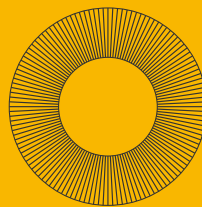


MoonBand 40

MB40 — LED
40 mm x 80 mm



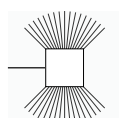
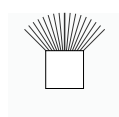
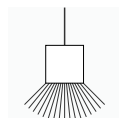
LIGHT FORMS

Arc

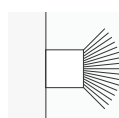
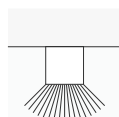
Specification



Suspended



Wall/Surface



Features

Six Diameter Options:
900 mm
1200 mm
1500 mm
1800 mm
2400 mm
3000 mm

Direct/Indirect, Direct or
Indirect Distribution

Up to 33,074 LM/M and
75 LM/W

Three Standard Output
Options

RGB+W Options

Integral DALI, DMX, 10V or
Phase Driver

Dimming Down to 0%

Integral Sensor Options

Aluminium, White, Black,
Bronze or Custom RAL
Finish

Photometry and additional documentation at:
LightForms.com/products/arc/moonband-60/

MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

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		
<input type="checkbox"/> MB60VS	Vertical Suspension	<input type="checkbox"/> MB60SM	Surface-Mount (direct only)	
<input type="checkbox"/> MB60RS	Rod Suspension			
<input type="checkbox"/> MB60CM	Central Suspension			
2	Size* Select ONE			
<input type="checkbox"/> 900	900 mm diameter			
<input type="checkbox"/> 1200	1200 mm diameter			
<input type="checkbox"/> 1500	1500 mm diameter			
<input type="checkbox"/> 1800	1800 mm diameter			
<input type="checkbox"/> 2400	2400 mm diameter			
<input type="checkbox"/> 3000	3000 mm diameter			
<input type="checkbox"/> 900	900 mm diameter			
3	Direct linear lamping & lens	Select NONE or ONE from EVERY category (note exceptions below)		
<input type="checkbox"/> NONE	Select when specifying an DIRECT-ONLY fixture; indirect not available for surface mount			
Output	CRI	CCT	Lens	
<input type="checkbox"/> MIN	<input type="checkbox"/> 80	<input type="checkbox"/> 2700K	<input type="checkbox"/> DIFF/F	Diffuse, flush (std.)
<input type="checkbox"/> LOW	<input type="checkbox"/> 90	<input type="checkbox"/> 3000K		
<input type="checkbox"/> MED		<input type="checkbox"/> 3500K		
<input type="checkbox"/> RGBW^		<input type="checkbox"/> 4000K		
		<input type="checkbox"/> 5000K		
		<input type="checkbox"/> 6500K		

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

MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

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	CRI	CCT	Lens	
<input type="checkbox"/> MIN	<input type="checkbox"/> 80	<input type="checkbox"/> 2700K	<input type="checkbox"/> DIFF/F	Diffuse, flush (std.)
<input type="checkbox"/> LOW	<input type="checkbox"/> 90	<input type="checkbox"/> 3000K		
<input type="checkbox"/> MED		<input type="checkbox"/> 3500K		
<input type="checkbox"/> RGBW [^]		<input type="checkbox"/> 4000K		
		<input type="checkbox"/> 5000K		
		<input type="checkbox"/> 6500K		

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

5 Integral driver* Select ONE

<input type="checkbox"/> NONDIM	Non-dimming
<input type="checkbox"/> DALI#	DALI driver, dimming down to 1%
<input type="checkbox"/> 1/10V	1-10V, dimming down to 1%
<input type="checkbox"/> 0/10V	0-10V, dimming down to 0%
<input type="checkbox"/> DMX [^]	DMX driver, dimming down to 1%
<input type="checkbox"/> PHASE	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. #DALI is required for use with TUNE/LOW and TUNE/MED; DALI (or DMX) is required for RGBW

[^]DMX (or DALI) is required for use with RGBW

6 Finish* Select ONE

<input type="checkbox"/> AL	Anodised aluminium (standard)
<input type="checkbox"/> WH	White powdercoat
<input type="checkbox"/> BLK	Black powdercoat
<input type="checkbox"/> BZ	Metallic bronze powdercoat
<input type="checkbox"/> RAL/ _____	Custom RAL [#] colour powdercoat, ex: RAL/3000

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

MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

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
- CCSTD 115 mm centralised combo canopy for powerfeed and all cables
- CCLG 360 mm centralised combo canopy for powerfeed and all cables

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.

MoonBand 40

LIGHT FORMS

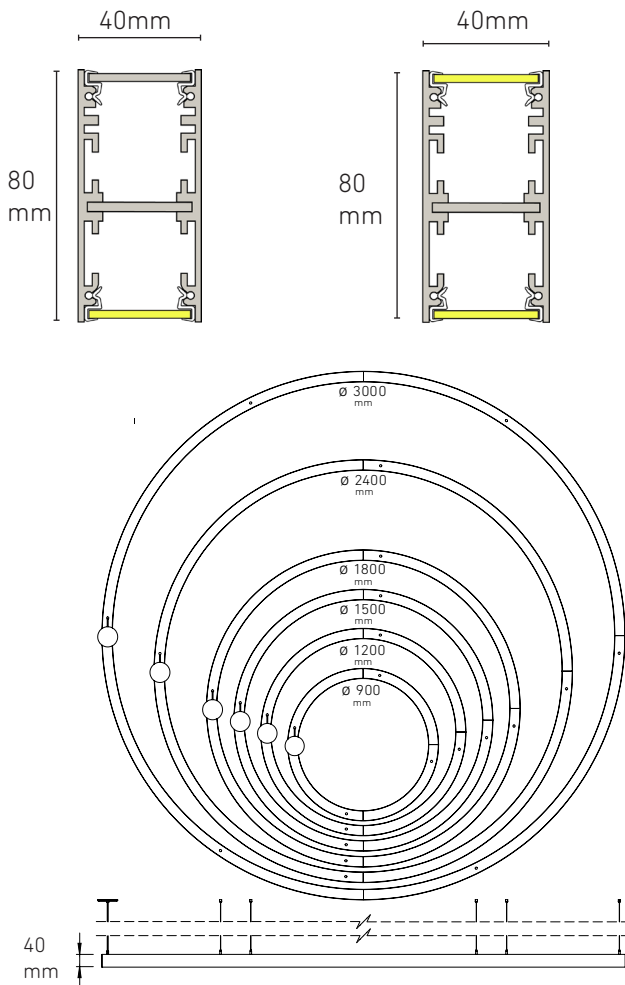
MB40 — Suspended, Surface
40 mm x 80 mm

Dimensions

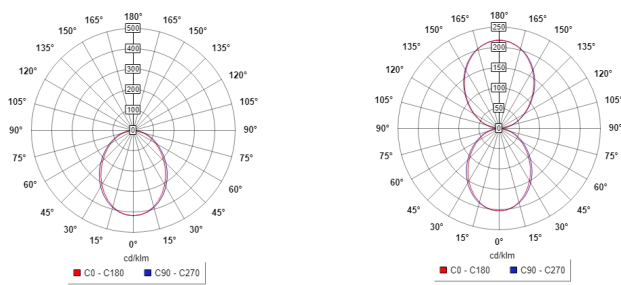
Direct only or indirect only

Direct / Indirect

Fixture is flipped for indirect only



Distribution



MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

Direct Linear Lamping – options & performance data*

Output Options	Size Options Diameter	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	Weight G
MIN#	900	1665	34	49	80 90	2700K	5087
	1200	2219	45			3000K	6782
	1500	2774	57			3500K	8478
	1800	3329	68			4000K	10174
	2400	4439	90			5000K	13565
	3000	5548	113			6500K	16956
LOW#	900	2382	38	63	80 90	2700K	5087
	1200	3176	50			3000K	6782
	1500	3971	63			3500K	8478
	1800	4765	76			4000K	10174
	2400	6353	101			5000K	13565
	3000	7941	126			6500K	16956
MED#	900	4643	71	66	80 90	2700K	5087
	1200	6191	94			3000K	6782
	1500	7739	118			3500K	8478
	1800	9266	141			4000K	10174
	2400	12382	188			5000K	13565
	3000	15477	236			6500K	16956

See More Direct Lamping Options and Performance data on Next Page...

MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

Direct Linear lamping – options & performance data*

Output Options	Size Options Diameter	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	Weight G
RGBW	900	System - N/A	54	22	N/A (entire system) 80 (white only)	3000K 4000K	5087
		White only - 562	25				
	1200	System - N/A	72				6782
		White only - 750	34				
	1500	System - N/A	90				8478
		White only - 937	42				
	1800	System - N/A	109				10174
		White only - 1125	51				
	2400	system - N/A	145				13565
		White only - 1500	68				
	3000	system - N/A	181				16956
		White only - 1875	85				

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

*Data provided is for either direct OR indirect distribution; performance values are the same for both. Performance data is based on a connected-load photometric test of MED output with 80 CRI at 4000K using a DALI driver and DIFF lens. Data values for all other outputs are extrapolations.

LENS options

DIFF is a white satin diffuser lens that produces smooth, even light across the lens surface.



Diffuse
DIFF

MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

Indirect Linear Lamping – options & performance data*

Output Options	Size Options Diameter	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options
MIN#	900	1893	34	56	80 90	2700K
	1200	2525	45			3000K
	1500	3156	57			3500K
	1800	3787	68			4000K
	2400	5049	90			5000K
	3000	6311	113			6500K
LOW#	900	2707	38	71	80 90	2700K
	1200	3610	50			3000K
	1500	4512	63			3500K
	1800	5415	76			4000K
	2400	7219	101			5000K
	3000	9024	126			6500K
MED#	900	5279	71	75	80 90	2700K
	1200	7039	94			3000K
	1500	8798	118			3500K
	1800	10558	141			4000K
	2400	14077	188			5000K
	3000	17597	236			6500K

See More Direct Lamping Options and Performance data on Next Page...

MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

Indirect Linear lighting – options & performance data*

Output Options	Size Options Diameter	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options
RGBW	900	System - N/A	54	28	N/A (entire system)	3000K 4000K
		White only - 757	25			
	1200	System - N/A	72			
		White only - 1010	34			
	1500	System - N/A	90			
		White only - 1262	42			
	1800	System - N/A	109			
		White only - 1515	51			
	2400	system - N/A	145			
		White only - 2020	68			
	3000	system - N/A	181			
		White only - 2525	85			

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

*Data provided is for either direct OR indirect distribution; performance values are the same for both. Performance data is based on a connected-load photometric test of MED output with 80 CRI at 4000K using a DALI driver and DIFF lens. Data values for all other outputs are extrapolations.

LENS options

DIFF is a white satin diffuser lens that produces smooth, even light across the lens surface.



Diffuse
DIFF

MoonBand 40

LIGHT FORMS

MB40 — Suspended, Surface
40 mm x 80 mm

Housing

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

Weight

Approximately 5087-16956 grams per unit. Weight may vary depending on mounting and other options.

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).

 Silver **SV**  White **WH**  Black **BLK**

 Bronze **BZ**  Custom **RAL**

Integral Sensors

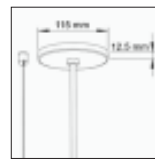
Optional, presence (PRES), DALI-compatible PIR presence (DALI/PRES) and daylight harvesting (PHOTO) sensors available. Contact Light Forms for further information.

Operating temperature

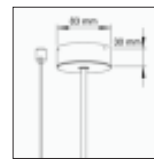
Luminaire **MUST** be installed and operated **ONLY** in dry or damp environments where the ambient temperature ranges from -20°C to 50°C. Luminaire operation in environments outside this temperature range voids the warranty **AND** may damage the product or adversely impact lamp life, lumen output and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

Suspension mount canopy options

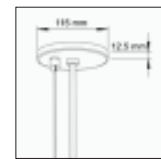
Standard (STD) comprises separate 115 mm powerfeed canopy and cable bullet at powerfeed locations. SMALL comprises separate 85 mm powerfeed canopy and cable bullet at powerfeed locations. COMBO comprises combined 115mm canopy (canopy and cable bullet) at powerfeed locations. All options include cable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



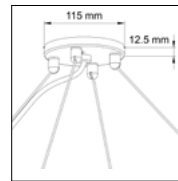
Standard
STD



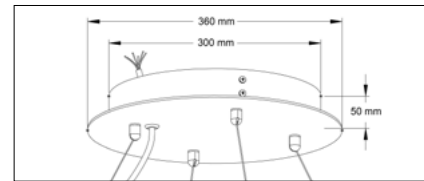
Small
SMALL



Combo
COMBO



Central Combo
Standard
CCSTD



Central Combo
Large
CCLG

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