

SNEP[®] AARI

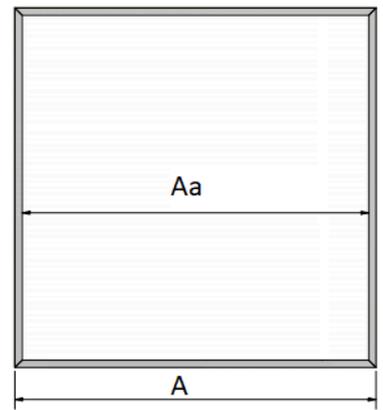
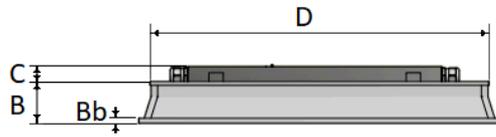
- Larger than its lighting surface

Suspended ceiling solutions are becoming more widespread in public spaces, – SNEP[®] Aari fits in a structure like a cast.

SNEP[®] AARI – larger than its light surface. SNEP[®] AARI is a modular luminaire for public premises, hospitals and offices, providing high energy efficiency. Excellent luminous efficacy, wide set of control methods and material selections ease up on reaching optimized carbon handprint without compromising the light quality. High IP-rating enables cleaning of the luminaire. The luminaire is manufactured in an environmentally friendly way in Finland.

Product info

IP-class	IP55 from below / IP40 from above
Mechanical impact resistance	IK06
Protection class	I / TW LED module II
Ambient temperature	Ta -25...+40°C
Voltage	200-240 Vac
Power Factor	>0.95
Frequency	0/50/60 Hz
Frame Structure	Frame recycled Purso Greenline aluminium profile, backplate of steel. Optical element of PMMA.
Colour	White RAL 9010
Optical cover / Optics	Microprism (UGR<19), Opal (UGR<22), Opal with round optical aperture (UGR<22)
CRI and CCT	<ul style="list-style-type: none">▪ 3000K CRI > 80, MacAdam 3 SDCM▪ 4000K CRI > 80, MacAdam 3 SDCM▪ 5000K CRI > 80, MacAdam 3 SDCM▪ 3000K CRI > 90, MacAdam 3 SDCM▪ 4000K CRI > 90, MacAdam 3 SDCM▪ 5000K CRI > 90, MacAdam 3 SDCM▪ 2700-6500K CRI > 90, tunable white, MacAdam 3 SDCM▪ 3000K CRI > 80, super efficacy, MacAdam 3 SDCM▪ 4000K CRI > 80, super efficacy, MacAdam 3 SDCM▪ 5000K CRI > 80, super efficacy, MacAdam 3 SDCM▪ 3000K CRI > 90, super efficacy, MacAdam 3 SDCM▪ 4000K CRI > 90, super efficacy, MacAdam 3 SDCM▪ 5000K CRI > 90, super efficacy, MacAdam 3 SDCM
Control	<ul style="list-style-type: none">▪ On/off▪ DALI▪ DALI Tunable white▪ Casambi▪ ActiveAhead gen2 with sensor
Installation method	On top of T-profile and with accessories to the system ceiling with hidden lists or to pendant installation.
Lumen maintenance	L80B50 100 000h
Failure rate	100 000h / 10 %
Warranty	5-years.
Dimensions	A 595 mm, Aa 571 mm, B 69 mm, Bb 8 mm, height of the connection box C 30mm, width of the upper luminaire body D 558mm



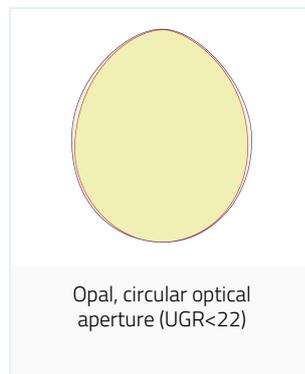
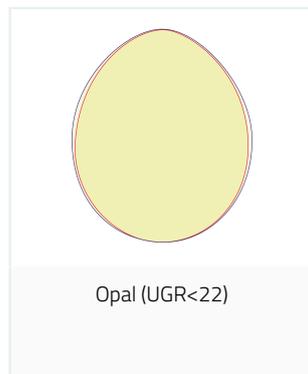
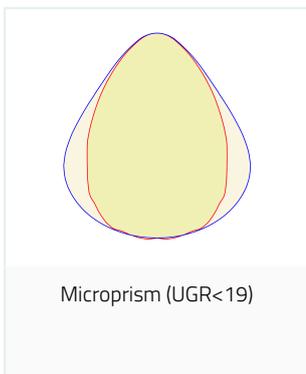
Classifications



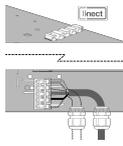
Light Modules/Control gear



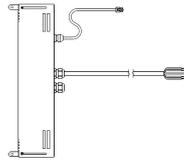
Optics



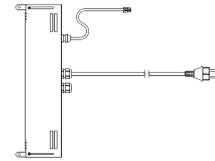
Connections



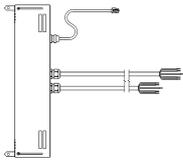
Connection to the terminal block (supports Linect), through cabling possible



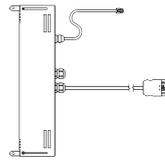
Connection cable from the connection box



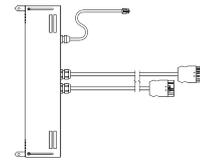
Connection cable with Schuko from the connection box



Through cabling via the connection box



Wago Winsta connection cable from the connection box



Through cabling with Wago Winsta connection cables via the connection box

Luminaires

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® AARI	CRI > 80	4000K	M1	595mm	595mm	69mm	3.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
Aari6x6 M1	840HE 11W	1400	11	127	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HE 17W	2350	17	138	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HE 22W	3050	22	139	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HE 25W	3550	25	142	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HE 29W	4100	29	141	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HO 33W	4650	33	141	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HO 36W	5000	36	139	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HO 42W	5700	42	136	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840HO 50W	6750	50	135	-25...+40°C		L80B10 > 50 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® AARI	CRI > 80	4000K	S0	595mm	595mm	69mm	3.6kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
Aari6x6 S0	840HE 11W	1500	11	136	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HE 17W	2500	17	147	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HE 22W	3250	22	148	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HE 25W	3750	25	150	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HE 29W	4350	29	150	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HO 33W	4950	33	150	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HO 36W	5300	36	147	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HO 42W	6050	42	144	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840HO 50W	7150	50	143	-25...+40°C		L80B10 > 50 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® AARI	CRI > 80	4000K	S0R	595mm	595mm	69mm	3.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
Aari6x6 S0R	840HE 11W	1450	11	132	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840HE 17W	2450	17	144	-25...+40°C		L80B10 > 50 000h	100 000h / 10%

Aari6x6 SOR	840HE 22W	3150	22	143	-25...+40°C	L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	840HE 25W	3650	25	146	-25...+40°C	L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	840HE 29W	4250	29	147	-25...+40°C	L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	840HO 33W	4850	33	147	-25...+40°C	L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	840HO 36W	5150	36	143	-25...+40°C	L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	840HO 42W	5900	42	140	-25...+40°C	L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	840HO 50W	7000	50	140	-25...+40°C	L80B10 > 50 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® AARI	CRI > 90	2700-6500K	M1	595mm	595mm	69mm	3.9kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
Aari6x6 M1	9TWHO 40W	4850	40	121	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	9TWHO 50W	6000	50	120	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	9TWHO 40W	5150	40	129	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	9TWHO 50W	6350	50	127	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	9TWHO 40W	4750	40	119	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 SOR	9TWHO 50W	5850	50	117	-25...+40°C		L80B10 > 50 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® AARI	CRI > 80	4000K	M1	595mm	595mm	69mm	3.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
Aari6x6 M1	840SHE 11W	1500	11	136	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHE 17W	2550	17	150	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHE 22W	3300	22	150	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHE 25W	3850	25	154	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHE 29W	4450	29	153	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHO 33W	5050	33	153	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHO 36W	5400	36	150	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHO 42W	6150	42	146	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 M1	840SHO 50W	7300	50	146	-25...+40°C		L80B10 > 50 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® AARI	CRI > 80	4000K	S0	595mm	595mm	69mm	3.6kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
Aari6x6 S0	840SHE 11W	1600	11	145	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHE 17W	2700	17	159	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHE 22W	3500	22	159	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHE 25W	4050	25	162	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHE 29W	4700	29	162	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHO 33W	5350	33	162	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHO 36W	5750	36	160	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHO 42W	6550	42	156	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0	840SHO 50W	7750	50	155	-25...+40°C		L80B10 > 50 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® AARI	CRI > 80	4000K	S0R	595mm	595mm	69mm	3.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
Aari6x6 S0R	840SHE 11W	1550	11	141	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHE 17W	2650	17	156	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHE 22W	3400	22	155	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHE 25W	3950	25	158	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHE 29W	4600	29	159	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHO 33W	5250	33	159	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHO 36W	5550	36	154	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHO 42W	6400	42	152	-25...+40°C		L80B10 > 50 000h	100 000h / 10%
Aari6x6 S0R	840SHO 50W	7550	50	151	-25...+40°C		L80B10 > 50 000h	100 000h / 10%

*Values are given in normal ambient temperature +25°C

Power tolerance ±5% and luminous flux tolerance ±7%

Cable length from the luminaire +0...-10%

When designing actual group sizes one need to take into account at least the following: cabling, MCB installation environment and the loading of the MCB. Purso Oy is not responsible for the actual group sizes.