

# AcousticLUX 5

## TECHNICAL DATA SHEET

300 x 300mm

- Surface or suspended acoustic LED luminaire
- Light Distribution: Direct
- Optical System: Opal PMMA diffuser
- Housing: Steel
- Colour: White (RAL9003S), custom RAL available, see page 3 for options



### ELECTRICAL DATA

Main Voltage:	220-240V, 0/50/60Hz
Power Factor:	>0,95
Integrated Sensor:	Available

System power*, W:	16.2w to 104.5w
Control gear:	ECG On/off or Dali

### LIGHTING DATA

Luminaire output*,lm(ta+25°C):	3200lm TO 11700lm
CRI (Ra):	80+, CRI90 on request
SDCM:	3
Distribution Type:	Direct
UGR Index:	<19

System efficacy, lm/W:	Up to 111
CCT, K:	4000
Light Distribution:	Direct
LED lifetime, h:	50000/L80B10
Beam Angle:	116

### TECHNICAL DATA

Dimensions, mm:	L300 W300 H150,H250,H400
Net weight, kg:	1.8 up to 7.7

Quantity in package, pcs:	1
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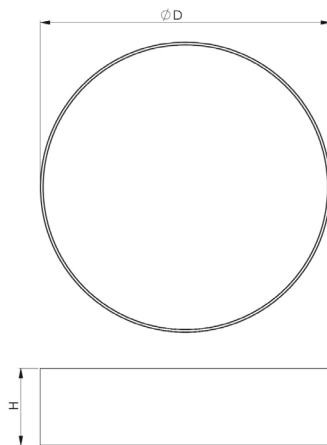
### STANDARDS

Operating temperature range, °C:	ta0...+35
Ingress protection code:	IP40

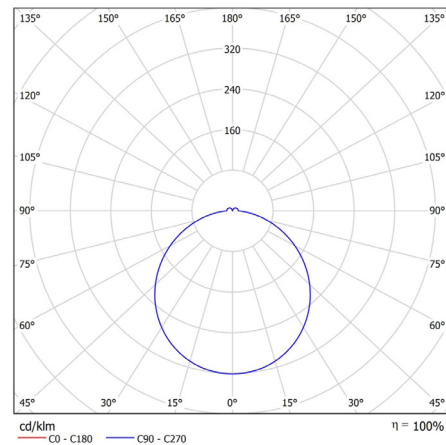
Mechanical impact resistance:	IK02
Certificates:	CE, ROHS

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

### TECHNICAL DRAWING



### LIGHT DISTRIBUTION CURVE



### PRODUCTS

COLOUR (K)	LUMINAIRE OUTPUT (LLM)	POWER (W)	EFFICACY (LLM/W)	PART CODE
4000	1638	16.2	101	ACLX5/331/1600/4K
4000	1411	16.2	87	ACLX5/332/1400/4K
4000	1593	23.2	69	ACLX5/334/1600/4K

### 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:** ACLX5/331/1600/4K/DD/E3D

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### Material Colour:



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