



jenaLINE

[ekko]



Code	Diffuser	Length	Width	Height	CCT (°K)
JNAL/1152/OS/F/4K/***	Opal	1152	75	200	4000
JNAL/1712/OS/F/4K/***	Opal	1712	75	200	4000
JNAL/2272/OS/F/4K/***	Opal	2272	75	200	4000
JNAL/1152/HX/F/4K/***	Low Glare	1152	75	200	4000
JNAL/1712/HX/F/4K/***	Low Glare	1712	75	200	4000
JNAL/2272/HX/F/4K/***	Low Glare	2272	75	200	4000
JNAP/1152/200/***	Plain baffle	1152	75	200	N/A
JNAP/1712/200/***	Plain baffle	1712	75	200	N/A
JNAP/2272/200/***	Plain baffle	2272	75	200	N/A
JNAP/1152/300/***	Plain baffle	1152	75	300	N/A
JNAP/1712/300/***	Plain baffle	1712	75	300	N/A
JNAP/2272/300/***	Plain baffle	2272	75	300	N/A

- Part numbers are for individual luminaires.
- 5 year warranty
- See website for LDT files
- For CAD/BIM contact us
- For bespoke lengths please contact us
- 200mm and 300mm Highs available Please specify when ordering



Construction

- Extruded aluminium profile
- Clip-in diffuser
- European brand control gear
- Made in the UK
- IP20

Features

- High efficiency LED boards
- Range of length options
- Wide-beam light distribution

Applications

- Commercial and Business Areas
- Public buildings
- Housing
- Offices
- Hotels and Restaurants
- Arts and Culture spaces

Benefits

- Custom-fit options
- Contemporary style
- Energy efficient solution
- 5 Year warranty

Optical Options

Code	Description
/OS	Opal (Standard)
/HXP	Low Glare

CCT Options

Code	Description
4K8	4000K (Standard)
3K8	3000K

For 3000K version, replace '4K8' in part number with '3K8'

Control Options

Code	Description
D	DALI
S	Switchdim control

For DALI control, replace 'F' in part number with 'D' for SwitchDim replace 'F' with 'S'

Height Options

Code	Description
/200	200mm
/300	300mm

For Jena line with luminaire please specify high when ordering.

Mounting Options

Code	Description
P1/SUS/1.25M	Suspended 1.25M
P1/SUS/3.0M	Suspended 3M
P1/SUS/5.0M	Suspended 5M
	Surface Mounted (Standard)

For suspended specify the codes as required.

Emergency Options

Code	Description
/EM	3 hour maintained, manual test
/ED	3 hour maintained, DALI / Self Test

For emergency version, add onto end of part number as required

Finish Options

Code	Description
RR	Rosella Red
RRF	Rosella Red Fleck
OO	Oriole Orange
OOF	Oriole Orange Fleck
CY	Canary Yellow
CYF	Canary Yellow Fleck
WG	Woodpecker Green
WGF	Woodpecker Green Fleck
KBF	Kingfisher Blue Fleck
JBF	Jacarina Blue Fleck
WB	Wheatear Beige
WBF	Wheatear Beige Fleck
DW	Dove White
SG	Sanderling Grey
HG	Heron Grey
SKG	Skua Grey
RB	Raven Black

Replace ** in the code to specify finish material



Material Details

Synergy is proud to use recycled PET (Polyethylene Terephthalate) in our acoustic lighting. PET is a form of polyester, which is usually used in plastic bottles for drinks, detergent, salad dressings and the like.

Composition – 100% PET (Polyethylene Terephthalate) with a 60% recycled content

Environmental - Acoustic material has a 60% recycled content, and is recyclable.

Standards – Fire specification - EN13501-1 Class B-s1,d0

Acoustic performance – EN ISO 354:2003

Non-hazardous – no formaldehyde binders are used in the manufacturing process.

Lifetime – PET is not affected by moisture, mould or mildew and will not rot or deteriorate under normal conditions.

Frequencies of sound

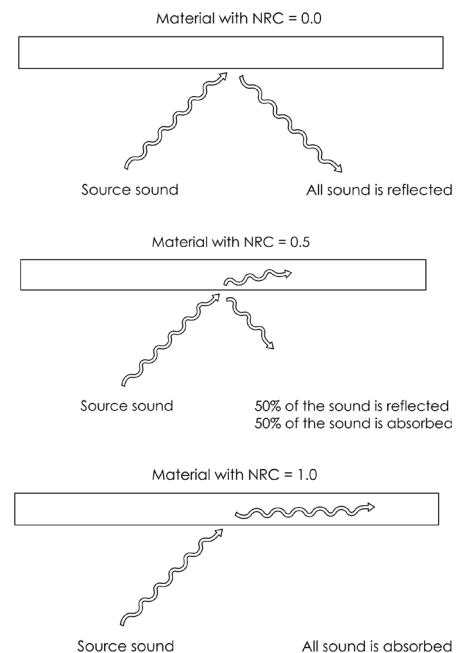
There are two aspects to sound which dictate how well we can hear it, the first is the volume, or loudness, which is measured in decibels. The second is the frequency, or whether it is a low rumbling sound, or a high-pitched squeak. Humans can detect sounds in the range of 20Hz to 20,000Hz.

• Examples of sounds and their frequencies:

- Tuba ~ 32Hz
- A truck driving past ~ 250Hz
- Male baritone voice ~ 400Hz
- Typical vocal range ~500-3000Hz

Noise Reduction Coefficient

Acoustics is quite a complex subject. In essence, the NRC (Noise Reduction Coefficient) is a rating in the range from 0 to 1. If a material has a rating of 0, then the material absorbs no sound, and all sound is reflected back into the space. If a material has a rating of 1 then the material absorbs all the reflected back into the room.



HEAD OFFICE: Unit 4, Charlton Mead Lane, Hoddesdon, Hertfordshire EN11 0DJ
 SHOWROOM: 121-131 Rosebery Ave, London EC1R 4RF
 SHOWROOM: 1 New York St, Manchester M1 4HD

01992 445828



Carbon
 Neutral
 Organisation