

Architectural downlights.

Elegant and flexible

Created with ultimate style and function in mind, our range of contemporary architectural downlights are suited for a variety of interiors.

Bespoke modular offering with 1901, made in the UK

Our part code matrix contains nine different configurables which create a bespoke architectural downlight, perfect for any interior design. The extensive 1901 range is entirely modular with both fixed and adjustable options, and a range of bezels. The range features a choice of beam angles along with colour temperatures, IP ratings and dimming options. 1901 is engineered to be as easy to use as possible and can fit seamlessly into the installation and commissioning stages of a lighting project.

The result is over one thousand, six hundred different combinations, all readily available at short notice.

1 1901 baffled downlight

2 Bezel / trim colour

Choose between a matt black or matt white bezel.

3 Baffle trim colour

Choose between a matt black or matt white baffle.

4 Style

Choose between round, slim round, square, single trimless or double trimless style options.

5 Fixed / adjustable

Choose between a fixed or adjustable fitting.

6 Colour temperature

Choose between a selection of colour temperatures - 2700K, 3000K or 4000K.

7 Beam angle

Choose between a wide, medium or narrow beam angle.

8 Dimming

Choose from a choice of drivers to suit any control preferences - Mains, DALI-2 or 1-10V.

9 IP rating

Choose the desired IP for your location - IP20, IP44 or IP65.

Fire rated hood accessory

Use a fire rated hood with your 1901 downlight, which complies with building regulations Part B.

BDLFH1

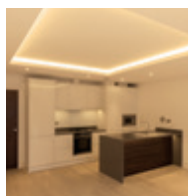


Made from woven glass fibre and with a 7 year extended warranty. Dimensions 130 x 130mm

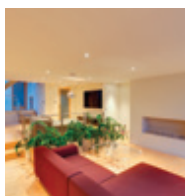
LED colour options

Choosing the correct colour temperature for your scheme can really help to create the right environment. Available in 2700K, 3000K and 4000K, we are committed to ensuring that we have colour consistency across our range, whether that is downlights, ground lights or LED strip lighting.

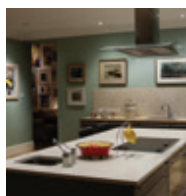
2700K



3000K



4000K



Surface mounted

Surface mounted LED downlights are perfect for when recessing is not an option. The DL Surface is equivalent to 35W halogen and comes complete with an integral driver and fixing kit, ensuring ease of install and a functional light output. Available in two colour temperatures, the DL surface and DL201 make for a great alternative to traditional downlights.

DLSURFACE



DL201



Mini adjustable spot lights

Small and discreet LED downlights provide style and function when used as part of a bigger lighting scheme or when lighting specific spaces. Made from machined aluminium, the mini adjustable lights are both sleek and functional. The mini adjustable LED spot lights can be adjusted by 20 degrees to direct the light, are designed with Plug & play connectivity and are available in two ambient LED colours.

DL120



DL130



Upgrade AR111 halogens to LED

Ideal for restaurants and other hospitality spaces, this powerful alternative for AR111 lamps utilises the latest LED technology to create efficient and interesting lighting schemes. The RL111 can be retrofitted into existing housing or our own range of AR housings for easy installation.

RL111



Upgrade MR16 halogens to LED

This compact and powerful LED module is ideal for replacing halogen lamps in existing housings. Compatible with MR16 housings and available in three LED colours, you can use with our adjustable DH housings to create discreet and low glare installations.

DM01



DM02



Fibre LED light

Historically, fibre optic lights have faced a lot of reluctance due to their cost, noise and heavy drivers which are unsuitable for installing above many ceilings. However, our fibre optic system uses just 1W of LED power to light up 30 strands and is hugely cost and time efficient. The flexibility in positioning the fibre LED light also allows for far shorter lengths of fibre optic cable.

Fibre LED Light



Fibre LED



AR housings

Complete with lamp retaining clip and fully adjustable, choose from three quality machined aluminium housings. Choose from single round, single square and double rectangular designs.

AR119



AR120



AR220



DH housings

Pick from a range of four adjustable downlight housings to create stunning effects. Choose from pinhole, baffled, highlights and wall wash designs.

DH02WH



DH03WH



DH04WH



DH05WH



Choosing the ideal 1901 downlight.

For your installation

Use the matrix below to work out which partcode you need.

1	2	3	4	5
B	B	0	0	A
D	L	1	1	F
			2	
			3	
			4	

1 Product type

B D Baffled downlight

2 Bezel trim colour

B Matt black bezel / trim
L Matt white bezel / trim

3 Baffle colour

0 Matt white baffle
1 Matt black baffle

7 Beam angle

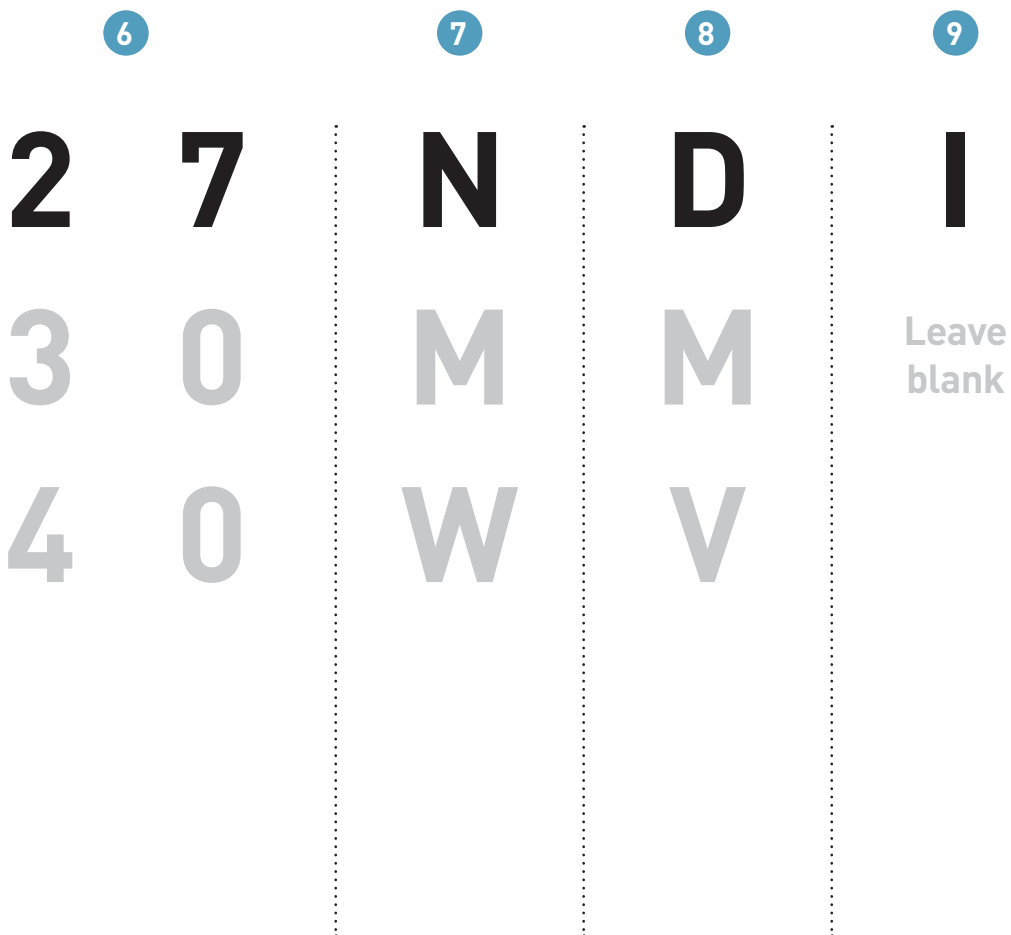
N Narrow 12°
M Medium 24°
W Wide 50°

8 Dimming

D DALI-2
M Mains
V 1-10V

9 IP rating

I IP65
- Standard version (IP20 or IP44)



4	Style	5	Fixed / Adjustable	6	Colour temperature
0	Slim round bezel*	A	Adjustable	27	2700K
1	Round bezel	F	Fixed	30	3000K
2	Square bezel			40	4000K
3	Single trimless				
4	Double trimless				

*Available in fixed only

2 Bezel / trim colour.

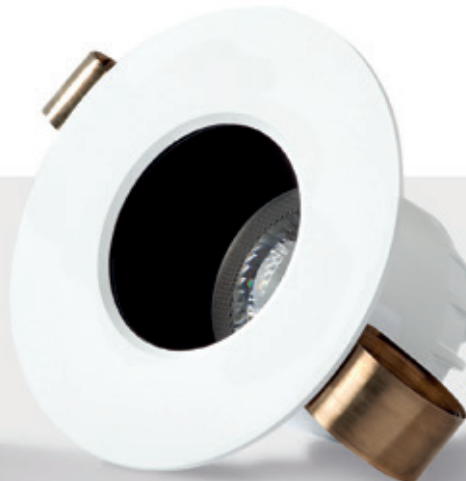
Slim and discreet the flat metal bezels are available in a choice of two colours.

B - Matt black bezel / trim

The black bezel is available on all round and square versions which are ideal for dark coloured ceilings to give a discreet look.

L - Matt white bezel / trim

The white bezel gives a discreet stylish low glare look for ultimate visual comfort.



4 Style.

Showcasing an aesthetically simple, low-glare luminaire design, with superior performance, a choice of styles are available to give it that perfect finish. Round, slim round, square, single trimless or double trimless style options are a perfect choice for luxury residential and hospitality lighting, giving it a sleek and stylish finish.



0 - Slim round bezel*

*Available in fixed only



1 - Round bezel



2 - Square bezel

3 Baffle colour.

Intelligently engineered with a stylish and sleek design our choice of baffles will create beautifully lit interior spaces.

0 - Matt white baffle

The white baffle will create a seamless finish blending into the ceiling.

1 - Matt black baffle

The black baffle will showcase a low-glare and high-quality appearance, showing colours and textures in their best light.



Single and double trimless versions can be plastered in for a discreet and stylish finish.



3 - Single trimless

4 - Double trimless

5 Fixed / adjustable.

The functional fittings are available in fixed or adjustable options.

F - Fixed

Fixed downward position achieves a broad spread of ambient light throughout a space. IP65 and IP44 versions.

A - Adjustable

Adjustable version with a 20° tilt and 360° rotatable design, ideal for vaulted ceilings so the light can be directed to exactly where it is required, such as highlighting features and artwork on walls. IP20 only.



7 Beam angle.

Wide, medium and narrow beam options can be selected, which can achieve the desired effect for the size of space.

N - Narrow 12°

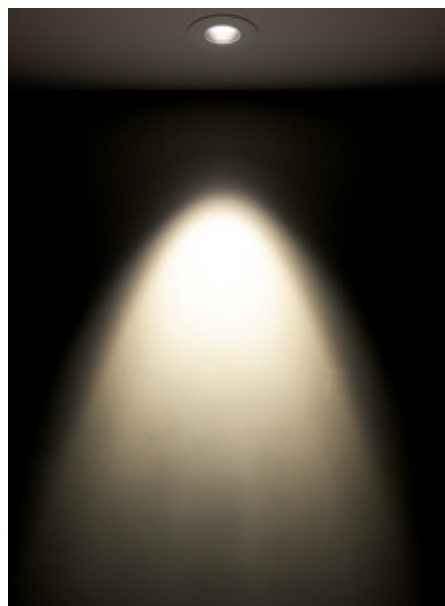
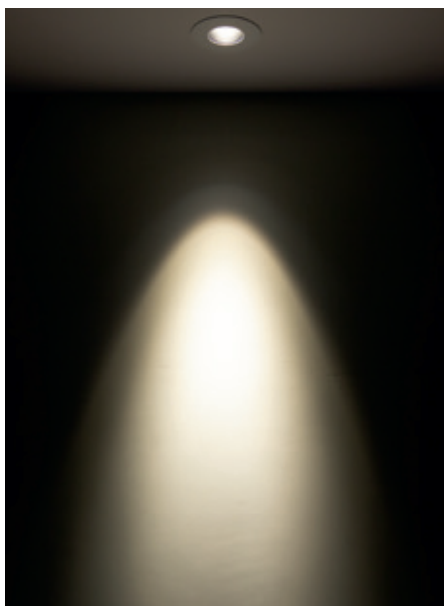
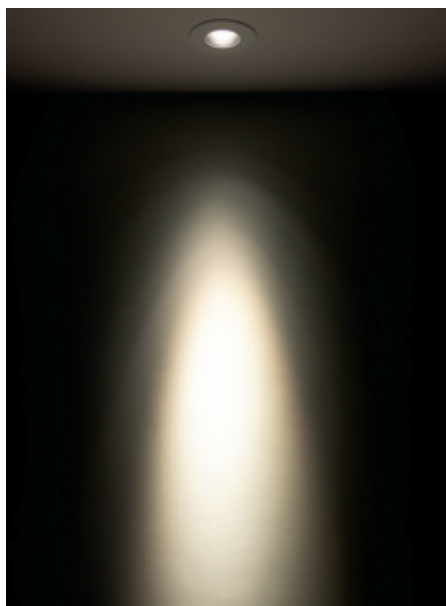
The narrow beam option has a greater intensity, making it ideal for smaller spaces.

M - Medium 24°

Medium beam option has more of an intense light, which is ideal for larger spaces.

W - Wide 50°

Wide beam angle is to cover a wider area, fewer lights are required which reduces costs spent on fittings.



6 Colour temperature.

Creating ambience and mood of a room is hugely dependant on the lighting chosen. Our selection of colour temperatures result in a comfortable low-glare, yet high impact light that enhances luxury interiors and stunning architectural features.

2700K

Create an inviting warm ambience, ideal for living rooms and bedrooms where you want to promote relaxation.



3000K

Create a slightly soft or warm white colour temperature. This is ideal for bathrooms and home-offices where visual tasks are more common.



4000K

This produces a brighter white colour which gives a warm effect as well as bright enough to work beneath it, such as kitchens.



8 Dimming options.

Choose from a choice of drivers to suit any control preferences.



M - Mains driver

A mains driver is suited if the product has an integrated mains dimmable driver, no separate driver is required and comes with an Easy-fit connector.



D - DALI-2 driver

The DALI driver can be structured in a way which will allow the LED to respond to certain rooms or zones.



V - 1-10V driver

The 1-10V system allows all the LEDs which are connected to the 1-10V driver dim to an equal amount. Up to 10 power supplies can be linked to one dimmer for dimming multiple fittings.

9 IP rating.

Three IP ratings are available depending on preference.

IP20

IP20 on an adjustable fitting is ideal for indoor spaces such as living rooms, dining rooms and other living spaces.



IP44

IP44 option on a fixed fitting can be used for areas where water maybe sprayed such as kitchens.



IP65

IP65 on a fixed version can be used for indoor spaces near water such as kitchens or bathrooms.



Technical information.

Use the matrix below to generate the ideal partcode for your installation.

Black baffle


Product	CCT	Beam angle	Wattage	CRI	lm	lx at 1m
Single fitting	4000K	12°	9.6W	≥90Ra	759	9018
Single fitting	4000K	24°	9.6W	≥90Ra	740	3595
Single fitting	4000K	50°	9.6W	≥90Ra	725	1318
Single fitting	3000K	12°	9.6W	≥90Ra	650	7816
Single fitting	3000K	24°	9.6W	≥90Ra	640	3191
Single fitting	3000K	50°	9.6W	≥90Ra	625	1136
Single fitting	2700K	12°	9.6W	≥90Ra	600	7214
Single fitting	2700K	24°	9.6W	≥90Ra	580	2866
Single fitting	2700K	50°	9.6W	≥90Ra	575	985
Double fitting	4000K	12°	19.2W	≥90Ra	2 x 750	2 x 9018
Double fitting	4000K	24°	19.2W	≥90Ra	2 x 740	2 x 3595
Double fitting	4000K	50°	19.2W	≥90Ra	2 x 725	2 x 1318
Double fitting	3000K	12°	19.2W	≥90Ra	2 x 650	2 x 7816
Double fitting	3000K	24°	19.2W	≥90Ra	2 x 640	2 x 3191
Double fitting	3000K	50°	19.2W	≥90Ra	2 x 625	2 x 1136
Double fitting	2700K	12°	19.2W	≥90Ra	2 x 600	2 x 7214
Double fitting	2700K	24°	19.2W	≥90Ra	2 x 590	2 x 2866
Double fitting	2700K	50°	19.2W	≥90Ra	2 x 575	2 x 985


White baffle


Product	CCT	Beam angle	Wattage	CRI	lm	lx at 1m
Single fitting	4000K	12°	9.6W	≥90Ra	759	9018
Single fitting	4000K	24°	9.6W	≥90Ra	740	3595
Single fitting	4000K	50°	9.6W	≥90Ra	725	1318
Single fitting	3000K	12°	9.6W	≥90Ra	650	7816
Single fitting	3000K	24°	9.6W	≥90Ra	640	3191
Single fitting	3000K	50°	9.6W	≥90Ra	625	1136
Single fitting	2700K	12°	9.6W	≥90Ra	600	7214
Single fitting	2700K	24°	9.6W	≥90Ra	580	2866
Single fitting	2700K	50°	9.6W	≥90Ra	575	985
Double fitting	4000K	12°	19.2W	≥90Ra	2 x 750	2 x 9018
Double fitting	4000K	24°	19.2W	≥90Ra	2 x 740	2 x 3595
Double fitting	4000K	50°	19.2W	≥90Ra	2 x 725	2 x 1318
Double fitting	3000K	12°	19.2W	≥90Ra	2 x 650	2 x 7816
Double fitting	3000K	24°	19.2W	≥90Ra	2 x 640	2 x 3191
Double fitting	3000K	50°	19.2W	≥90Ra	2 x 625	2 x 1136
Double fitting	2700K	12°	19.2W	≥90Ra	2 x 600	2 x 7214
Double fitting	2700K	24°	19.2W	≥90Ra	2 x 590	2 x 2866
Double fitting	2700K	50°	19.2W	≥90Ra	2 x 575	2 x 985

Architectural downlights.

01604 495 151
collingwoodlighting.com

 @collingwoodLED

 /collingwoodlighting

 collingwoodled

GUARANTEE / WARRANTY

7 year extended warranty

FEATURES & BENEFITS

White baffle & CRI 90+ for a low glare and high-quality appearance, showing colours and textures in their best light

Choice of fixed or adjustable function, allows you to direct light exactly where it is required

Mains, 1-10V or DALI dimming options for flexibility and integration with control systems

Comes with rolled spring clips and plug & play connectors to support ease of installation

7 year warranty: Collingwood's signature quality you can trust

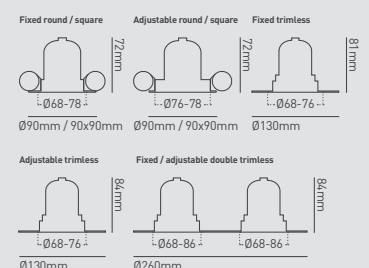
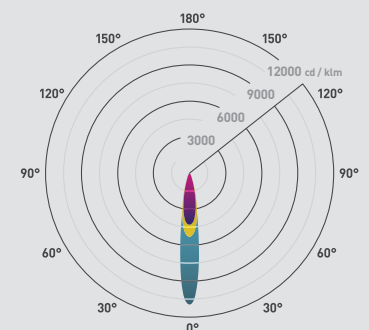
Narrow beam angle for highlighting features with a high intensity of light

Medium beam angle, excellent for corridor lighting

Wide beam angle for spreading light over a larger area

Slim and discreet flat metal bezel

Beam angle: 12° 24° 50°



1901

Sleek, low glare, baffled downlight

FEATURES

Wattage	9.6W / 19.2W
IP rating	Adjustable IP20 Fixed IP44 / IP65
Colour flexibility	Fixed colour
Tilttable	Fixed / 20°
Rotation angle	Fixed / 360°
UGR	0
Dimmable	Mains / DALI 2 / 1-10V
Input	Mains AC
LED lifetime	70,000h L70 B10
SDCM	3SDCM
Flicker free	Yes
Emergency version available	Yes

INSTALLATION INFORMATION

Install connector type	Loop-in loop-out
Insulation coverable	No
Cut out size	Slim Round: 65-68mm Fixed: 68-78mm Adjustable: 76-78mm Single Trim: 68-76mm Double Trim: 68-86mm
Bathroom zone	Adjustable N/A Fixed 1
Inrush current	DALI: 20A 17µs Mains: 2.6A/0.3ms 1-10V: 10A/22µs
Construction material	Aluminium
Maximum ceiling thickness	40mm
Weight	240g - 260g
Maximum ambient temperature	40°C
SELV	Yes
Building regulations	IP20: Part B, P, L IP44 / IP65: Part B, C, E, P, L Part B only if Firehood accessory used
Electric class [1, 2, 3]	2

PHOTOMETRICS @ 25°C

See Page 122

WIRING INFORMATION

Cable required for connector	2 x twin & earth (6242Y 3x1.5mm²) or 3-core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel

ACCESSORIES

LEDEP08	3hr non-maintained emergency pack (plug & play)	Sold separately	135
BDLFH1	Fire hood	Sold separately	114
DM298GRID	Grid Dimmer	Sold separately	107
DM298FP	Flatplate Dimmer	Sold separately	107