustable design.

The new CEDAR is a powerful and economical, adjustable shoplight with multifaceted reflector technology and frosted lens for ideal glare control, with round and rectangular models available. Complete with tritone colour selection and four power switchable modes.

 4POWER Switchable Modes	 TRITONE Colour Selectable	 Flicker Free
 CLASS II Double Insulated	 50,000hr Projected Lifespan	 5yr Warranty

PRODUCT RANGE



Product Code	CEDAR-RND-TRI	CEDAR-REC-TRI
SAP Code	2002341	2002565
Power	26 / 30 / 34 / 38 W	26 / 30 / 34 / 37 W
Lumen Output	26 W: 2487 / 2607 / 2568 lm 30 W: 2824 / 2962 / 2913 lm 34 W: 3103 / 3232 / 3185 lm 38 W: 3320 / 3461 / 3403 lm	26W: 3195 / 3328 / 3300 lm 30W: 3667 / 3847 / 3799 lm 34W: 4074 / 4287 / 4210 lm 37W: 4422 / 4658 / 4556 lm
Efficacy	26 W: 99 / 102 / 102 lm/W 30 W: 96 / 99 / 98 lm/W 34 W: 93 / 95 / 95 lm/W 38 W: 90 / 92 / 92 lm/W	26W: 125 / 134 / 130 lm/W 30W: 123 / 133 / 128 lm/W 34W: 121 / 132 / 126 lm/W 37W: 119 / 131 / 124 lm/W
CCT	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K
Beam Angle	36°	76°
Adjustable Angle	0-38°	0 - 66°
Hole Cutout Size	Ø178 mm	220 x 130 mm
Dimensions	Ø200 x 149 mm	242 x 150 x 100 mm
Product Colour	White	White
CRI	> 85	> 80
Projected Lifespan	> 54,000hrs @Ta25°C (L70)	> 54,000hrs @Ta25°C(L80)
Diffuser Material	Polycarbonate (Clear)	Polycarbonate (Opal)
Power Factor	> 0.9	> 0.95
SDCM	< 3	< 5 (3K/5K); < 6 (4K)
IP Rating	IP20	Front IP40 Body IP20

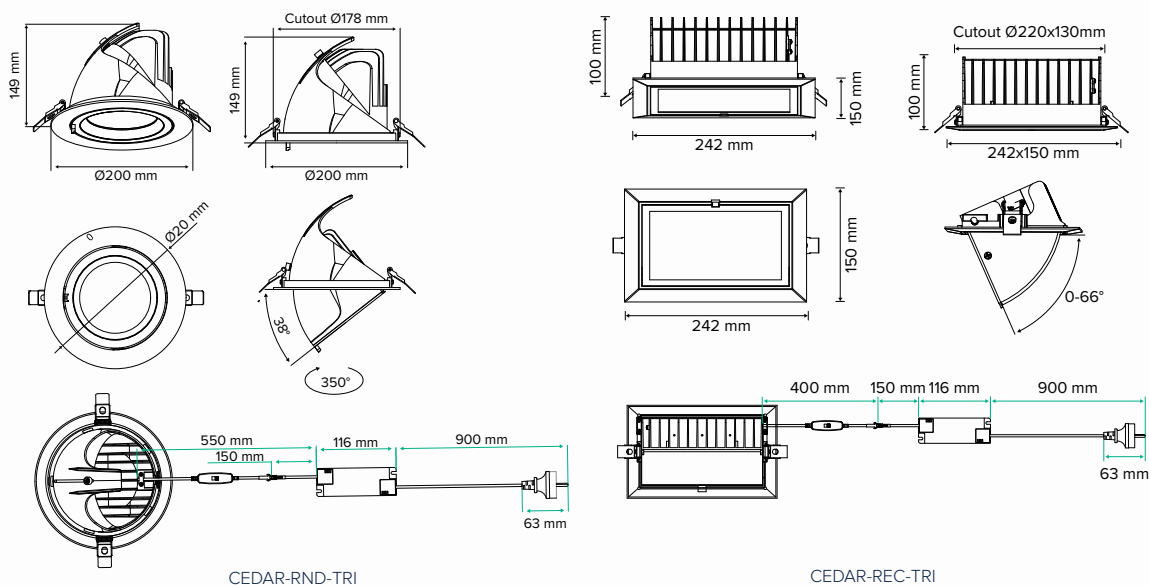
COMMON SPECIFICATIONS

Body Material	Aluminium	Flicker Free	Yes
Driver	Remote	Protection	Overload / Short Circuit
Power Lead	1.5m Flex & Plug	Operating Ambient Temperature	-20 to 45°C
Input Voltage	220-240Vac, 50/60 Hz	Smart	KASTA Compatible
Electrical Classification	Class II	Dimming	Non-Dimmable

APPLICATIONS

- Cocktail Lounge
- Food Courts
- Medical Facilities
- Hotel Common Areas
- Restaurants / Cafes
- Retail Spaces
- Showrooms

DIMENSIONS



Find out more



TRIM

Adjustable brightness to improve comfort

Dimmable driver

Greatly reduces glare while enhancing visual comfort

Deep recessed design

Increased versatility to direct light where it is required

Adjustable gimbal*



Ideal for accent lighting

Excellent feature lighting option

Premium performance for high-end applications

Engineered and optimised optical lens

TRIM

Target feature walls and spaces.

TRIM series is a range of low glare LED downlights boasting an ultra-slim trim design. With single lamp fixed, single wall washer or double lamp adjustable, it adds great value to apartment and hospitality projects.



IC-4
Covered & Abutted



UGR<19
Low Glare



DIM
Phase Cut Dimming



50,000hr
Projected Lifespan



5yr
Warranty

*Model dependent

PRODUCT RANGE



Product Code	TRIM11W3K50D	TRIM11W4K50D	TRIM11W3K50DWW	TRIM22W3K50D
SAP Code	2002041	2002042	2002043	2002044
Power	11 W	11 W	11 W	22 W (2x 11W)
Lumen Output	980 lm	1050 lm	930 lm	1790 lm
Efficacy	89 lm/W	95 lm/W	85 lm/W	81 lm/W
CCT	3000 K	4000 K	3000 K	3000 K
Beam Angle	50°	50°	30°	30°
Adjustable Angle	N/A	N/A	N/A	20°
Hole Cutout Size	Ø92 mm	Ø92 mm	Ø92 mm	153 x 75 mm
Dimensions	Ø98 x 100 mm	Ø98 x 100 mm	Ø98 x 100 mm	160 x 82 x 108 mm
Weight	0.40 kg	0.40 kg	0.40 kg	0.80 kg
Product Colour	White	White	White	White

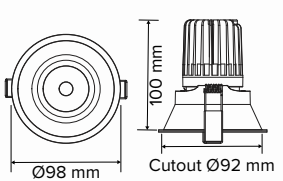
COMMON SPECIFICATIONS

Body Material	Aluminium	Electrical Classification	Class II
Diffuser Material	Polycarbonate (Clear)	Power Factor	> 0.9
IP Rating	IP20	Protection	Overload / Short Circuit
IC Rating	IC-4	Projected Lifespan	> 50,000hrs @Ta25°C (L70)
CRI	> 85	Operating Ambient Temperature	-20 to 40°C
SDCM	< 3	Smart	KASTA Compatible
Driver	Remote	Dimming	Phase-Cut Dimmable (Trailing Edge, 10-100%)
Power Lead	1.1m Flex & Plug		
Input Voltage	220-240Vac, 50/60Hz		

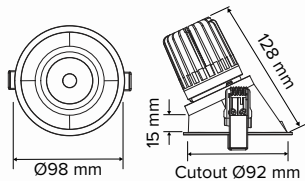
APPLICATIONS

- Lounge Room
- Hallways
- Entrance
- Accent / Display / Feature Lighting
- Staircase
- Walk-in Wardrobes
- Theatre Rooms
- Games Rooms
- Showrooms
- Function Areas
- Restaurants / Cafes
- Cocktail Lounge

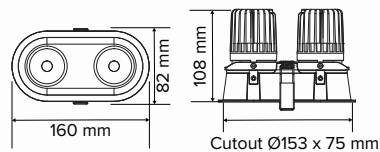
DIMENSIONS



TRIM11W3K50D / TRIM11W4K50D



TRIM11W3K50DWW



TRIM22W3K50D

Find out more



Adjustable brightness to improve visual comfort

Dimmable driver

Covers a diverse range of applications

Extensive model range

Provides the choice of light hues from a single luminaire

Tritone colour selectable



Enhances the premium look and feel

Painted aluminium housing

Increased versatility to direct light where it is required

Adjustable gimbal

XBOX

Adjustable modular design.

The highly flexible XBOX range combines multiple four-way adjustable LED downlights in square or rectangular frames, which can point in almost any direction.



DIM

Phase Cut Dimming



0-30°

Adjustment Angle



60°

Beam Angle



CLASS II

Double Insulated



50,000hr

Projected Lifespan



5yr

Warranty

PRODUCT RANGE



Product Code	XBOX15W-TRI	XBOX30W-TRI
SAP Code	2002563	2002564
Power	8 / 10 / 12 / 15 W	2 x 15 W
Lumen Output	8 W: 925 / 968 / 989 lm 10 W: 1172 / 1232 / 1254 lm 12 W: 1336 / 1414 / 1430 lm 15 W: 1545 / 1638 / 1654 lm	3064 / 3241 / 3017 lm
Efficacy	8 W: 110 / 117 / 117 lm/W 10 W: 110 / 118 / 116 lm/W 12 W: 108 / 117 / 106 lm/W 15 W: 109 / 120 / 117 lm/W	111 / 121 / 106 lm/W
CCT	3000 / 4000 / 5000 K	3000 / 4000 / 5000 K
Beam Angle	60°	60°
Adjustable Angle	0-30°	0-30°
Hole Cutout Size	160 x 160 mm	300 x 160 mm
IC Rating	Do Not Cover	Non-IC
Dimensions	176 x 176 x 89 mm	320 x 176 x 89 mm

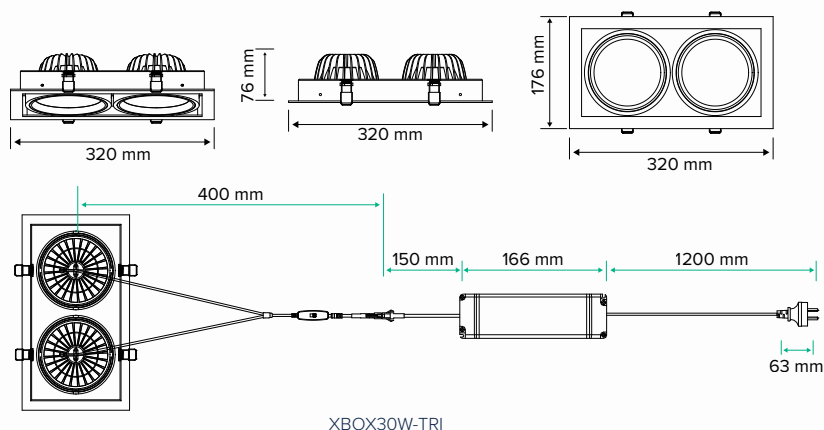
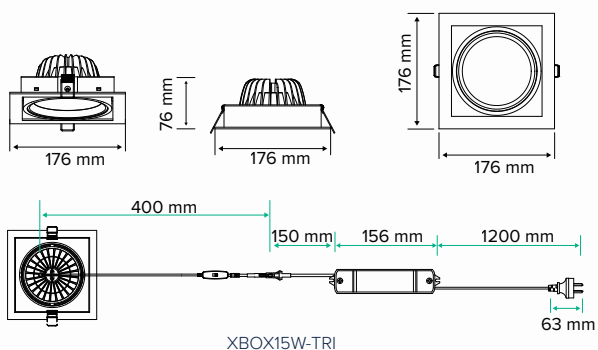
COMMON SPECIFICATIONS

Body Material	Aluminium	Electrical Classification	Class II
Diffuser Material	Polycarbonate (Clear)	Power Factor	> 0.9
IP Rating	Front IP40 Body IP20	Protection	Overload / Short Circuit
CRI	> 80	Projected Lifespan	> 50,000hrs @Ta25°C(L70)
SDCM	< 3	Operating Ambient Temperature	-25 to 45°C
Driver	Remote	Smart	KASTA Compatible
Power Lead	1.1m to 1.2m Flex & Plug	Dimming	Phase-Cut Dimmable (Trailing Edge, 10-100%) DALI, 0/1-10V, and DSI dimming available
Input Voltage	220-240Vac, 50/60Hz		

APPLICATIONS

Retail
Cafes
Restaurant
Hotels

DIMENSIONS



Find out more



Accessories

TRIM ADAPTORS



Product Code	TRIM-C2030-280-W
SAP Code	2001219
Type	Adaptor Ring (Cutout Ø230-260mm)
Compatible With	OVL230R-DIM OVL230R-DIM-BK C20/30W230R-MULTI



Product Code	TRIM-310-W
SAP Code	2002222
Type	Adaptor Ring (Cutout 230-280mm)
Compatible With	OVL230R-DIM OVL230R-DIM-BK C20/30W230R-MULTI

REFLECTORS



Product Code	AST10W-REF-WH	AST15W-REF-WH	AST20W-REF-WH
SAP Code	2002439	2002440	2002441
Type	White Reflector	White Reflector	White Reflector
Compatible With	AST10W-115 AST10W-115-BK	AST15W-145 AST15W-145-BK	AST20W-170 AST20W-170-BK

Product Code	AST25W-REF-WH	AST30W-REF-WH
SAP Code	2002442	2002443
Type	White Reflector	White Reflector
Compatible With	AST25W-190 AST25W-190-BK	AST30W-235 AST30W-235-BK



Product Code	AST10W-REF-BK	AST15W-REF-BK	AST20W-REF-BK
SAP Code	2002444	2002445	2002446
Type	Black Reflector	Black Reflector	Black Reflector
Compatible With	AST10W-115 AST10W-115-BK	AST15W-145 AST15W-145-BK	AST20W-170 AST20W-170-BK

Product Code	AST25W-REF-BK	AST30W-REF-BK
SAP Code	2002447	2002448
Type	Black Reflector	Black Reflector
Compatible With	AST25W-190 AST25W-190-BK	AST30W-235 AST30W-235-BK

MOUNTING SUPPORTS



Product Code	AST25W-SM-WH	AST30W-SM-WH
SAP Code	2002460	2002461
Type	White Surface Mount Housings	White Surface Mount Housings
Compatible With	AST25W-190 AST25W-190-BK	AST30W-235 AST30W-235-BK



Product Code	AST25W-SM-BK	AST30W-SM-BK
SAP Code	2002556	2002557
Type	Black Surface Mount Housings	Black Surface Mount Housings
Compatible With	AST25W-190 AST25W-190-BK	AST30W-235 AST30W-235-BK

Drivers

PHASE-CUT DIMMABLE DRIVERS



Product Code	HD-15-JST-PS	HD-25-JST-PS	HD-30-JST
SAP Code	2002159	2002160	2002161
Type	200 / 260 / 300 / 350mA Driver Flicker free	350 / 450 / 500 / 600mA Driver Flicker free	700mA Driver Flicker free
Compatible With	AST10W-115 AST10W-115-BK AST15W-145 AST15W-145-BK AURORA110-SQ OVL145R-DIM OVL145R-DIM-BK TRIM11W4K50D TRIM11W3K50D TRIM11W3K50DWW XBOX15W-TRI	AST20W-170 AST20W-170-BK AST25W-190 AST25W-190-BK AURORA145-SQ AURORA190-SQ C10/15W150R-MULTI C15/25W190R-MULTI OVL165R-DIM OVL165R-DIM-BK OVL200R-DIM OVL200R-DIM-BK TRIM22W3K50D	AST30W-235 AST30W-235-BK C20/30W230R-MULTI OVL230R-DIM OVL230R-DIM-BK OVL275R-DIM OVL275R-DIM-BK AURORA220-SQ XBOX30W-TRI
Product Code	HD-40-DC		
SAP Code	2002207		
Type	1050mA Driver Flicker free		
Compatible With	CEDAR-RND-TRI		

Additional leads may be required for plug and play operation

Drivers

0/1-10V DIMMABLE DRIVERS



Product Code	H10VD-25-JST-PS	H10VD-45-DC-PS
SAP Code	2002205	2002208
Type	200 / 230 / 260 / 300 / 350 / 500 / 700mA Driver Flicker free	350 / 500 / 600 / 700 / 900 / 1050mA Driver Flicker free
Compatible With	AST10W-115 AST10W-115-BK AST15W-145 AST15W-145-BK AST20W-170 AST20W-170-BK AURORA110-SQ AURORA145-SQ C10/15W150R-MULTI C15/25W190R-MULTI OVL145R-DIM OVL145R-DIM-BK OVL165R-DIM OVL165R-DIM-BK OVL200R-DIM OVL200R-DIM-BK TRIM11W4K50D TRIM11W3K50D TRIM11W3K50DWW TRIM22W3K50D XBOX15W-TRI	AST25W-190 AST25W-190-BK AST30W-235 AST30W-235-BK AURORA190-SQ AURORA220-SQ C20/30W230R-MULTI CEDAR-RND-TRI OVL230R-DIM OVL230R-DIM-BK OVL275R-DIM OVL275R-DIM-BK XBOX30W-TRI

DALI DIMMABLE DRIVERS



Product Code	HDALI-25-JST-PS	HDALI-45-JST-PS
SAP Code	2002299	2002149
Type	260 / 350 / 400 / 450 / 500 / 550 / 600 / 700mA Driver Flicker free	350 / 500 / 600 / 700 / 800 / 900 / 1050mA Driver Flicker free
Compatible With	AST10W-115 AST10W-115-BK AST15W-145 AST15W-145-BK AST20W-170 AST20W-170-BK AURORA110-SQ AURORA145-SQ C10/15W150R-MULTI C15/25W190R-MULTI OVL145R-DIM OVL145R-DIM-BK OVL165R-DIM OVL165R-DIM-BK OVL200R-DIM OVL200R-DIM-BK TRIM11W4K50D TRIM11W3K50D TRIM11W3K50DWW TRIM22W3K50D XBOX15W-TRI	AST25W-190 AST25W-190-BK AST30W-235 AST30W-235-BK AURORA190-SQ AURORA220-SQ C20/30W230R-MULTI CEDAR-RND-TRI OVL230R-DIM OVL230R-DIM-BK OVL275R-DIM OVL275R-DIM-BK XBOX30W-TRI

Additional leads may be required for plug and play operation