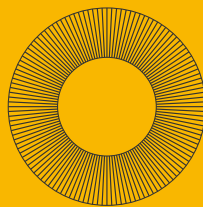


MoonBand 60

MB60 — LED
60 mm x 80 mm



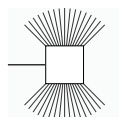
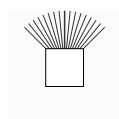
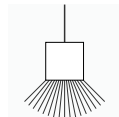
LIGHT FORMS

Arc

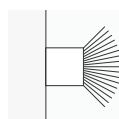
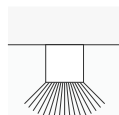
Specification



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 43,935 LM/M and
98 LM/W

Four 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 60

LIGHT FORMS

MB60 — Suspended, Surface
60 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"/> HIQ		<input type="checkbox"/> 4000K		
<input type="checkbox"/> RGBW^		<input type="checkbox"/> 5000K		
		<input type="checkbox"/> 6500K		

⁹If selecting any indirect output below, HI is NOT an option here for direct. Max output for direct/indirect is MED/MED.

[^]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 60

LIGHT FORMS

MB60 — Suspended, Surface
60 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"/> HIQ		<input type="checkbox"/> 4000K		
<input type="checkbox"/> RGBW^		<input type="checkbox"/> 5000K		
		<input type="checkbox"/> 6500K		

^oIf selecting any indirect output below, HI is NOT an option here for direct. Max output for direct/indirect is MED/MED.

[^]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 Downlight spots* Select NONE or ONE from EVERY category (note exceptions below)

NONE Select when specifying linear lamping only

Quantity*	Output	CRI	CCT	Lens
<input type="text"/>	<input type="checkbox"/> MIN/S	<input type="checkbox"/> 80	<input type="checkbox"/> 2700K	<input type="checkbox"/> 15 15° spread
	<input type="checkbox"/> LOW/S	<input type="checkbox"/> 90	<input type="checkbox"/> 3000K	<input type="checkbox"/> 25 25° spread
	<input type="checkbox"/> TUNE/S*		<input type="checkbox"/> 4000K	<input type="checkbox"/> 40 40° spread
	<input type="checkbox"/> RGB/S^			

*Contact Light Forms for desired spacing of spots within the fixture

#For TUNE/S and RGB/S, CRI and CCT do not apply (leave unchecked)

6 Integral driver* Select ONE

- NONDIM Non-dimming
- DALI# DALI driver, dimming down to 1%
- 1/10V 1-10V, dimming down to 1%
- 0/10V 0-10V, dimming down to 0%
- DMX^ DMX driver, dimming down to 1%
- 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

MoonBand 60

LIGHT FORMS

MB60 — Suspended, Surface
60 mm x 80 mm

7 **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

8 **Powerfeed colour** Select ONE

- | | |
|-----------------------------|--|
| <input type="checkbox"/> GP | Grey (standard for suspended, default for other mountings) |
| <input type="checkbox"/> WP | White |
| <input type="checkbox"/> BP | Black |
| <input type="checkbox"/> TP | Transparent |
| <input type="checkbox"/> XP | Custom colour (contact Light Forms for options) |

9 **Canopy** Select ONE

- | | |
|--------------------------------|--|
| <input type="checkbox"/> NONE | Select NONE when specifying surface mount |
| <input type="checkbox"/> STD | 115 mm canopy for each separate powerfeed and suspension point (standard) |
| <input type="checkbox"/> SMALL | 82 mm canopy for each separate powerfeed and suspension point |
| <input type="checkbox"/> COMBO | 115 mm combo canopy for locations with both a powerfeed and suspension point |
| <input type="checkbox"/> CCSTD | 115 mm centralised combo canopy for powerfeed and all cables |
| <input type="checkbox"/> CCLG | 360 mm centralised combo canopy for powerfeed and all cables |

10 **Optional add-ons** Select as many as apply

A **EMERGENCY**

- | | |
|----------------------------------|---|
| <input type="checkbox"/> EM | Remote, 3-hour emergency battery, manual testing |
| <input type="checkbox"/> EM/DALI | Remote, 3-hour emergency battery with DALI interface, automatic testing |
| <input type="checkbox"/> EC | Emergency circuit |

B **SENSOR**

- | | |
|------------------------------------|---|
| <input type="checkbox"/> PRES | Remote, PIR presence detector |
| <input type="checkbox"/> DALI/PRES | Remote, DALI-compatible PIR presence detector PHOTO Remote, photocell/daylight detector |

C **WIRELESS CONTROL**

- | | |
|-------------------------------|--|
| <input type="checkbox"/> OLP* | Remote, Osram Lightify Pro wireless control module |
|-------------------------------|--|

*Must choose DALI option in DRIVER section.

MoonBand 60

LIGHT FORMS

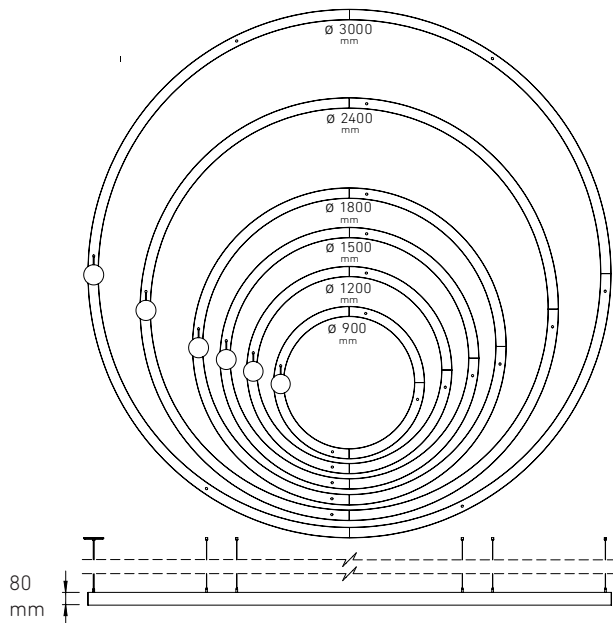
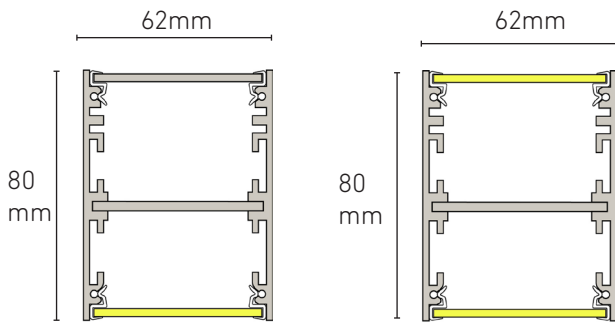
MB60 — Suspended, Surface
60 mm x 80 mm

Dimensions

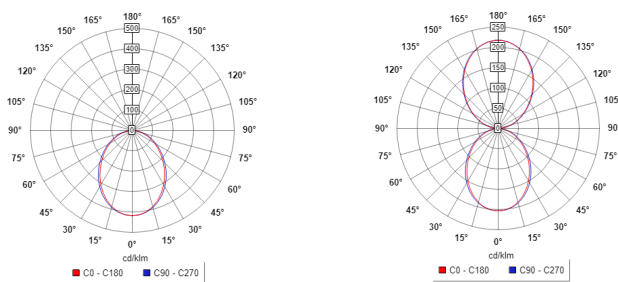
Direct only or indirect only

Fixture is flipped for indirect only

Direct / Indirect



Distribution



MoonBand 60

LIGHT FORMS

MB60 — Suspended, Surface
60 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	2249	34	66	80 90	2700K	6715
	1200	2999	45			3000K	8953
	1500	3749	57			3500K	11191
	1800	4499	68			4000K	13429
	2400	5999	90			5000K	17906
	3000	7498	113			6500K	22382
LOW#	900	3219	38	85	80 90	2700K	6715
	1200	4292	50			3000K	8953
	1500	5365	63			3500K	11191
	1800	6438	76			4000K	13429
	2400	8584	101			5000K	17906
	3000	10729	126			6500K	22383
MED#	900	6268	71	89	80 90	2700K	6715
	1200	8357	94			3000K	8953
	1500	10447	118			3500K	11191
	1800	12536	141			4000K	13429
	2400	16715	188			5000K	17906
	3000	20894	236			6500K	22383

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

MoonBand 60

LIGHT FORMS

MB60 — Suspended, Surface
60 mm x 80 mm

Direct Linear lamping – options & performance data*

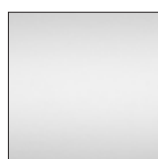
Output Options	Size Options Diameter	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	Weight G
HI#	900	10354	126	82	80 90	2700K	6715
	1200	13806	168			3000K	8953
	1500	17257	210			3500K	11191
	1800	20709	252			4000K	13429
	2400	27612	336			5000K	17906
	3000	34515	420			6500K	22382
RGBW	900	System - N/A	54	28	N/A (entire system) 80 (white only)	3000K 4000K	6715
		White only - 757	25				8935
	1200	System - N/A	72				11191
		White only - 1010	34				13429
	1500	System - N/A	90				17906
		White only - 1262	42				22382
	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 60

LIGHT FORMS

MB60 — Suspended, Surface
60 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	Weight G
MIN#	900	2284	34	66	80 90	2700K	6715
	1200	3312	45			3000K	8953
	1500	4140	57			3500K	11191
	1800	4968	68			4000K	13429
	2400	6624	90			5000K	17906
	3000	8280	113			6500K	22382
LOW#	900	3544	38	85	80 90	2700K	6715
	1200	4725	50			3000K	8953
	1500	5906	63			3500K	11191
	1800	7088	76			4000K	13429
	2400	9450	101			5000K	17906
	3000	11813	126			6500K	22383
MED#	900	6912	71	89	80 90	2700K	6715
	1200	9217	94			3000K	8953
	1500	11521	118			3500K	11191
	1800	13825	141			4000K	13429
	2400	18433	188			5000K	17906
	3000	23041	236			6500K	22383

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

MoonBand 60

LIGHT FORMS

MB60 — Suspended, Surface
60 mm x 80 mm

Indirect Linear Lamping – options & performance data*

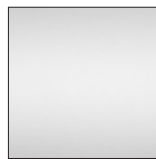
Output Options	Size Options Diameter	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	Weight G
HI#	900	11426	126	82	80 90	2700K	6715
	1200	15234	168			3000K	8953
	1500	19043	210			3500K	11191
	1800	22851	252			4000K	13429
	2400	30468	336			5000K	17906
	3000	38085	420			6500K	22382
RGBW	900	System - N/A	54	28	N/A (entire system) 80 (white only)	3000K 4000K	6715
		White only - 757	25				8935
	1200	System - N/A	72				11191
		White only - 1010	34				13429
	1500	System - N/A	90				17906
		White only - 1262	42				22382
	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 60

LIGHT FORMS

MB60 — Suspended, Surface
60 mm x 80 mm

Downlight Spots – options & performance data*

Output Options	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	Weight G
MIN/S	1101	11.6	95	80 90	2700K	15
LOW/S	1430	15.9	90		3000K 4000K	25 40
TUNE/S	Contact Light Forms for Options & Details					
RGB/S	Contact Light Forms for Options & Details					

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

#Performance calculations are based on connected-load photometric tests with 80 CRI at 4000K and 40° beam spread.

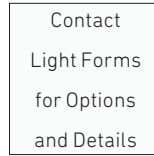
Spots



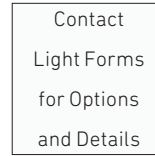
Minimum
MIN/S



Low
LOW/S



Contact
Light Forms
for Options
and Details
Tunable White
TUNE/S



Contact
Light Forms
for Options
and Details
RGB
RGB/S

MoonBand 60

LIGHT FORMS

MB60 — Suspended, Surface
60 mm x 80 mm

Housing

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

Weight

Approximately 6715-22383 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

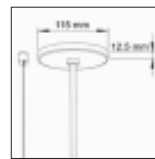
Optional, presence (PRES), DALI-compatible PIR presence (DALI/PRES) and daylight harvesting (PHOTO) sensors available. Contact Light Forms for further information.

Operating temperature

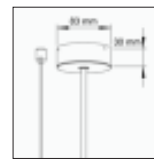
Luminaire MUST be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -20°C to 50°C. Luminaire operation in environments outside this temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and colour consistency.

Suspension mount canopy options

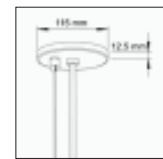
Standard (STD) comprises separate 115 mm powerfeed canopy and cable bullet at powerfeed locations. SMALL comprises separate 85 mm powerfeed canopy and cable bullet at powerfeed locations. COMBO comprises combined 115mm canopy (canopy and cable bullet) at powerfeed locations. All options include cable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



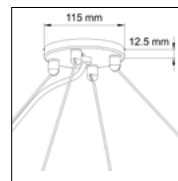
Standard
STD



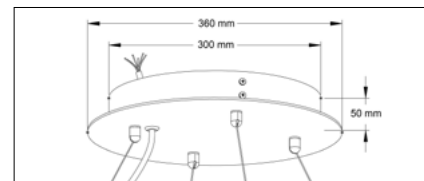
Small
SMALL



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