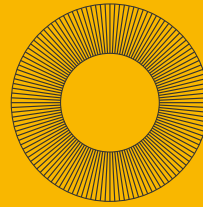


MoonRing 1

MR1 — LED
25 mm x 28 mm



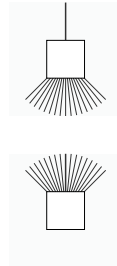
LIGHT FORMS

Arc

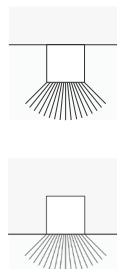
Specification



Suspended



Surface/Recessed



Photometry and additional documentation at:
[LightForms.com/products/arc/moonring-1/](https://lightforms.com/products/arc/moonring-1/)

Features

Six Diameter

Options:

900 mm

1200 mm

1500 mm

1800 mm

2400 mm

3000 mm

Direct or Indirect
Distribution

Up to 11982 LM and
136 LM/W

Two Standard Output
Options

Remote DALI, DMX, 10V or
Phase Driver

Dimming Down to 0%

Remote Sensor Options

Aluminium, White, Black,
Bronze or Custom RAL
Finish

MoonRing 1

LIGHT FORMS

MR1 — Suspended, Surface, Recessed

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"/> MR1S	Suspended	<input type="checkbox"/> MR1RDT	Recessed, Drop Tile Ceiling
<input type="checkbox"/> MR1SM	Surface Mount (direct only)	<input type="checkbox"/> MR1RO	Recessed, Other Ceiling Type
<input type="checkbox"/> MR1RPB	Recessed, Plasterboard Ceiling		

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

3	Lamping & lens	Select NONE or ONE from EVERY category (note exceptions below)			
<input type="checkbox"/> NONE	Select when specifying an INDIRECT-ONLY fixture				
Distribution	Output	CRI	CCT	Lens	
<input type="checkbox"/> DIRECT	<input type="checkbox"/> LOW	<input type="checkbox"/> 80	<input type="checkbox"/> 2700K	<input type="checkbox"/> DIFF/F	Diffuse, flush (std.)
<input type="checkbox"/> INDIRECT#	<input type="checkbox"/> MED	<input type="checkbox"/> 90	<input type="checkbox"/> 3000K		
			<input type="checkbox"/> 3500K		
			<input type="checkbox"/> 4000K		
			<input type="checkbox"/> 5000K		
			<input type="checkbox"/> 6500K		

Not available with surface mount nor recessed

4	Remote 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	

#DALI is required for use with TUNE/S; DALI (or DMX) is required for RGB/S

^DMX (or DALI) is required for use with RGB/S

MoonRing 1

LIGHT FORMS

MR1 — Suspended, Surface, Recessed

5	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

#See RAL colour options and codes at lightforms.com/products/arc/moonring-1/

6	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) |

7	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 |

8	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 |
| <input type="checkbox"/> 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.

MoonRing 1

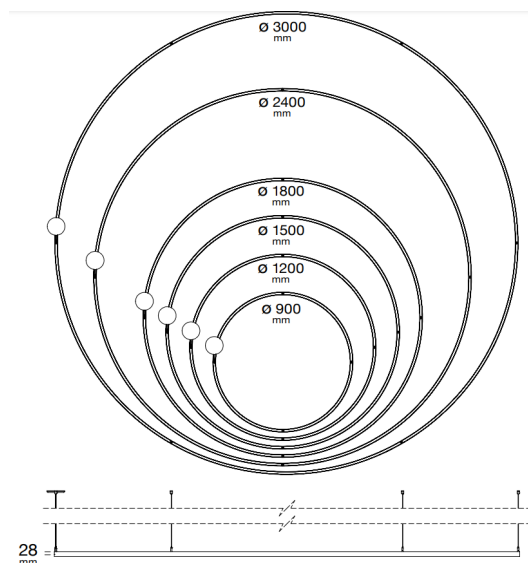
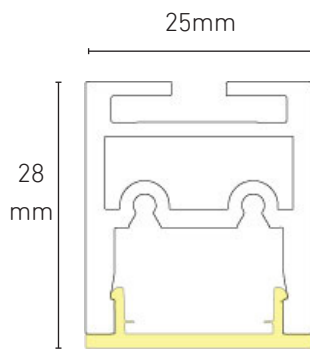
LIGHT FORMS

MR1 — Suspended, Surface, Recessed

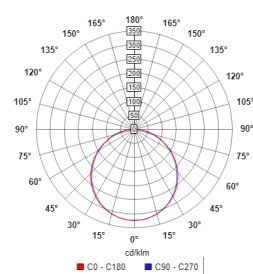
Dimensions

Direct only or indirect only

Fixture is flipped for indirect only



Distribution



MoonRing 1

LIGHT FORMS

MR1 — Suspended, Surface, Recessed

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
Low [#]	900	1390	41	34	80 90	2700K	2227
	1200	1854	54			3000K	2895
	1500	2317	68			3500K	3564
	1800	2781	81			4000K	4292
	2400	3708	109			5000K	5631
	3000	4635	136			6500K	6968
Med [#]	900	3595	44	82	80 90	2700K	2227
	1200	4793	58			3000K	2895
	1500	5991	73			3500K	3564
	1800	7189	87			4000K	4292
	2400	9586	116			5000K	5631
	3000	11982	145			6500K	6968

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, flush diffuser lens that produces smooth, even light across the lens surface.



Diffuse
DIFF

MoonRing 1

LIGHT FORMS

MR1 — Suspended, Surface, Recessed

Housing

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

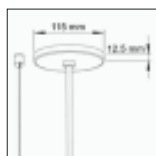
Finish options

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

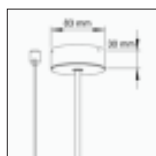


Suspension mount canopy options

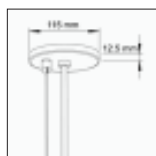
Standard (STD) comprises separate 115 mm powerfeed canopy and cable bullet at powerfeed locations. SMALL comprises separate 85 mm powerfeed canopy and cable bullet at powerfeed locations. COMBO comprises combined 115mm canopy (canopy and cable bullet) at powerfeed locations. All options include cable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



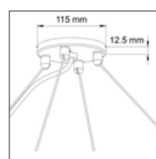
Standard
STD



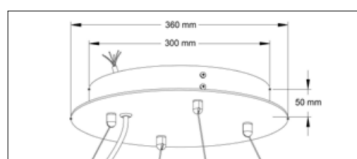
Small
SMALL



Combo
COMBO



Central Combo
Standard
CC STD



Central Combo
Large
CCLG

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 8116-27054 grams per unit. 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

MoonRing 1

LIGHT FORMS

MR1 — Suspended, Wall, Surface, Recessed

Examples MoonRing 1 in use



Details of installation



Details of installation