



# DOWNLIGHTS SPECIFICATION SHEET




**COLLINGWOOD  
LIGHTING**

01604 495 151  
collingwoodlighting.com

 /collingwoodlighting

 /collingwoodlighting

 collingwoodled

## H5 500

Mains, 1-10V, fire-rated, adjustable, colour switchable downlight

### FEATURES

IP rating	IP65
Colour flexibility	Colour switchable
Tilttable	20°
UGR	18
Dimmable	Yes
Input	220-240V 50/60Hz
LED Lifetime	70,000hrs (L70, B10)
CRI	>80Ra
SDCM	4SDCM
Flicker Free	Yes
Emergency version available	Yes

### INSTALLATION INFORMATION

Install Connector Type	Plug & Play
Insulation Coverable	Rolled and blown insulation
Cut Out Size	Ø110-115mm
Bathroom zone	1 (ceiling only)
Inrush Current	1.3A 1ms
Construction Material	Mild steel / PC
Maximum ceiling thickness	40mm
Weight	562g
Maximum ambient temperature	40°C
SELV	Yes
Building regulations	Part B, C, E, P
Ceiling Joist Approvals	Solid timber and I-Joist
Electric Class (1, 2, 3)	2

### GUARANTEE / WARRANTY

7 year extended warranty

### FEATURES & BENEFITS

Colour switchable, via a switch rear of the downlight

Fire-rated in both I-Joist and solid timber ceilings

20° adjustable downlight to adjust direction of light

Available in mains dimming or 1-10V

Compatible with magnetic reflectors which are sold separately, choose from 4 finishes

Low glare with a UGR of 18

Up to 120lm/W for low lifetime running costs

Plug & play connector for simple installation

Emergency version available

Supplied with a silver reflector for optimum performance and low glare

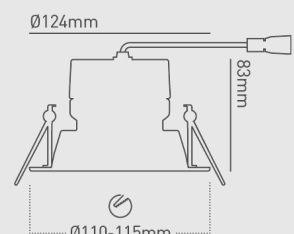
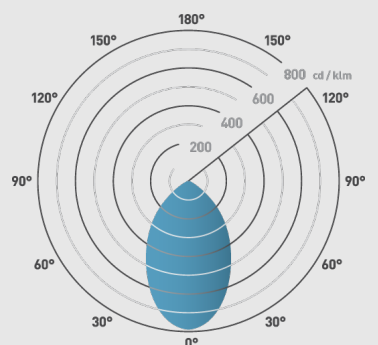
### WIRING INFORMATION

Cable / Flying Lead	0.2m
Cable Required for Connector	Twin & Earth (6242Y 2x1.5mm <sup>2</sup> ) or 3-core cable (R02V 3x1.5mm <sup>2</sup> )
Type of Wiring Required	Parallel

### ACCESSORIES

H5REF	H5 reflector range	Sold separately
DM298FP	Faceplate dimmer	Sold separately
DM298GRID	Grid dimmer	Sold separately
DLCVT170	H5 converter plate	Sold separately
LEDEP10	Emergency converter	Sold separately
Collingwood Smart System	Range available to turn the ordinary extraordinary	Sold separately

### Beam angle: 50°



# DOWNLIGHTS SPECIFICATION SHEET




**COLLINGWOOD  
LIGHTING**


## PHOTOMETRICS @ 25°C


Product code	Finish	Feature I	Feature II	Wattage	Colour	Beam angle	lm	lm/W	lx @ 1m
DL507MWM	Matt white	Mains	Standard	5W	2700K	50°	550	110	694
DL507MWM	Matt white	Mains	Standard	5W	3000K	50°	560	112	707
DL507MWM	Matt white	Mains	Standard	5W	4000K	50°	600	120	757
DL507MWMEM	Matt white	Mains	Emergency	5W	2700K	50°	550	110	694
DL507MWMEM	Matt white	Mains	Emergency	5W	3000K	50°	560	112	707
DL507MWMEM	Matt white	Mains	Emergency	5W	4000K	50°	600	120	757
DL507BSM	Brushed steel	Mains	Standard	5W	2700K	50°	550	110	694
DL507BSM	Brushed steel	Mains	Standard	5W	3000K	50°	560	112	707
DL507BSM	Brushed steel	Mains	Standard	5W	4000K	50°	600	120	757
DL507BSMEM	Brushed steel	Mains	Emergency	5W	2700K	50°	550	110	694
DL507BSMEM	Brushed steel	Mains	Emergency	5W	3000K	50°	560	112	707
DL507BSMEM	Brushed steel	Mains	Emergency	5W	4000K	50°	600	120	757
DL507CRM	Polished chrome	Mains	Standard	5W	2700K	50°	550	110	694
DL507CRM	Polished chrome	Mains	Standard	5W	3000K	50°	560	112	707
DL507CRM	Polished chrome	Mains	Standard	5W	4000K	50°	600	120	757
DL507CRMEM	Polished chrome	Mains	Emergency	5W	2700K	50°	550	110	694
DL507CRMEM	Polished chrome	Mains	Emergency	5W	3000K	50°	560	112	707
DL507CRMEM	Polished chrome	Mains	Emergency	5W	4000K	50°	600	120	757
DL507MWV	Matt white	1-10V	Standard	5W	2700K	50°	550	110	694
DL507MWV	Matt white	1-10V	Standard	5W	3000K	50°	560	112	707
DL507MWV	Matt white	1-10V	Standard	5W	4000K	50°	600	120	757
DL507MWVEM	Matt white	1-10V	Emergency	5W	2700K	50°	550	110	694
DL507MWVEM	Matt white	1-10V	Emergency	5W	3000K	50°	560	112	707
DL507MWVEM	Matt white	1-10V	Emergency	5W	4000K	50°	600	120	757
DL507BSV	Brushed steel	1-10V	Standard	5W	2700K	50°	550	110	694
DL507BSV	Brushed steel	1-10V	Standard	5W	3000K	50°	560	112	707
DL507BSV	Brushed steel	1-10V	Standard	5W	4000K	50°	600	120	757
DL507BSVEM	Brushed steel	1-10V	Emergency	5W	2700K	50°	550	110	694
DL507BSVEM	Brushed steel	1-10V	Emergency	5W	3000K	50°	560	112	707
DL507BSVEM	Brushed steel	1-10V	Emergency	5W	4000K	50°	600	120	757
DL507CRV	Polished chrome	1-10V	Standard	5W	2700K	50°	550	110	694
DL507CRV	Polished chrome	1-10V	Standard	5W	3000K	50°	560	112	707
DL507CRV	Polished chrome	1-10V	Standard	5W	4000K	50°	600	120	757
DL507CRVEM	Polished chrome	1-10V	Emergency	5W	2700K	50°	550	110	694
DL507CRVEM	Polished chrome	1-10V	Emergency	5W	3000K	50°	560	112	707
DL507CRVEM	Polished chrome	1-10V	Emergency	5W	4000K	50°	600	120	757

Please note, beam angle is changed to 40° when using the chrome reflector.  
Black reflector reduces lumen output by approximately 10%.

**01604 495 151**  
[collingwoodlighting.com](http://collingwoodlighting.com)

 /collingwoodlighting

 /collingwoodlighting

 collingwoodled

## H5 500

The renewed and refreshed H5 500 range has all the very latest features, benefits and LED technology. It is colour switchable, via a switch on the top of the fitting, with 2700K, 3000K and 4000K available to be selected before or during installation. It is adjustable up to 20 degrees to allow you to highlight features, as well as being fire rated and I-Joist approved for peace of mind after installation. Choose from different bezels and magnetic reflectors to create the desired fitting for your application.