

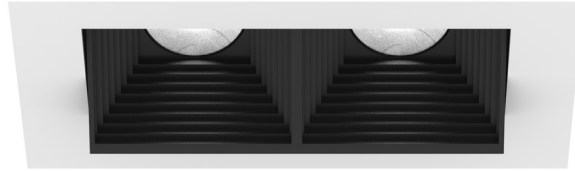
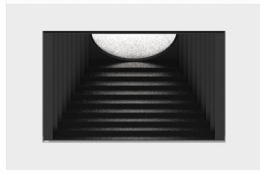
NANO SYSTEM

High Visual Comfort LED Downlight

Nano changes the way we perceive “downlights” with the use of “Nano” optics harnessing the LED output and providing a high visual comfort. Designers can work creatively without limitations and maximise the benefits of this high performance light source.

NANO SYSTEM

High Visual Comfort LED Downlight



Features

- Die-cast body with a drop forge heatsink
- 30° Beam Distribution as standard
- Toolless operation. Quick connect plugs
- Multiple outputs and styles
- Available in 3000K and 4000K colour temperature
- Average rated Lamp design life 50000hrs / 70%
- Dimmable. (refer to the driver platform) operates from the common driver platform
- One of a family of 5 trim sizes with 5 wattage options (2.2W/4.4W/11W/22W/33W)
- 3 year warranty

3

Applications

- Designed for retail fit out, commercial areas, transit corridors, break out areas, lobby's, common areas

Specifications

	Nano 1	Nano 2	Nano 5	Nano 10	Nano 15
Colour temp	3000K and 4000K	3000K and 4000K	3000K and 4000K	3000K and 4000K	3000K and 4000K
Lumen output	See chart	See chart	See chart	See chart	See chart
CRI	>90	>90	>90	>90	>90
Macadams step	3 SDCM	3 SDCM	3 SDCM	3 SDCM	3 SDCM
Beam distribution	Symmetric	Symmetric	Symmetric	Symmetric	Symmetric
Default beam angle	30°	30°	30°	30°	30°
Lumen maintenance	L70 50,000hrs	L70 50,000hrs	L70 50,000hrs	L70 50,000hrs	L70 50,000hrs
Control	REMOTE	REMOTE	REMOTE	REMOTE	REMOTE
Dimensions	L:48xW:48xH:46mm	L:83xW:50xH:61mm	L:175xW:50xH:61mm	L:330xW:50xH:61mm	L:486xW:50xH:61mm
Cutout	40x40mm	41x76mm	41x166mm	41x324mm	41x477mm
Min recessed depth	90mm	90mm	90mm	90mm	90mm
Power factor	0.9	0.9	0.9	0.9	0.9
Electrical rating	Class III	Class III	Class III	Class III	Class III

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Technical Requirements

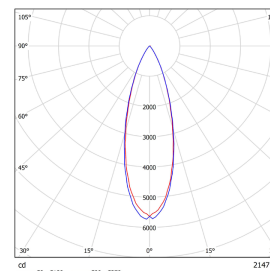
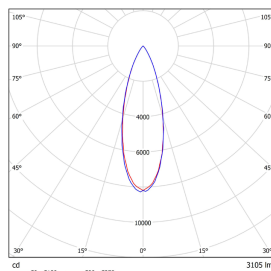
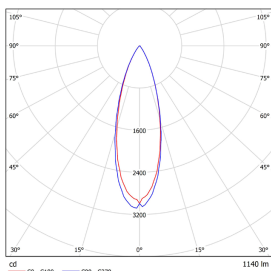
Required Component					
Driver		2.2W	4.4W	11W	
DAD20F01	Non-Dim	700mA*	700mA*	700mA*	
DAD20D01	DALI				
DAD20V035001	1-10V				
* = Factory Default					

Body selection	Description	Wattage	Lumens Initial	Lumens Exit	mA setting
NA0483701M	NANO 2.2W 3K 30° WHITE	2.2	196	178	700
NA0484701M	NANO 2.2W 4K 30° WHITE	2.2	196	178	700
NA0833701M	NANO 4.4W 3K 30° WHITE	4.4	393	356	700
NA0834701M	NANO 4.4W 4K 30° WHITE	4.4	393	356	700
NA1793701M	NANO 11W 3K 30° WHITE	11	691	641	700
NA1794701M	NANO 11W 4K 30° WHITE	11	982	909	700
NA3343701M	NANO 22W 3K 30° WHITE	22	1382	1296	700
NA3344701M	NANO 22W 4K 30° WHITE	22	1965	1835	700

Required Component for 22W		
Driver		22W
DAD32F07001	Non-Dim	700mA*
DAD32D07001	DALI	
DAD32V07001	1-10V	
* = Factory Default		

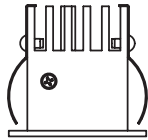
Body selection	Description	Wattage	Lumens Initial	Lumens Exit	mA setting
NA4893701M	VARIOS NANO 33W 3K 30° WHITE	33	2947	2672	700
NA4894701M	VARIOS NANO 33W 4K 30° WHITE	33	2947	2672	700

Required Component for 33W		
Driver		33W
DAD50F07001	Non-Dim	700mA*
DAD50D07001	DALI	
DAD50V07001	1-10V	
* = Factory Default		

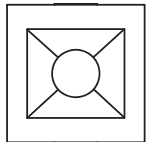


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High Visual Comfort LED Downlight Technical Requirements

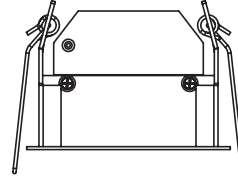


46mm

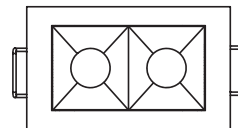


48mm

Cut out Ø40mm



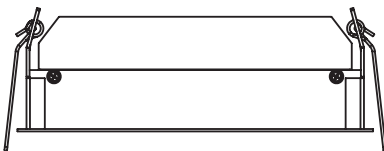
61mm



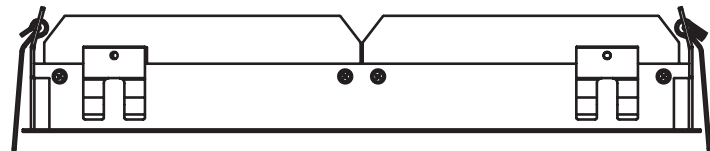
50mm

83mm

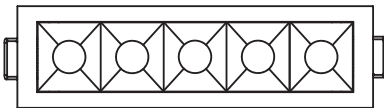
Cut out 41x76mm



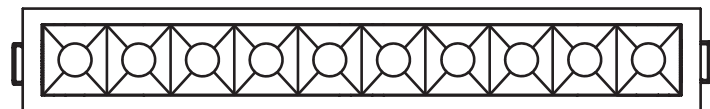
61mm



61mm



50mm



50mm

175mm

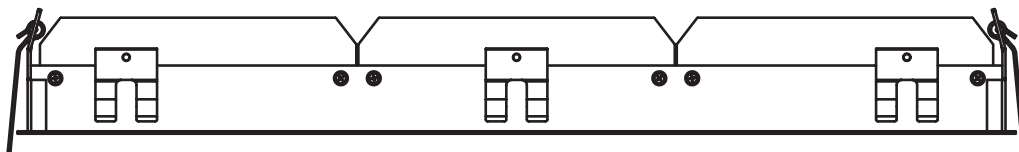
Cut out 41x166mm



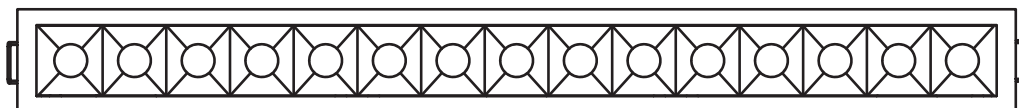
Cut out 41x324mm



330mm



61mm



50mm

486mm

Cut out 41x477mm

