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GAGGIONE

SHAPING YOUR LIGHT



280 x 40 mm
<19 UGR range
POLLUX7X1

POLLUX7X1* GAGGIONE's innovative glare-free family is here. Products are tunable white optimized, without any additional diffusing material. High precision **micro-structured** and **diamond-turned** optics ensures **low surface brightness** and state of the art mixing of colors. Pollux7x1 collimator range comes with antistatic Glossy Black, Matt Black, Glossy White and Matt White louvre options, that makes it easy to develop low glare and discreet luminaire design.

Applications



Key features

Diamond-turned optic, low surface brightness with well controlled, smooth cut-off

2 Louvre Dimensions: Low profile louvre (L) 280 mm x (W) 40 mm, (H) 15.8 mm

Tall louvre (L) 280 mm x (W) 40 mm, (H) 20.25 mm

LED Compatibility: CSP, 2835, 3030, 5050

Typical beam angles: Narrow (15°), Wall Grazer (20°), Medium (30°), Wide (55°), Large (75°), Very Large (83° UGR <19° @1000lm), Very Large diffused, Elliptical (~25° X ~80°), AS25 (Single Asymmetric shelf), DA35 (Double Asymmetric).

Installation



Louvre versions

Antistatic Glossy white (LVR*POLLUX7X101), Antistatic matt white (LVR*POLLUX7X101M)
Antistatic Glossy black (LVR*POLLUX7X102), Antistatic matt black (LVR*POLLUX7X102M)

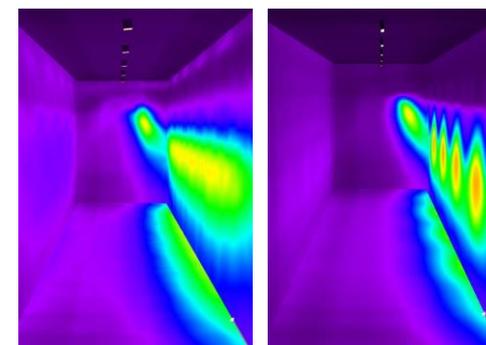
*: for Tall louvre, add LVR2 : LVR2POLLUX7X101

PCB compatibility

Lumitronix, Tridonic, Osram, MST

Typical beam angles

	FWHM
POLLUX7X1N	-10-15°
POLLUX7X16	20° (Wall Grazer)
POLLUX7X1M	-35°
POLLUX7X1W	-55°
POLLUX7X1L	-63°
POLLUX7X1VL	-80°
POLLUX7X1VLD	-80°
POLLUX7X1E	-20° x -80°
POLLUX7X1AS25	Asymmetric Shelf
POLLUX7X1DA35	Double Asymmetric



POLLUX7X1AS25
Shelf light version

Competition

AS25 & DA35 application example:

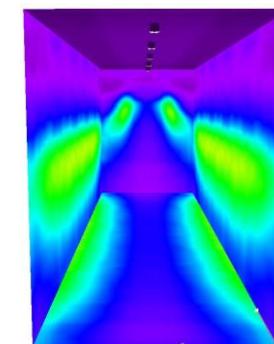
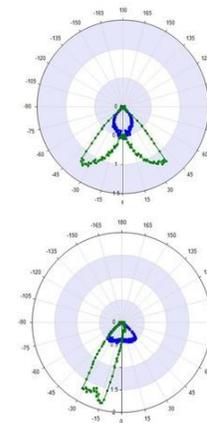
- Light starts 1 meter away from the roof
- Ideal for supermarket shelves
- LED type: 2x Nichia E21

Room dimensions:

Room height: 3.5m

Room width: 2.6m

Distance between luminaires: 2m



POLLUX7X1DA35
Double Asymmetric

Type of Led	POLLUX7X1N	POLLUX7X16	POLLUX7X1M	POLLUX7X1W	POLLUX7X1L	POLLUX7X1VL	POLLUX7X1VLD	POLLUX7X1E	POLLUX7X1AS25	POLLUX7X1DA35
CSP 3535 HP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2835 x 1 3030 x 1 3535 x 1	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗
2835 X 2 3030 X 2 5050 X 1	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗
CSP X 4 2835 X 4 3030 X 4	✗	✗	✗	✓	✓	✓	✓	✗	✗	✗
Tunable white	✗	✗	✗	✓	✓	✓	✓	✗	✗	✗

For full compatibility matrix please refer to our website www.optic-gaggione.com