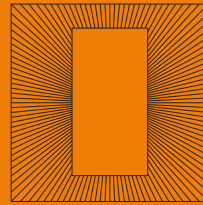


# Five Bow H

FBH— LED  
44 mm x 74/101 mm



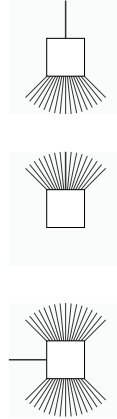
LIGHT FORMS

Linear

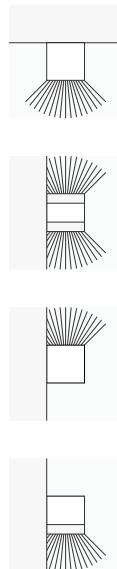
## Specification



## Suspended



## Wall/Surface



## Features

Flush or Drop Lens

Individual Fixture,  
Continuous Run or  
Configured Shape

Direct/Indirect, Indirect  
or Direct Distribution

Up to 6175 LM/M and  
125 LM/W

Three Standard Output  
Options

Tunable White, Low-Glare  
and RGB+W Options

Integral DALI, DMX, 10V or  
Phase Driver

Dimming Down to 0%  
Integral Downlight Spot  
Options

Integral Sensor Options

Aluminium, White, Black,  
Bronze or Custom RAL  
Finish

Photometry and additional documentation at:  
[LightForms.com/products/linear/five-bow-h/](https://LightForms.com/products/linear/five-bow-h/)

# Five Bow H

## LIGHT FORMS

F B H — Suspended, Wall, Surface

### INSTRUCTIONS

**Digital users:** Check selection boxes and fill in fields directly in fillable, interactive PDF, save file, submit to Light Forms.

**Manual users:** Check selection boxes and fill in fields with pen, scan and save ALL pages as PDF document, submit to Light Forms.

**1** **Base model / mounting** Select ONE

---

- FBHS**      Suspended
- FBHW**      Wall
- FBHSM**      Surface-Mount (direct only)

**2** **Size\*** Select ONE (linear or shape) and enter required length(s) in metres, ex: STR/20.5, US/9/7/6.5

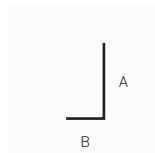
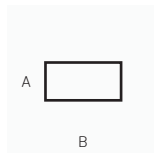
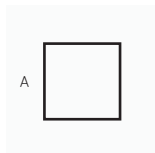
---

#### Individual or continuous run

Linear Length A  
 **STR**      Straight

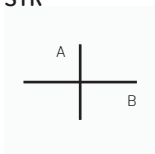
#### Configuration

Shape		Length A	Length B	Length C
<b>SQ</b>	Square	<input style="width: 50px;" type="text"/>		
<b>REC</b>	Rectangle	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	
<b>LL</b>	L - Left	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	
<b>LR</b>	L - Right	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	
<b>CX</b>	Cross	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	
<b>TEE</b>	T-Shape	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	
<b>US</b>	U-Shape	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<b>ZL</b>	Zed - Left	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<b>ZR</b>	Zed - Right	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>



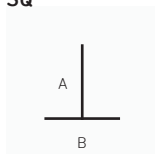
Straight

**STR**



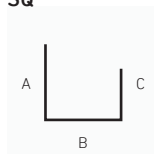
Square

**SQ**



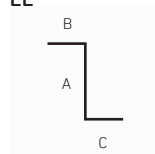
Rectangle

**SQ**



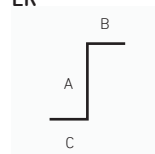
L-Left

**LL**



L-Right

**LR**



Cross

**CX**

T-Shape

**TEE**

U-Shape

**US**

Zed Left

**ZL**

Zed Right

**ZR**

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Manchester@  
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# Five Bow H

## LIGHT FORMS

F B H — Suspended, Wall, Surface

**3**

### Direct linear lamping & lens

Select NONE or ONE from EVERY category (note exceptions below)

NONE

Select when specifying an INDIRECT-ONLY fixture

#### Output

- MIN
- LOW
- MED
- HIQ
- UGR19#
- TUNE/LOW\*
- TUNE/MED\*
- RGBW^

#### CRI

- 80
- 90

#### CCT

- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 6500K

#### Lens

- DIFF/F
- DIFF/D

Diffuse, flush (std.)

Diffuse, drop (std.)

\*For TUNE/LOW and TUNE/MED, CRI and CCT do not apply (leave unchecked).

^For RGBW, CRI does not apply (leave unchecked) and select 3000K or 4000K CCT only. White LEDs can remain uncommissioned for RGB-only output

**4**

### Indirect linear lamping & lens

Select NONE or ONE from EVERY category (note exceptions below)

NONE

Select when specifying an DIRECT-ONLY fixture; indirect not available for surface mount

#### Output

- MIN
- LOW
- MED
- TUNE/LOW\*
- TUNE/MED\*
- RGBW^

#### CRI

- 80
- 90

#### CCT

- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 6500K

#### Lens

- DIFF/F
- DIFF/D

Diffuse, flush (std.)

Diffuse, drop (std.)

\*For TUNE/LOW and TUNE/MED, CRI and CCT do not apply (leave unchecked).

^For RGBW, CRI does not apply (leave unchecked) and select 3000K or 4000K CCT only. White LEDs can remain uncommissioned for RGB-only output

# Five Bow H

LIGHT FORMS

F B H — Suspended, Wall, Surface

## 5 Integral driver\* Select ONE

---

- NONDIM** Non-dimming
- DALI**<sup>#</sup> DALI driver, dimming down to 1%
- 1/10V**<sup>0</sup> 1-10V, dimming down to 1%
- 0/10V**<sup>0</sup> 0-10V, dimming down to 0%
- DMX**<sup>0^</sup> DMX driver, dimming down to 1%
- PHASE**<sup>0</sup> For use with phase-cut triac, IGBT or sine wave dimmer switches

\*Driver selection applies to direct, indirect and/or downlight spots. Contact Light Forms if separate driver types for each are required.

<sup>0</sup>Driver is REMOTE when specified with a DIFF/F lens

<sup>#</sup>DALI is required for use with TUNE/LOW and TUNE/MED; DALI (or DMX) is required for RGBW

<sup>0^</sup>DMX (or DALI) is required for use with RGBW

## 6 Finish\* Select ONE

---

- AL** Anodised aluminium (standard)
- WH** White powdercoat
- BLK** Black powdercoat
- BZ** Metallic bronze powdercoat
- RAL/ \_\_\_\_\_** Custom RAL<sup>#</sup> colour powdercoat, ex: RAL/3000

\*Contact factory for additional finish options including Interpon, Farrow & Ball and silver and gold plating

<sup>#</sup>See RAL colour options and codes at [lightforms.com/products/linear/five-bow-h/](http://lightforms.com/products/linear/five-bow-h/)

## 7 Powerfeed colour Select ONE

---

- GP** Grey (standard for suspended, default for other mountings)
- WP** White
- BP** Black
- TP** Transparent
- XP** Custom colour (contact Light Forms for options)

## 8 Canopy Select ONE

---

- NONE** Select NONE when specifying surface mount
- STD** 115 mm canopy for each separate powerfeed and suspension point (standard)
- SMALL** 82 mm canopy for each separate powerfeed and suspension point
- COMBO** 115 mm combo canopy for locations with both a powerfeed and suspension point

F B H — Suspended, Wall, Surface

9

## Optional add-ons

Select as many as apply

### A

#### EMERGENCY

EM#

Remote, 3-hour emergency battery, manual testing

EM/DALI#

Remote, 3-hour emergency battery with DALI interface, automatic testing

EC

Emergency circuit

### B

#### SENSOR

PRES#

Remote, PIR presence detector

DALI/PRES#

Remote, DALI-compatible PIR presence detector

PHOTO#

Remote, photocell/daylight detector

### C

#### WIRELESS CONTROL

OLP\*\*

Remote, Osram Lightify Pro wireless control module

\*Must choose DALI option in DRIVER section.

#Sensor, emergency battery and wireless control module are INTEGRAL when specified with DIFF/D lens and REMOTE when specified with DIFF/F lens

\*Must choose DALI option in DRIVER section

# Five Bow H

## LIGHT FORMS

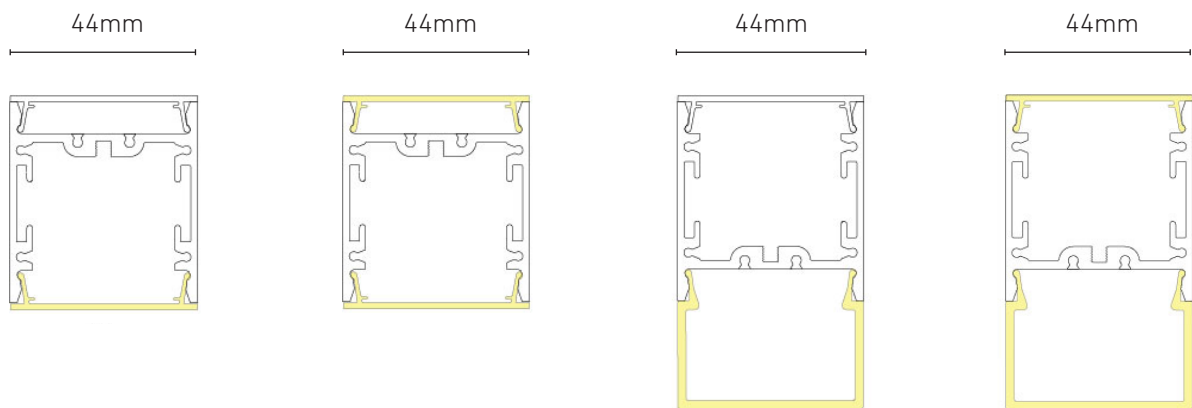
F B H — Suspended, Wall, Surface

### Dimensions

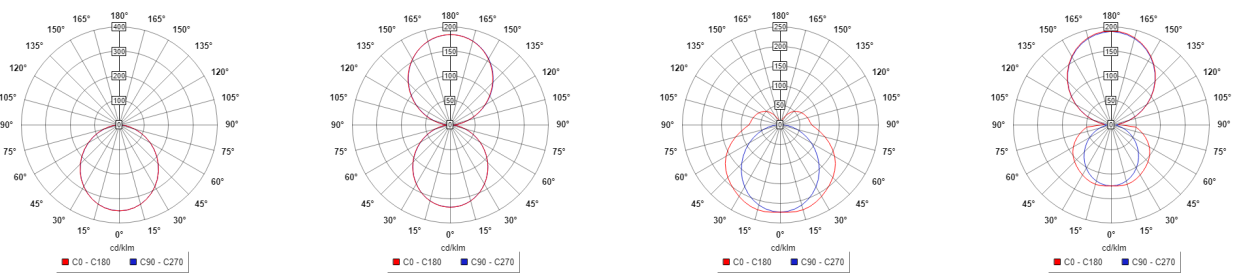
Direct only or indirect only

Fixture is flipped for indirect only

Direct / Indirect



### Distribution



F B H — Suspended, Wall, Surface

## Direct linear lamping – options & performance data\*

Output Options	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	LENS Options
Min <sup>#</sup>	1095	12	91	80 90	2700K 3000K 3500K 4000K 5000K 6500K	DIFF/F DIFF/D
Low <sup>#</sup>	1566	13.4	93			
Med <sup>#</sup>	3054	25	117			
Tune/Low <sup>#^</sup>	Tunable White Standard 1258 (at 4000K)	14	90	80	2700K-6500K	
Tune/Med <sup>#^</sup>	Tunable White High 1782 (at 4000K)	22	81	80	2700K-6500K	
RGBW	Colour-Changing RGB+White N/A (entire system) 365 (white only)	19.2 (entire system) 9 (white only)	N/A (entire system) 41 (white only)	N/A (entire system) 80 (white only)	3000K 4000K	

### L80 > 50,000 hours Luminous flux +/- 5%

\*Data provided is for the direct channel. Add and divide output numbers as necessary from both direct and indirect charts to calculate direct/indirect performance values.  
<sup>#</sup>Performance data is based on a connected-load photometric test of MED output with 80 CRI at 4000K using a DALI driver and DIFF/D lens. Data values for all other outputs are extrapolations.  
<sup>^</sup>Performance data is extrapolated based on a 4000K setting. Cooler and warmer CCT settings will provide a slight decrease in performance – lower lm/m, higher W/m, and lower lm/W.

### LENS options

DIFF is a white satin diffuser lens that produces smooth, even light across the lens surface. Choose flush (DIFF/F) or drop (DIFF/D). FROST is a semi-frosted, clear lens that produces more output, yet with less homogeneous light across the lens surface. UGR19 low-glare lamping comes with a prismatic lens and diffusing LED optic by default to achieve a UGR<19 rating.



F B H — Suspended, Wall, Surface

## Indirect inear lamping – options & performance data\*

Output Options	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	LENS Options
Min <sup>#</sup>	1120	12	93	80 90	2700K 3000K 3500K 4000K 5000K 6500K	DIFF/F DIFF/D
Low <sup>#</sup>	1601	13.4	119			
Med <sup>#</sup>	3121	25	125			
Tune/Low <sup>#^</sup>	Tunable White Standard 1286 (at 4000K)	14	92	80	2700K-6500K	
Tune/Med <sup>#^</sup>	Tunable White High 1821 (at 4000K)	22	83	80	2700K-6500K	
RGBW	Colour-Changing RGB+White N/A (entire system)	19.2 (entire system)	N/A (entire system)	N/A (entire system)	2700K-6500K	
	378 (white only)	9 (white only)	42 (white only)	80 (white only)		

### L80 > 50,000 hours Luminous flux +/- 5%

\*Data provided is for the direct channel. Add and divide output numbers as necessary from both direct and indirect charts to calculate direct/indirect performance values.  
<sup>#</sup>Performance data is based on a connected-load photometric test of MED output with 80 CRI at 4000K using a DALI driver and DIFF/D lens. Data values for all other outputs are extrapolations.  
<sup>^</sup>Performance data is extrapolated based on a 4000K setting. Cooler and warmer CCT settings will provide a slight decrease in performance – lower lm/m, higher W/m, and lower lm/W.

### LENS options

DIFF is a white satin diffuser lens that produces smooth, even light across the lens surface. Choose flush (DIFF/F) or drop (DIFF/D). FROST is a semi-frosted, clear lens that produces more output, yet with less homogeneous light across the lens surface. UGR19 low-glare lamping comes with a prismatic lens and diffusing LED optic by default to achieve a UGR<19 rating.





# Five Bow H

## LIGHT FORMS

F B H — Suspended, Wall, Surface

### Housing

100% recyclable, extruded architectural grade aluminium with minimum 2mm thickness.

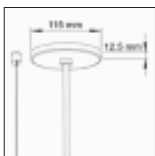
### Finish options

Silver, White, Black, Bronze or custom RAL powdercoat. Contact Light Forms for other finish options (Interpon, Farrow & Ball, and silver and gold plating).

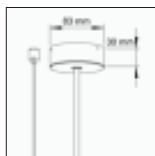


### Suspension mount canopy options

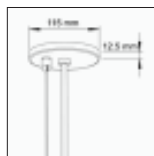
Standard (STD) comprises separate 115 mm powerfeed canopy and cable bullet at powerfeed locations. SMALL comprises separate 85 mm powerfeed canopy and cable bullet at powerfeed locations. COMBO comprises combined 115mm canopy (canopy and cable bullet) at powerfeed locations. All options include cable bullets for non-powerfeed locations.



Standard  
STD



Small  
SMALL



Combo  
COMBO

### Integral sensors

Optional, presence (PRES), DALI-compatible PIR presence (DALI/PRES) and daylight harvesting (PHOTO) sensors available. Contact Light Forms for further information.



### Weight

Approximately 2004 grams per linear metre. Weight will increase with the addition of integral downlights, sensors, and emergency batteries and may vary further depending on mounting and other options.

### Operating temperature

Luminaire **MUST** be installed and operated **ONLY** in dry or damp environments where the ambient temperature ranges from -20°C to 50°C. Luminaire operation in environments outside this temperature range voids the warranty **AND** may damage the product or adversely impact lamp life, lumen output and colour consistency.

### Warranty

5-year limited warranty.

### Manufacturing & certification

Products are manufactured in and comply with the health, safety and environmental protection standards of the respective region in which they are sold.



Europe



United Kingdom



Greater India  
and Middle East

# Five Bow H

LIGHT FORMS

F B H — Suspended, Wall, Surface

## Examples Five Bow H in use

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Details of installation