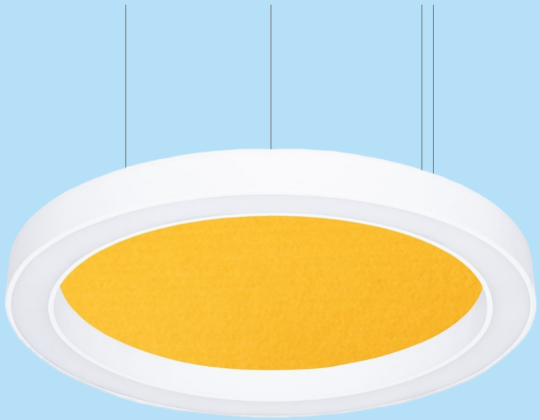
AcousticLUX 2

TECHNICAL DATA SHEET

1200 x 1200mm

- Decorative Acoustic ring shaped LED luminaire
- Light Distribution: Direct
- Optical System: Opal PMMA diffuser
- Housing: Steel
- Colour: Made to customers specification, see page 3 for options



ELECTRICAL DATA

Main Voltage:	220-240V, 0/50/60Hz	System power*, W:	34.8w to 72.4w
Power Factor:	>0,95	Control gear:	ECG On/off or Dali
Integrated Sensor:	Available		

LIGHTING DATA

Luminaire output*,lm(ta+25°C):	4200lm to 8200lm	System efficacy, lm/W:	Up to 126
CRI (Ra):	80+, CRI90 on request	CCT, K:	3000K to 4000K
SDCM:	3	Light Distribution:	Symmetrical wide beam
Distribution Type:	Direct	Beam angle, °:	105
UGR Index:	<19	LED lifetime, h:	50000/L80B10

TECHNICAL DATA

Dimensions, mm:	L1200 W1200 H80	Quantity in package, pcs:	1
Net weight, kg:	14.9		

STANDARDS

Operating temperature range, °C:	ta0...+35	Mechanical impact resistance:	IK02
Ingress protection code:	IP40	Certificates:	CE, ROHS

Note: Tolerance range for optical and electrical data: ±10%. MERIT LIGHTING SOLUTIONS is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification.

MERIT LIGHTING SOLUTIONS

Phone: **+44 (0) 208 087 8084**
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The Stanley Building
7 Pancras Square
London N1C 4AG

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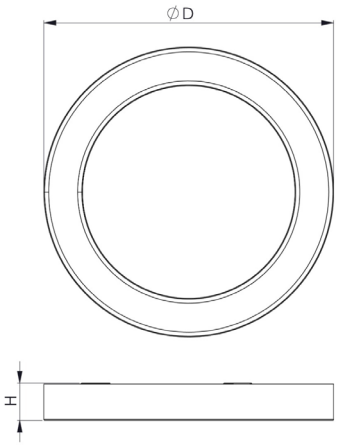
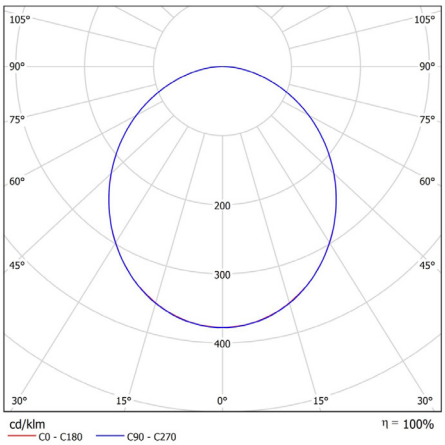
TECHNICAL DATA SHEET

TECHNICAL DRAWING



LIGHT DISTRIBUTION CURVE



PRODUCTS

COLOUR (K)	LUMINAIRE OUTPUT (LLM)	POWER (W)	EFFICACY (LLM/W)	PART CODE
3000	4197	34.8	121	ACLX2/1212/4200/3K
3000	5719	49.8	115	ACLX2/1212/5700/3K
3000	7861	72.4	109	ACLX2/1212/7900/3K
4000	4394	34.8	126	ACLX2/1212/4400/4K
4000	5987	49.8	120	ACLX2/1212/6000/4K
4000	8231	72.4	114	ACLX2/1212/8200/4K

OPTIONS

	PART CODE
DALI driver	/DD
3 Hour emergency	/E3S
3 hour DALI emergency	/E3D
MeritMESH	/MM

	PART CODE
MeritMESH with Sensor	/MMS
Integrated DALI sensor	/IDS
Custom RAL	/RAL

EXAMPLE PART CODE: **ACLX2/1212/4400/4K/DD/E3D**

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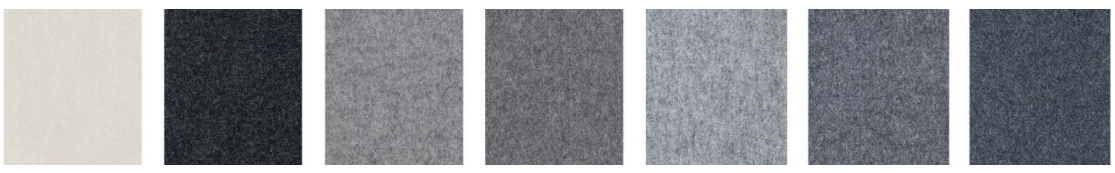
TECHNICAL DATA SHEET

Material Colour:

Natural colour:



MN01	MN02	MN03	MN04	MN05	MN06	MN07
Ivory Beige	Shadow Black	Stone Beige	Moon Beige	Silver Grey	Ash Grey	Anthracite

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