



## Family

# Lina45-S



Imagine a linear luminaire that can satisfy all your needs: it meets UGR, has high efficiency and you can build it to your specifications. And it looks great too. The Lina45-S offers opal, microprism and optical grille variants, so it can easily meet both UGR under 19 at 4300 lm luminous flux. It is a great solution for visually demanding spaces, as it even meets UGR under 16 in some variants. In addition, you can complement the modular luminaire with a Vali55 relay module, a Rundo circular luminaire or 2 - 3 CUBE reflectors. The indirect lighting component is provided by a clear plexiglass module or a batwing diffuser, which creates a more even illumination of the ceiling. A welcome feature is also the possibility of a curtain at the joint of the profiles, which are also fitted with caps to prevent even minimal draughts. The individual segments are easily connected using connectors and plugged into 230 V.

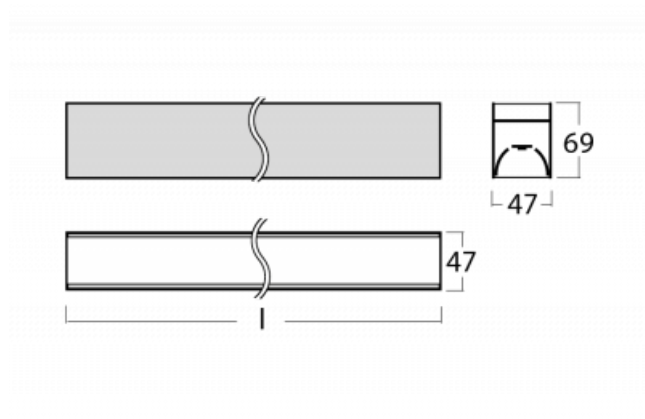
Type of installation	Surface, Suspended
Light distribution	Indirect, Direct, Direct-indirect clear plexi, Direct-indirect wide-lighting distribution
Colour of the luminaires	Black, Silver, White
Colour Temperature	3000 K warm white, 4000 K cool white
Material	Aluminium
Light source	LED MODUL
Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency Other type of dimming ON/OFF + 3h emergency
Lifetime	L80/B20 50 000 hours
Warranty	5 years

## Luminaire family variants Lina45-S





## Lina45-S



### Assembly



### Light distribution



### Energy class


### Marks

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
145S-2C0K-10GEE/840, W	561 × 47 × 69	5.2	700	4000	< 24
145S-5C1K-10GEE/840, W	561 × 47 × 69	7.4	1060	4000	< 21.6
145S-5B1K-10GEE/840, W	561 × 47 × 69	7.4	1040	4000	< 21.7
145S-2C0K-10GGE/840, W	561 × 47 × 69	8.5	1240	4000	< 26
145S-5B1K-10GGE/840, W	561 × 47 × 69	12.2	1830	4000	< 23.7
145S-5C1K-10GGE/840, W	561 × 47 × 69	12.2	1870	4000	< 23.6
145S-2C0K-10GHE/840, W	561 × 47 × 69	13.1	1940	4000	< 27.6
145S-5B1K-10GHE/840, W	561 × 47 × 69	19.7	2860	4000	< 25.2
145S-5C1K-10GHE/840, W	561 × 47 × 69	19.7	2920	4000	< 25.1
145S-2C0K-15GEE/840, W	842 × 47 × 69	7.4	1060	4000	< 24.1
145S-5C1K-15GEE/840, W	842 × 47 × 69	10.9	1770	4000	< 21.1
145S-5B1K-15GEE/840, W	842 × 47 × 69	10.9	1720	4000	< 21.2
145S-2C0K-15GGE/840, W	842 × 47 × 69	12.2	1870	4000	< 26
145S-2C0K-15GHE/840, W	842 × 47 × 69	19	2920	4000	< 27.6
145S-5B1K-15GGE/840, W	842 × 47 × 69	20.3	3040	4000	< 23.1
145S-5C1K-15GGE/840, W	842 × 47 × 69	20.3	3120	4000	< 23
145S-5B1K-15GHE/840, W	842 × 47 × 69	31.7	4750	4000	< 24.7
145S-5C1K-15GHE/840, W	842 × 47 × 69	31.7	4870	4000	< 24.6
145S-2C0K-20GEE/840, W	1122 × 47 × 69	9	1410	4000	< 24.1
145S-5C1K-20GEE/840, W	1122 × 47 × 69	15.1	2480	4000	< 20.8
145S-5B1K-20GEE/840, W	1122 × 47 × 69	15.1	2410	4000	< 21
145S-2C0K-20GGE/840, W	1122 × 47 × 69	15.8	2490	4000	< 26.1
145S-2C0K-20GHE/840, W	1122 × 47 × 69	24.9	3890	4000	< 27.6
145S-5B1K-20GGE/840, W	1122 × 47 × 69	27.4	4250	4000	< 22.9
145S-5C1K-20GGE/840, W	1122 × 47 × 69	27.4	4370	4000	< 22.8
145S-5B1K-20GHE/840, W	1122 × 47 × 69	43.6	6640	4000	< 24.5
145S-5C1K-20GHE/840, W	1122 × 47 × 69	43.6	6830	4000	< 24.3
145S-2C0K-25GEE/840, W	1403 × 47 × 69	10.9	1760	4000	< 24.1
145S-5C1K-25GEE/840, W	1403 × 47 × 69	19.5	3180	4000	< 20.7

145S-5B1K-25GEE/840, W	1403 × 47 × 69	19.5	3100	4000	< 20.8
145S-2C0K-25GGE/840, W	1403 × 47 × 69	19.8	3110	4000	< 26.1
145S-2C0K-25GHE/840, W	1403 × 47 × 69	31	4870	4000	< 27.6
145S-5B1K-25GGE/840, W	1403 × 47 × 69	35.3	5460	4000	< 22.8
145S-5C1K-25GGE/840, W	1403 × 47 × 69	35.3	5620	4000	< 22.7
145S-5B1K-25GHE/840, W	1403 × 47 × 69	55.7	8530	4000	< 24.3
145S-5C1K-25GHE/840, W	1403 × 47 × 69	55.7	8780	4000	< 24.2
145S-2C0K-30GEE/840, W	1683 × 47 × 69	13.3	2120	4000	< 24.1
145S-5B1K-30GEE/840, W	1683 × 47 × 69	23.3	3730	4000	< 20.7
145S-5C1K-30GEE/840, W	1683 × 47 × 69	23.3	3890	4000	< 20.6
145S-2C0K-30GGE/840, W	1683 × 47 × 69	23.4	3740	4000	< 26.1
145S-2C0K-30GHE/840, W	1683 × 47 × 69	36.7	5840	4000	< 27.6
145S-5B1K-30GGE/840, W	1683 × 47 × 69	42.4	6670	4000	< 22.7
145S-5C1K-30GGE/840, W	1683 × 47 × 69	42.4	6870	4000	< 22.6
145S-5B1K-30GHE/840, W	1683 × 47 × 69	67.4	10420	4000	< 24.3
145S-5C1K-30GHE/840, W	1683 × 47 × 69	67.4	10730	4000	< 24.1
145S-2C0K-35GEE/840, W	1964 × 47 × 69	15.3	2470	4000	< 24.1
145S-2C0K-35GGE/840, W	1964 × 47 × 69	27	4360	4000	< 26.1
145S-5B1K-35GEE/840, W	1964 × 47 × 69	27.2	4470	4000	< 20.7
145S-5C1K-35GEE/840, W	1964 × 47 × 69	27.2	4600	4000	< 20.6
145S-2C0K-35GHE/840, W	1964 × 47 × 69	42.4	6820	4000	< 27.6
145S-5C1K-35GGE/840, W	1964 × 47 × 69	49.5	8110	4000	< 22.5
145S-5B1K-35GGE/840, W	1964 × 47 × 69	49.5	7880	4000	< 22.6
145S-5B1K-35GHE/840, W	1964 × 47 × 69	78.7	12320	4000	< 24.2
145S-5C1K-35GHE/840, W	1964 × 47 × 69	78.7	12680	4000	< 24.1
145S-2C0K-40GEE/840, W	2244 × 47 × 69	17.3	2830	4000	< 24.1
145S-5B1K-40GEE/840, W	2244 × 47 × 69	30.2	5160	4000	< 20.7
145S-5C1K-40GEE/840, W	2244 × 47 × 69	30.2	5310	4000	< 20.5
145S-2C0K-40GGE/840, W	2244 × 47 × 69	30.5	4980	4000	< 26.1
145S-2C0K-40GHE/840, W	2244 × 47 × 69	47.9	7790	4000	< 27.6
145S-5B1K-40GGE/840, W	2244 × 47 × 69	56.5	9090	4000	< 22.6

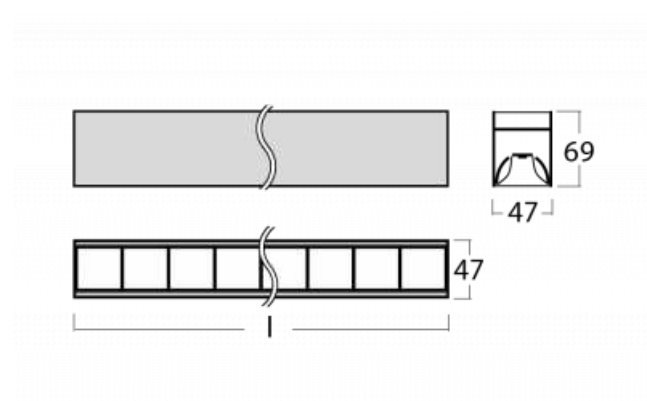
145S-5C1K-40GGE/840, W	2244 × 47 × 69	56.5	9360	4000	< 22.5
145S-5B1K-40GHE/840, W	2244 × 47 × 69	89.8	14210	4000	< 24.2
145S-5C1K-40GHE/840, W	2244 × 47 × 69	89.8	14630	4000	< 24

AnThese codes represent white luminaires with chromaticity temperature 4000K and opal diffuser.

Notes	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Microprisma Opal diffuser Clear cover Plastic louvre low UGR Adjustable beam angle
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency ON/OFF + 3h emergency
	Ra	80

End caps, cups, supply cable, and wire suspension for luminaires must be ordered separately. For connection into systems, please order the respective number of couplers, disassembly sets, or a supplementary cable for emergency systems.

## Lina45-S



### Assembly



### Energy class

### Light distribution




### Marks

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
145S-2C0Z-10GEE/840, W	561 × 47 × 69	7.7	1070	4000	< 16.5
145S-2C0Z-10GGE/840, W	561 × 47 × 69	9.7	1370	4000	< 17.4
145S-5C1Z-10GEE/840, W	561 × 47 × 69	9.9	1450	4000	< 13.1
145S-5C1Z-10GGE/840, W	561 × 47 × 69	12.8	1820	4000	< 13.9
145S-2C0Z-10GHE/840, W	561 × 47 × 69	16.1	2250	4000	< 19.1
145S-5C1Z-10GHE/840, W	561 × 47 × 69	24.1	3440	4000	< 16.1
145S-2C0Z-15GEE/840, W	842 × 47 × 69	11	1600	4000	< 16.5
145S-2C0Z-15GGE/840, W	842 × 47 × 69	14.5	2060	4000	< 17.4
145S-5C1Z-15GEE/840, W	842 × 47 × 69	16.1	2430	4000	< 12.6
145S-5C1Z-15GGE/840, W	842 × 47 × 69	21.3	3050	4000	< 13.4
145S-2C0Z-15GHE/840, W	842 × 47 × 69	24.1	3380	4000	< 19.1
145S-5C1Z-15GHE/840, W	842 × 47 × 69	39.2	5750	4000	< 15.6
145S-2C0Z-20GEE/840, W	1122 × 47 × 69	14.7	2140	4000	< 16.5
145S-2C0Z-20GGE/840, W	1122 × 47 × 69	18.5	2750	4000	< 17.4
145S-5B1Z-20GEE/840, W	1122 × 47 × 69	20.5	2910	4000	< 13.2
145S-5C1Z-20GEE/840, W	1122 × 47 × 69	22.8	3410	4000	< 12.3
145S-5B1Z-20GGE/840, W	1122 × 47 × 69	28.1	4150	4000	< 14.5
145S-5C1Z-20GGE/840, W	1122 × 47 × 69	28.2	4280	4000	< 13.1
145S-2C0Z-20GHE/840, W	1122 × 47 × 69	32.3	4500	4000	< 19.1
145S-5B1Z-20GHE/840, W	1122 × 47 × 69	51.3	7250	4000	< 16.4
145S-5C1Z-20GHE/840, W	1122 × 47 × 69	53.1	8060	4000	< 15.3
145S-2C0Z-25GEE/840, W	1403 × 47 × 69	18	2680	4000	< 16.5
145S-2C0Z-25GGE/840, W	1403 × 47 × 69	24.2	3430	4000	< 17.4
145S-5B1Z-25GEE/840, W	1403 × 47 × 69	24.8	3720	4000	< 13.1
145S-5C1Z-25GEE/840, W	1403 × 47 × 69	28.2	4390	4000	< 12.2
145S-5C1Z-25GGE/840, W	1403 × 47 × 69	36	5500	4000	< 13
145S-5B1Z-25GGE/840, W	1403 × 47 × 69	36.6	5330	4000	< 14.3
145S-2C0Z-25GHE/840, W	1403 × 47 × 69	39.2	5630	4000	< 19.1
145S-5B1Z-25GHE/840, W	1403 × 47 × 69	64.2	9300	4000	< 16.3

145S-5C1Z-25GHE/840, W	1403 × 47 × 69	70.2	10370	4000	< 15.2
145S-2C0Z-30GEE/840, W	1683 × 47 × 69	21.1	3210	4000	< 16.5
145S-2C0Z-30GGE/840, W	1683 × 47 × 69	28	4120	4000	< 17.4
145S-5B1Z-30GEE/840, W	1683 × 47 × 69	29.5	4530	4000	< 13
145S-5C1Z-30GEE/840, W	1683 × 47 × 69	34.1	5370	4000	< 12.1
145S-5B1Z-30GGE/840, W	1683 × 47 × 69	44	6520	4000	< 14.3
145S-5C1Z-30GGE/840, W	1683 × 47 × 69	44.3	6730	4000	< 12.9
145S-2C0Z-30GHE/840, W	1683 × 47 × 69	46.3	6760	4000	< 19.1
145S-5B1Z-30GHE/840, W	1683 × 47 × 69	77.3	11340	4000	< 16.2
145S-5C1Z-30GHE/840, W	1683 × 47 × 69	83.4	12690	4000	< 15.1
145S-2C0Z-35GEE/840, W	1964 × 47 × 69	25.5	3750	4000	< 16.5
145S-2C0Z-35GGE/840, W	1964 × 47 × 69	32.2	4810	4000	< 17.4
145S-5B1Z-35GEE/840, W	1964 × 47 × 69	35.8	5340	4000	< 13
145S-5C1Z-35GEE/840, W	1964 × 47 × 69	39.4	6350	4000	< 12
145S-5C1Z-35GGE/840, W	1964 × 47 × 69	50.2	7960	4000	< 12.8
145S-5B1Z-35GGE/840, W	1964 × 47 × 69	50.9	7700	4000	< 14.2
145S-2C0Z-35GHE/840, W	1964 × 47 × 69	53.1	7880	4000	< 19.1
145S-5B1Z-35GHE/840, W	1964 × 47 × 69	89.8	13380	4000	< 16.2
145S-5C1Z-35GHE/840, W	1964 × 47 × 69	99.7	15000	4000	< 15
145S-2C0Z-40GEE/840, W	2244 × 47 × 69	28.4	4280	4000	< 16.5
145S-2C0Z-40GGE/840, W	2244 × 47 × 69	36.5	5490	4000	< 17.4
145S-5B1Z-40GEE/840, W	2244 × 47 × 69	40.4	6150	4000	< 12.9
145S-5C1Z-40GEE/840, W	2244 × 47 × 69	44.9	7330	4000	< 12
145S-5C1Z-40GGE/840, W	2244 × 47 × 69	56.7	9190	4000	< 12.8
145S-5B1Z-40GGE/840, W	2244 × 47 × 69	58.2	8890	4000	< 14.2
145S-2C0Z-40GHE/840, W	2244 × 47 × 69	61	9010	4000	< 19.1
145S-5B1Z-40GHE/840, W	2244 × 47 × 69	103.4	15430	4000	< 16.1
145S-5C1Z-40GHE/840, W	2244 × 47 × 69	114.4	17310	4000	< 15

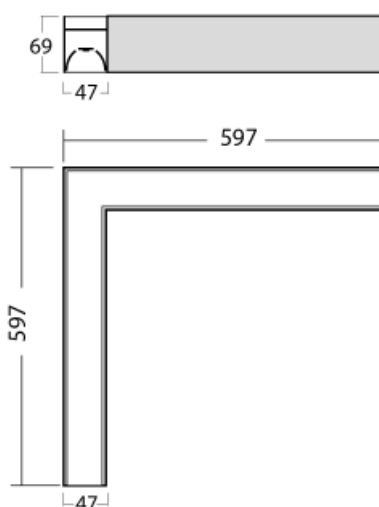
AnThese codes represent white luminaires with chromaticity temperature 4000K and plastic louvre.



Notes	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Clear cover Plastic louvre low UGR Adjustable beam angle
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency ON/OFF + 3h emergency
	Ra	80

End caps, cups, supply cable, and wire suspension for luminaires must be ordered separately. For connection into systems, please order the respective number of couplers, disassembly sets, or a supplementary cable for emergency systems.

## Lina45-S



### Assembly



### Light distribution




### Energy class

### Marks

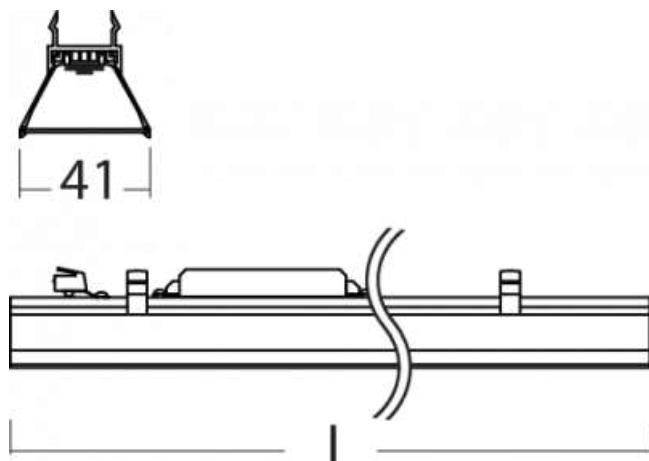
Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
145S-220K-20GEE/840, W	597 × 597 × 69	9	1410	4000	< 24
145S-521K-20GEE/840, W	597 × 597 × 69	13.4	2120	4000	< 20.8
145S-5R1K-20GEE/840, W	597 × 597 × 69	13.4	2080	4000	< 20.2
145S-220K-20GGE/840, W	597 × 597 × 69	15.8	2490	4000	< 25.8
145S-521K-20GGE/840, W	597 × 597 × 69	23.5	3740	4000	< 22
145S-5R1K-20GGE/840, W	597 × 597 × 69	23.5	3660	4000	< 22.2
145S-220K-20GHE/840, W	597 × 597 × 69	24.9	3890	4000	< 27.4
145S-521K-20GHE/840, W	597 × 597 × 69	37.4	5750	4000	< 23.5
145S-5R1K-20GHE/840, W	597 × 597 × 69	37.4	5730	4000	< 23.7

AnThese codes represent white luminaires with chromaticity temperature 4000K and opal diffuser.

Notes	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Microprisma Opal diffuser Clear cover Adjustable beam angle
	Connection of the luminaires	ON/OFF DALI Other type of dimming
	Ra	80

End caps, cups, supply cable, and wire suspension for luminaires must be ordered separately. For connection into systems, please order the respective number of couplers, disassembly sets, or a supplementary cable for emergency systems.

## Lina45-S



### Assembly

### Light distribution

### Energy class

### Marks

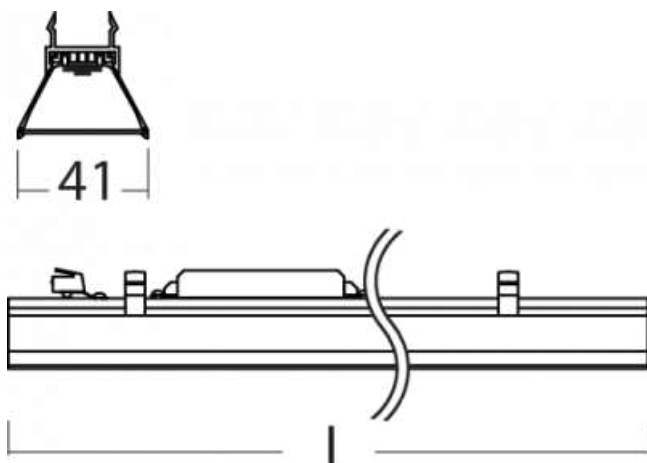
energy\_class\_g

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A00K-10GEE/840	560 × 47 × 69	5.2	700	4000	< 24
=145S-A00K-10GGE/840	560 × 47 × 69	8.5	1240	4000	< 26
=145S-A00K-10GHE/840	560 × 47 × 69	13.1	1940	4000	< 27.6
=145S-A00K-15GEE/840	840 × 47 × 69	7.4	1060	4000	< 24.1
=145S-A00K-15GGE/840	840 × 47 × 69	12.2	1870	4000	< 26
=145S-A00K-15GHE/840	840 × 47 × 69	19	2920	4000	< 27.6
=145S-A00K-20GEE/840	1120 × 47 × 69	9	1410	4000	< 24.1
=145S-A00K-20GGE/840	1120 × 47 × 69	15.8	2490	4000	< 26.1
=145S-A00K-20GHE/840	1120 × 47 × 69	24.9	3890	4000	< 27.6
=145S-A00K-25GEE/840	1400 × 47 × 69	10.9	1760	4000	< 24.1
=145S-A00K-25GGE/840	1400 × 47 × 69	19.8	3110	4000	< 26.1
=145S-A00K-25GHE/840	1400 × 47 × 69	31	4870	4000	< 27.6
=145S-A00K-30GEE/840	1680 × 47 × 69	13.1	2120	4000	< 24.1
=145S-A00K-30GGE/840	1680 × 47 × 69	23.4	3740	4000	< 26.1
=145S-A00K-30GHE/840	1680 × 47 × 69	36.7	5840	4000	< 27.6
=145S-A00K-35GEE/840	1960 × 47 × 69	15.3	2470	4000	< 24.1
=145S-A00K-35GGE/840	1960 × 47 × 69	27	4360	4000	< 26.1
=145S-A00K-35GHE/840	1960 × 47 × 69	42.4	6820	4000	< 27.6
=145S-A00K-40GEE/840	2240 × 47 × 69	17.3	2830	4000	< 24.1
=145S-A00K-40GGE/840	2240 × 47 × 69	30.5	4980	4000	< 26.1
=145S-A00K-40GHE/840	2240 × 47 × 69	47.9	7790	4000	< 27.6

These codes represent luminaires without a profile with chromaticity temperature 4000K and opal diffuser.

Notes	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Microprisma Opal diffuser
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency Other type of dimming ON/OFF + 3h emergency
	Ra	80
	0	

## Lina45-S



### Assembly

### Light distribution

### Energy class

### Marks

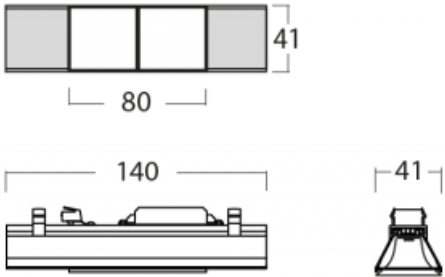

energy\_class\_g

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A00Z-10GEE/840	560 × 47 × 69	7.7	1070	4000	< 16.5
=145S-A00Z-10GGE/840	560 × 47 × 69	12.3	1710	4000	< 18.1
=145S-A00Z-10GHE/840	560 × 47 × 69	16.1	2250	4000	< 19.1
=145S-A00Z-15GEE/840	840 × 47 × 69	11	1600	4000	< 16.5
=145S-A00Z-15GGE/840	840 × 47 × 69	17.7	2570	4000	< 18.1
=145S-A00Z-15GHE/840	840 × 47 × 69	24.1	3380	4000	< 19.1
=145S-A00Z-20GEE/840	1120 × 47 × 69	14.7	2140	4000	< 16.5
=145S-A00Z-20GGE/840	1120 × 47 × 69	23.6	3420	4000	< 18.1
=145S-A00Z-20GHE/840	1120 × 47 × 69	32.3	4500	4000	< 19.1
=145S-A00Z-25GEE/840	1400 × 47 × 69	18	2680	4000	< 16.5
=145S-A00Z-25GGE/840	1400 × 47 × 69	28.8	4280	4000	< 18.1
=145S-A00Z-25GHE/840	1400 × 47 × 69	39.2	5630	4000	< 19.1
=145S-A00Z-30GEE/840	1680 × 47 × 69	21.1	3210	4000	< 16.5
=145S-A00Z-30GGE/840	1680 × 47 × 69	34.9	5130	4000	< 18.1
=145S-A00Z-30GHE/840	1680 × 47 × 69	46.3	6760	4000	< 19.1
=145S-A00Z-35GEE/840	1960 × 47 × 69	25.5	3750	4000	< 16.5
=145S-A00Z-35GGE/840	1960 × 47 × 69	40.1	5990	4000	< 18.1
=145S-A00Z-35GHE/840	1960 × 47 × 69	53.1	7880	4000	< 19.1
=145S-A00Z-40GEE/840	2240 × 47 × 69	28.4	4280	4000	< 16.5
=145S-A00Z-40GGE/840	2240 × 47 × 69	45.3	6850	4000	< 18.1
=145S-A00Z-40GHE/840	2240 × 47 × 69	61	9010	4000	< 19.1

AnThese codes represent luminaires with chromaticity temperature 4000K and plastic louvre.


Notes	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Plastic louvre low UGR
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency Other type of dimming ON/OFF + 3h emergency
	Ra	80
	0	

## Lina45-S

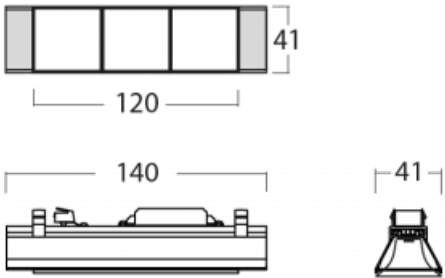

Assembly		Light distribution
		
Energy class		Marks
energy_class_g		

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A00J-20GDE/940, W	140 × 47 × 69	5.3	500	4000	< 19.7
=145S-A00J-20GGE/940, W	140 × 47 × 69	7.5	680	4000	< 20.8

AnThese codes represent luminaires with chromaticity temperature 4000K and plastic louvre.

Notes	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Perforated sheet
	Connection of the luminaires	ON/OFF DALI Other type of dimming
	Ra	90
	0	

## Lina45-S

Assembly		Light distribution	
			
Energy class		Marks	
energy_class_g			

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A00J-30GDE/940, W	140 × 47 × 69	7.7	740	4000	< 19.8
=145S-A00J-30GGE/940, W	140 × 47 × 69	10.6	1000	4000	< 20.8

AnThese codes represent luminaires with chromaticity temperature 4000K and plastic louvre.

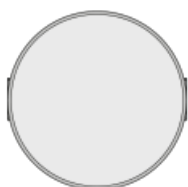
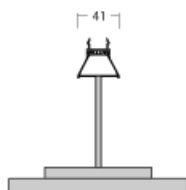
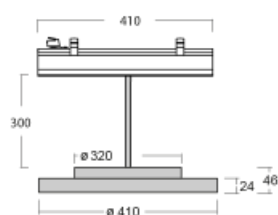


Notes	Colour of the luminaires	<div> <div></div> <div></div> <div></div> </div>
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Perforated sheet
	Connection of the luminaires	ON/OFF DALI Other type of dimming
	Ra	90
	0	

## Lina45-S

### Assembly

### Light distribution




### Energy class

### Marks

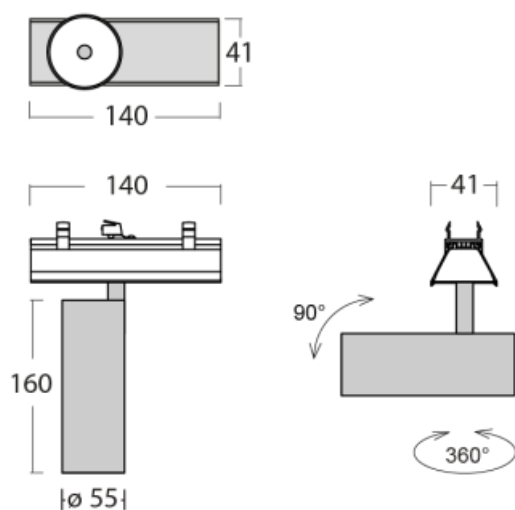
energy\_class\_g

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A40K-10GEE/840, W	ø 47 × 69	11.3	1540	4000	< 21.7
=145S-A40K-10GGE/840, W	ø 47 × 69	18.6	2550	4000	< 23.4
=145S-A40K-10GHE/840, W	ø 47 × 69	29.7	4060	4000	< 25.1

AnThese codes represent white luminaires with chromaticity temperature 4000K and opal diffuser.

Notes	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Microprisma Opal diffuser
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency Other type of dimming ON/OFF + 3h emergency
	Ra	80
	0	

## Lina45-S



### Assembly

### Light distribution


### Energy class

### Marks

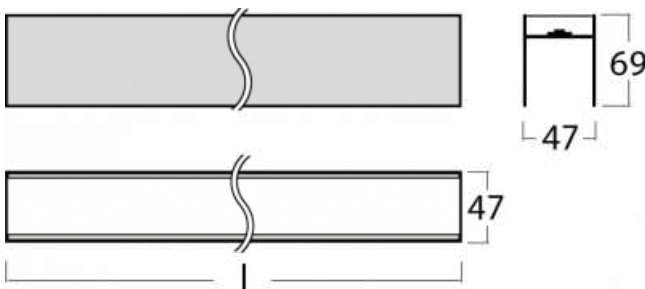
energy\_class\_g

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A00F-10GDE/940, W	140 × 47 × 69	14	1270	4000	< 22.1
=145S-A00F-10GGE/940, W	140 × 47 × 69	20.1	1700	4000	< 23.1

The indicated codes stand for a white luminaire with colour temperature of 4000K and with a medium-wide beam angle.

Notes	Beam angle	17, 27, 45, 68
	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	FLOOD - wide angle SPOT - narrow angle MEDIUM - middle angle Wide beam angle
	Connection of the luminaires	ON/OFF DALI Other type of dimming
	Ra	90
	0	

### Lina45-S



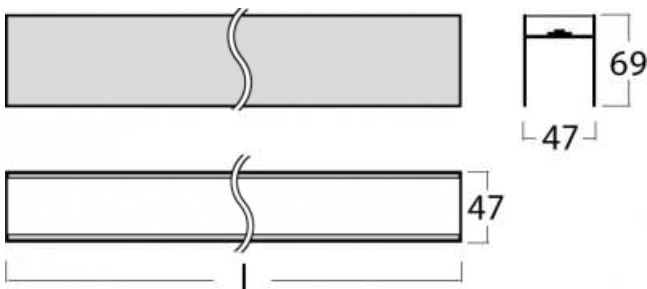
Assembly	Light distribution
Energy class	Marks
energy_class_g	

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A02C-10GEE/840	560 × 47 × 69	2.5	350	4000	-
=145S-A02C-10GGE/840	560 × 47 × 69	4.1	620	4000	-
=145S-A02C-10GHE/840	560 × 47 × 69	6.6	970	4000	-
=145S-A02C-15GEE/840	840 × 47 × 69	4.4	710	4000	-
=145S-A02C-15GGE/840	840 × 47 × 69	8.1	1250	4000	-
=145S-A02C-15GHE/840	840 × 47 × 69	12.7	1950	4000	-
=145S-A02C-20GEE/840	1120 × 47 × 69	6.5	1060	4000	-
=145S-A02C-20GGE/840	1120 × 47 × 69	11.8	1870	4000	-
=145S-A02C-20GHE/840	1120 × 47 × 69	18.7	2930	4000	-
=145S-A02C-25GEE/840	1400 × 47 × 69	8.7	1420	4000	-
=145S-A02C-25GGE/840	1400 × 47 × 69	15.7	2500	4000	-
=145S-A02C-25GHE/840	1400 × 47 × 69	24.8	3910	4000	-
=145S-A02C-30GEE/840	1680 × 47 × 69	10.6	1770	4000	-
=145S-A02C-30GGE/840	1680 × 47 × 69	19.3	3120	4000	-
=145S-A02C-30GHE/840	1680 × 47 × 69	30.6	4880	4000	-
=145S-A02C-35GEE/840	1960 × 47 × 69	12.5	2130	4000	-
=145S-A02C-35GGE/840	1960 × 47 × 69	22.8	3750	4000	-
=145S-A02C-35GHE/840	1960 × 47 × 69	36.3	5860	4000	-
=145S-A02C-40GEE/840	2240 × 47 × 69	14.1	2480	4000	-
=145S-A02C-40GGE/840	2240 × 47 × 69	26.3	4370	4000	-
=145S-A02C-40GHE/840	2240 × 47 × 69	41.9	6840	4000	-

These codes represent luminaires with chromaticity temperature 4000K and opal clear cover.

Notes	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Clear cover
	Connection of the luminaires	ON/OFF DALI Other type of dimming
	Ra	80
	0	

## Lina45-S



Assembly

Light distribution



Energy class

Marks

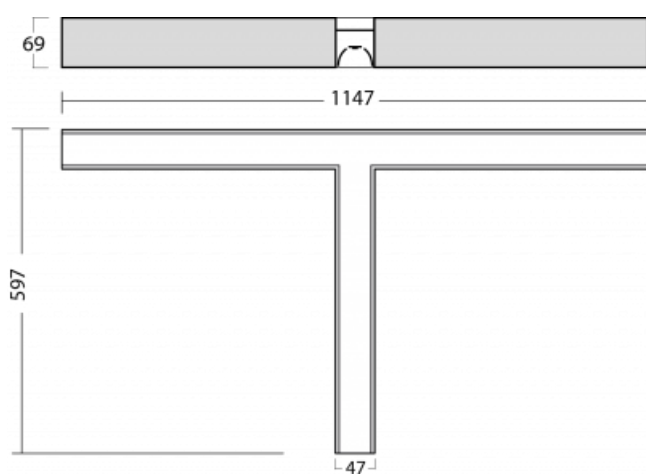
energy\_class\_g

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
=145S-A02Q-10GEE/840	560 × 47 × 69	2.5	330	4000	-
=145S-A02Q-10GGE/840	560 × 47 × 69	4.1	580	4000	-
=145S-A02Q-10GHE/840	560 × 47 × 69	6.6	910	4000	-
=145S-A02Q-15GEE/840	840 × 47 × 69	4.4	660	4000	-
=145S-A02Q-15GGE/840	840 × 47 × 69	8.1	1170	4000	-
=145S-A02Q-15GHE/840	840 × 47 × 69	12.7	1830	4000	-
=145S-A02Q-20GEE/840	1120 × 47 × 69	6.5	990	4000	-
=145S-A02Q-20GGE/840	1120 × 47 × 69	11.8	1760	4000	-
=145S-A02Q-20GHE/840	1120 × 47 × 69	18.7	2750	4000	-
=145S-A02Q-25GEE/840	1400 × 47 × 69	8.7	1330	4000	-
=145S-A02Q-25GGE/840	1400 × 47 × 69	15.7	2340	4000	-
=145S-A02Q-25GHE/840	1400 × 47 × 69	24.8	3660	4000	-
=145S-A02Q-30GEE/840	1680 × 47 × 69	10.6	1660	4000	-
=145S-A02Q-30GGE/840	1680 × 47 × 69	19.3	2930	4000	-
=145S-A02Q-30GHE/840	1680 × 47 × 69	30.6	4580	4000	-
=145S-A02Q-35GEE/840	1960 × 47 × 69	12.5	1990	4000	-
=145S-A02Q-35GGE/840	1960 × 47 × 69	22.8	3520	4000	-
=145S-A02Q-35GHE/840	1960 × 47 × 69	36.3	5500	4000	-
=145S-A02Q-40GEE/840	2240 × 47 × 69	14.1	2330	4000	-
=145S-A02Q-40GGE/840	2240 × 47 × 69	26.3	4100	4000	-
=145S-A02Q-40GHE/840	2240 × 47 × 69	41.9	6410	4000	-

These codes represent luminaires with chromaticity temperature 4000K and opal clear cover.

Notes	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Adjustable beam angle
	Connection of the luminaires	ON/OFF DALI Other type of dimming
	Ra	80
	0	

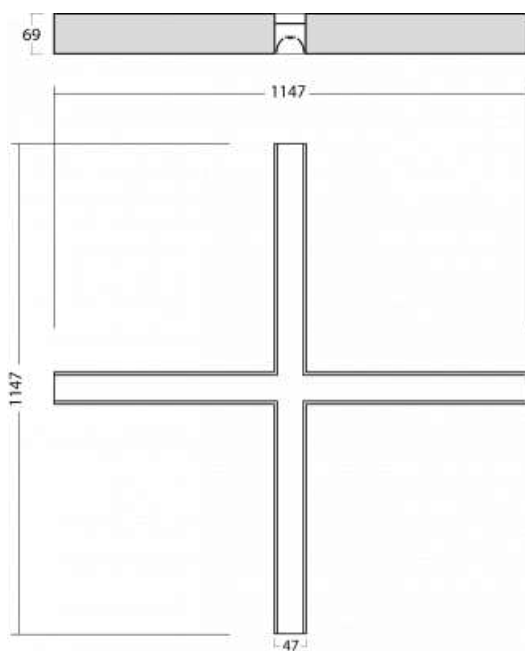
## Lina45-S



Assembly	Light distribution
Energy class	Marks

Notes	End caps, cups, supply cable, and wire suspension for luminaires must be ordered separately. For connection into systems, please order the respective number of couplers, disassembly sets, or a supplementary cable for emergency systems.
-------	---

## Lina45-S



**Assembly**

**Light distribution**

**Energy class**

**Marks**

### Notes

End caps, cups, supply cable, and wire suspension for luminaires must be ordered separately. For connection into systems, please order the respective number of couplers, disassembly sets, or a supplementary cable for emergency systems.






## Legend

### Type of installation

	Recessed lights		Wall mounted lights
	Semi-recessed luminaire		Suspended lights
	Surface lights		Free-standing lights
	3 circuit track lights		Table lamp lights

### Light distribution

	Direct luminaire
	Direct-indirect luminaire
	Indirect luminaire

### Light source

	<b>Tunable White</b> adjusting the color temperature		<b>RealWhite</b> true display of white color
	<b>RealColour</b> true display of colors Ra≥97		<b>StrongColour</b> highlight one color

### Marks

	Luminaire of electrical classification I (accessible conductive parts are connected to a protective cable)
	Luminaire of electrical classification II (accessible conductive parts are connected to a protective cable)
	Luminaire of electrical classification III (protection against electric shock is based on double or reinforced insulation)
	European mark of conformity that indicates the conformity of the properties of the product with all the harmonized standards and regulations of the European Community that apply to it
	Luminaires are certified according to the European ENEC system
	Recommended mounting hole size

**IPxy** IP code indicating the degree of protection of live parts

**EAC** Eurasian Conformity

## 11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

**Optic system**

**Electrical connection**

**Colour**

### Optic system

<b>B</b>	Microprismatic system, low UGR	<b>L</b>	Plain aluminium reflector
<b>C</b>	Clear cover	<b>M</b>	Matt parabolic louvre
<b>D</b>	Asymmetric reflector	<b>S</b>	SPOT - narrow angle
<b>E</b>	Polished parabolic louvre, high LOR	<b>U</b>	MEDIUM - middle angle
<b>F</b>	FLOOD - wide angle	<b>W</b>	Wide beam angle
<b>I</b>	Microprismatic optical system	<b>Z</b>	Plastic louver, low UGR
<b>K</b>	Opal diffuser		

### Electrical connection

<b>/BT</b>	Luminaires controlled via Bluetooth technology	<b>P</b>	Sensor and electronic ballast
<b>D</b>	DALI dimmable	<b>T</b>	By switch dimmable (touch dimm)
<b>E</b>	Electronic ballast non-dimmable	<b>TD</b>	DALI or by switch (touch dimm) dimmable
<b>M</b>	Electronic ballast non-dimmable with 1h emergency	<b>U</b>	Dimmable luminaire with dimmer on the luminaire
<b>M3</b>	Electronic ballast non-dimmable with 3h emergency		

### Colour

<b>W</b>	 RAL 9003	<b>B</b>	 RAL 9005	<b>S</b>	 TIGER 09/90530
<b>1021</b>	 RAL 1021	<b>2000</b>	 RAL 2000	<b>3020</b>	 RAL 3020
<b>5015</b>	 RAL 5015	<b>6018</b>	 RAL 6018	<b>7016</b>	 RAL 7016
<b>9006</b>	 RAL 9006	<b>9010</b>	 RAL 9010		

### Značky typu

	Smart – Luminaire or the lighting system controlled by motion, daylight or via smart devices using Bluetooth technology
	Acoustic – Luminaire with acoustic absorption properties which reduce disturbing noise and improve the acoustics of the room
	Multiwatt – Luminaires with individually adjustable luminous flux using a special antenna or mobile application

**UGR** UGR – The luminaire suitable for office spaces