

Commalite – CML

LED – 83 mm x 46 mm

FEATURES

300° Rotatable
Light Channel

Individual Fixture or
Continuous Run

Direct Distribution

Up to 3011 LM/M
and 120 LM/W

Three Standard
Output Options

Tunable White and
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

OSRAM

LED Drivers &
Light Engines
Included

*Exceptions
may apply.
Enquire for
more details.*

SUSPENDED



WALL / SURFACE (STEM-MOUNT)



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

CML	Suspended
CMLSM150	Wall/Surface, stem-mount with 150 mm arms
CMLSM250	Wall/Surface, stem-mount with 250 mm arms

2. SIZE* Indicate total length in metres, ex: 20.5.

Length Individual fixtures or joined sections to form a continuous run

3. LINEAR LAMPING & LENS Select ONE from each category (note exceptions)

NONE Select when specifying an INDIRECT-ONLY fixture

OUTPUT	CRI	CCT	LENS	
MIN	80	2700K	DIFF	Diffuse (std.)
LOW	90	3000K		
MED		3500K		
TUNE/LOW*		4000K		
TUNE/MED*		5000K		
RGBW^		6500K		

*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. 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

#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

5. FINISH* Select ONE

AL	Anodised aluminium (standard)
WH	White powdercoat
BLK	Black powdercoat
BZ	Metallic bronze powdercoat
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/RAL

6. 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)

7. CANOPY Select ONE

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

8. OPTIONAL ADD-ONS Select as many as apply

A. EMERGENCY

EM	Integral, 3-hour emergency battery, manual testing
EM/DALI	Integral, 3-hour emergency battery with DALI interface, automatic testing
EC	Emergency circuit

B. SENSOR

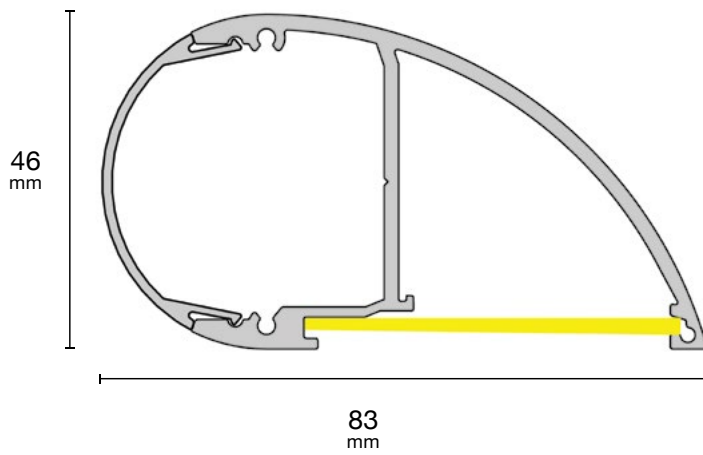
PRES	Integral, PIR presence detector
DALI/PRES	Integral, DALI-compatible PIR presence detector
PHOTO	Integral, photocell/daylight detector

C. WIRELESS CONTROL

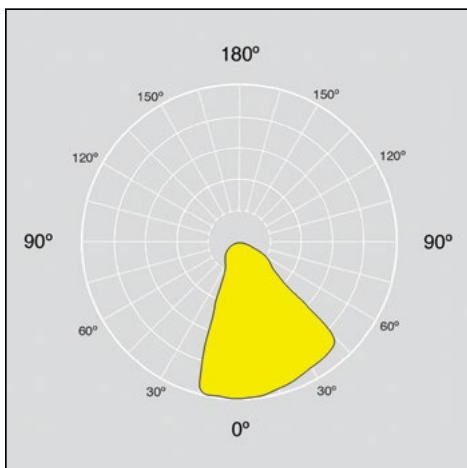
OLP*	Integral, Osram Lightify Pro wireless control module
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*Must choose DALI option in DRIVER section.

DIMENSIONS



DISTRIBUTION



LED LAMPING – OPTIONS & PERFORMANCE DATA

OUTPUT OPTIONS	DELIVERED LUMENS LM/M	WATTS W/M	EFFICACY LM/W	CRI OPTIONS	CCT OPTIONS	LENS OPTIONS
MIN[#]	1080	12	90	80 90	2700K 3000K 3500K 4000K 5000K 6500K	DIFF
LOW[#]	1544	13.4	115			
MED[#]	3011	25	120			
TUNE/LOW^{#^}	Tunable White Standard 1240 (at 4000K)	14	89	80	2700K-6500K	
TUNE/MED^{#^}	Tunable White High 1756 (at 4000K)	22	80	80	2700K-6500K	
RGBW	Colour-Changing RGB+White N/A (entire system) 364 (white only)	19.2 (entire system) 9 (white only)	N/A (entire system) 40 (white only)	N/A (entire system) 80 (white only)	3000K 4000K	

L80 > 50,000 hours

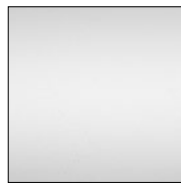
Luminous flux +/- 5%

[#]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.

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



Diffuse
DIFF

SPECIFICATION DETAILS

HOUSING

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

FINISH OPTIONS

Standard finish is "Ultimate" aluminium - a smooth, clean and durable finish achieved from a deep etch, two-step clear anodising process. White, Black, Bronze or custom RAL powdercoat options are also specifiable. Contact Light Forms for other finish options (Interpon, Farrow & Ball and silver and gold plating).



Aluminium
AL



White
WH



Black
BLK



Bronze
BZ

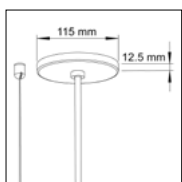


Custom RAL
RAL

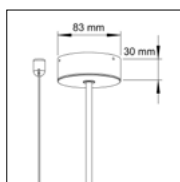
View all RAL colour options at: <https://lightforms.com/RAL>

SUSPENSION MOUNT CANOPY OPTIONS

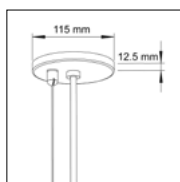
Standard (STD) comprises separate 115 mm powerfeed canopy and cable bullet at powerfeed locations. SMALL comprises separate 85 mm powerfeed canopy and cable bullet at powerfeed locations. COMBO comprises combined 115mm canopy (canopy and cable bullet) at powerfeed locations. All options include cable 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 1822 grams per linear metre. Weight will increase with the addition of integral 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. Details: lightforms.com/warranty

MANUFACTURING & CERTIFICATION

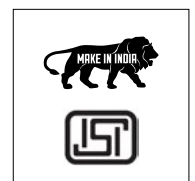
Products are manufactured in and comply with the health, safety and environmental protection standards of the respective region in which they are sold as indicated below.



Europe



Asia



Greater India
+ Middle East

PHOTOS

