

# DOWNLIGHTS (HALERS RANGE)

## TECHNICAL SPECIFICATION SHEET



COLLINGWOOD  
LIGHTING



## H4 FF 38°

### ADJUSTABLE DIMMABLE FIRE-RATED LED DOWNLIGHT

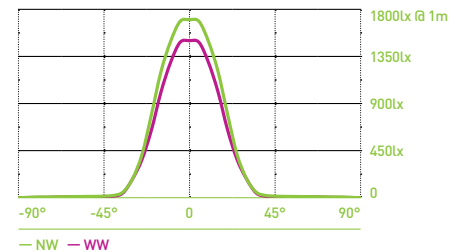


#### Features & Benefits

- Adjustable to  $\pm 20^\circ$  to direct light
- 30, 60 & 90 minute fire rating
- Equivalent to 50W Halogen
- Flexible driver position for easy installation
- Low profile. Only 56mm height

#### PHOTOMETRICS @ 25°C

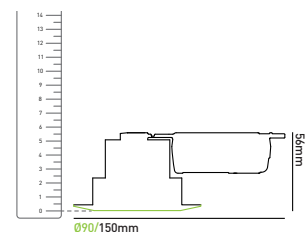
Colour	Finish	Product code	Beam angle	Wattage	Life of LED	CRI	lm	lm/W	lx(1m)
NW / 4000k	B/Steel	H4FF38BSNWDIM	38°	8.5W	L70, B10 70,000hrs	>80Ra	565	66	1700
	Chrome	H4FF38CRNWDIM							
	White	H4FF38WHNWDIM							
WW / 3000k	B/Steel	H4FF38BSWWDIM					530	62	1500
	Chrome	H4FF38CRWWDIM							
	White	H4FF38WHWWDIM							



#### GENERAL

Bathroom zone	1 (ceiling only)
Building regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)
Construction material	Steel / Aluminium
Cut-out (mm)	68-80
Drive over / Walk over	N/A
Face temperature when lit (°C)	55
IP rating	65
Rotation angle (°)	N/A
SELV (safety extra low voltage) driver	Yes (integral)
Tilt angle (°)	$\pm 20$
Weight (kg)	0.3

#### Dimensions



#### WIRING

Cable/flying lead (m)	0.15 (Class II)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

#### LED DRIVERS

Product code	mA	Power factor	Dimming	Bathroom zone	Min	Max
N/A (driver built in)	N/A	>0.95	Yes (mains)	N/A	N/A	N/A

#### ACCESSORIES

Product code	Description
DLCONVERT70	Hole converter plate for H4 FF / H2 Pro
DM298GRID	Mains grid dimmer
LEDEP05	3 hour maintained through hole emergency pack

#### WARRANTY

1 year (7 year extended warranty available)

#### Energy efficiency rating

