



SNEP[®] Mode Z – For challenging conditions

SNEP[®] Mode Z is a cost-effective and versatile general light for **industrial, maintenance, warehouse and parking spaces**. IP65 class moisture and dust-proof lamp conceals the aluminum SNEP[®] Mode CORE inside a durable plastic shell. SNEP[®] Mode CORE is a platform for high quality LED components, optics and connection options. The wide-beam light distribution gives uniformity to low-level spaces.

SNEP[®] Mode Z is well protected from water and dust. Thanks to its drivers and aluminum heat management capabilities, it is suitable for challenging environments.

Mode Z

Enclosure class

IP65

Protection class

I

Mechanical impact resistance (IK-class)

IK08

Ambient temperature in operating environment (Ta-class)

Ta -25...+30 - +40°C / -40...+30 - +40°C (IND)

Frame structure

SNEP® Mode CORE aluminium profile inside a PC plastic cover, the end caps are durable and fire-retardant V-0-fire classified PC-plastic.

Glare protection / optics

PC-diffusor

CCT

3000K, 4000K, 5000K 3MacAdam

Light distribution

Opal

Colour

RAL 7047 light gray

Installation method

To the ceiling, wall (45° or 90°), light suspension rail. Installation series are available separately.

Voltage

200-240 Vac

Freq

0/50/60 Hz

Control

On/Off, DALI, Casambi, ActiveAhead gen2 (with sensor)

Light source

LED

Power factor

> 0,95

Light service life

L80B50 100 000h

Failure rate

100 000h / 10%

Connection methods

- Installation cable from the end 3x1,5mm² or 5x1,5mm²
- Through cabling with installation cables from the luminaire ends 5x2,5mm²
- Through cabling with installation cables from the same end 5x2,5mm²
- Quick connector (IPD) at the end 5x2,5mm²
- Through cabling with quick connector (IPD) at one end and the connection cable at the other end 5x2,5mm²
- Through cabling with quick connectors at both ends (IPD) 5x2,5mm²
- Quick connector (LCS) at the end 5x2,5mm²
- Through cabling with quick connectors at both ends (LCS) 5x2,5mm²

Dimensions

A 1175mm / 1735mm

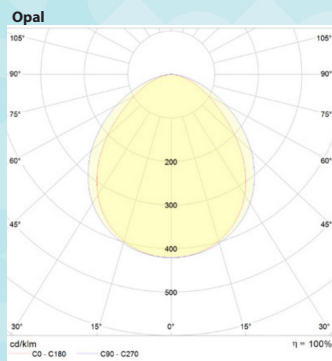
B 40mm

C 74mm

D 71mm



Light distributions



SNEP MODE Z04 Opal

MODE Z04		CRI>80	3000K	S1	Length 1175mm	Width 74mm	Height 71mm	Weight 1.8kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z04S1	830HE 24W	3250	24	135	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	830HE 32W	4300	32	134	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	830HE 38W	5050	38	133	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	830HO 48W	6200	48	129	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	830HO 53W	6900	53	130	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	830HO 65W	8200	65	126	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04		CRI>80	4000K	S1	Length 1175mm	Width 74mm	Height 71mm	Weight 1.8kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z04S1	840HE 24W	3400	24	142	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	840HE 32W	4500	32	141	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	840HE 38W	5250	38	138	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	840HO 48W	6450	48	134	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	840HO 53W	7200	53	136	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	840HO 65W	8550	65	132	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04		CRI>80	5000K	S1	Length 1175mm	Width 74mm	Height 71mm	Weight 1.8kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z04S1	850HE 24W	3400	24	142	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	850HE 32W	4500	32	141	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	850HE 38W	5250	38	138	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	850HO 48W	6450	48	134	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	850HO 53W	7200	53	136	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	850HO 65W	8550	65	132	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04		CRI>90	3000K	S1	Length 1175mm	Width 74mm	Height 71mm	Weight 1.8kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z04S1	930HE 24W	2750	24	115	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	930HE 32W	3650	32	114	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	930HE 38W	4250	38	112	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	930HO 48W	5250	48	109	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	930HO 53W	5850	53	110	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	930HO 65W	6950	65	107	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04		CRI>90	4000K	S1	Length 1175mm	Width 74mm	Height 71mm	Weight 1.8kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z04S1	940HE 24W	3200	24	133	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	940HE 32W	4200	32	131	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	940HE 38W	4950	38	130	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	940HO 48W	6050	48	126	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	940HO 53W	6750	53	127	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	940HO 65W	8000	65	123	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04		CRI>90	5000K	S1	Length 1175mm	Width 74mm	Height 71mm	Weight 1.8kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z04S1	950HE 24W	3200	24	133	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	950HE 32W	4200	32	131	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	950HE 38W	4950	38	130	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	950HO 48W	6050	48	126	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	950HO 53W	6750	53	127	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z04S1	950HO 65W	8000	65	123	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%

** All performance values are given at room temperature +25°C. Not to condensive environment or -use. The tolerance of power and flux is ± 7%.

SNEP MODE Z06 Opal

MODE Z06		CRI>80	3000K	S1	Length 1175mm	Width 74mm	Height 71mm	Paino 2.7kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z06S1	830HE 35W	4900	35	140	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	830HE 47W	6450	47	137	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	830HE 55W	7550	55	137	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	830HO 70W	9300	70	133	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	830HO 79W	10350	79	131	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	830HO 97W	12300	97	127	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06		CRI>80	4000K	S1	Length 1175mm	Width 74mm	Height 71mm	Paino 2.7kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z06S1	840HE 35W	5100	35	146	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	840HE 47W	6750	47	144	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	840HE 55W	7900	55	144	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	840HO 70W	9700	70	139	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	840HO 79W	10800	79	137	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	840HO 97W	12800	97	132	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06		CRI>80	5000K	S1	Length 1175mm	Width 74mm	Height 71mm	Paino 2.7kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z06S1	850HE 35W	5100	35	146	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	850HE 47W	6750	47	144	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	850HE 55W	7900	55	144	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	850HO 70W	9700	70	139	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	850HO 79W	10800	79	137	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	850HO 97W	12800	97	132	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06		CRI>90	3000K	S1	Length 1175mm	Width 74mm	Height 71mm	Paino 2.7kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z06S1	930HE 35W	4150	35	119	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	930HE 47W	5450	47	116	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	930HE 55W	6400	55	116	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	930HO 70W	7900	70	113	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	930HO 79W	8750	79	111	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	930HO 97W	10400	97	107	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06		CRI>90	4000K	S1	Length 1175mm	Width 74mm	Height 71mm	Paino 2.7kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z06S1	940HE 35W	4800	35	137	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	940HE 47W	6300	47	134	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	940HE 55W	7400	55	135	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	940HO 70W	9100	70	130	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	940HO 79W	10100	79	128	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	940HO 97W	12000	97	124	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06		CRI>90	5000K	S1	Length 1175mm	Width 74mm	Height 71mm	Paino 2.7kg
Item	Technical name	Flux [lm]**	Power [W]**	Efficacy [lm/W]**	Ta	Ta,ind	Light service life	Failure rate
MODE Z06S1	950HE 35W	4800	35	137	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	950HE 47W	6300	47	134	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	950HE 55W	7400	55	135	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	950HO 70W	9100	70	130	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	950HO 79W	10100	79	128	-25...+40°C	-40...+40 °C	L80B50 = 100 000h	100 000h / 10%
MODE Z06S1	950HO 97W	12000	97	124	-25...+30°C	-40...+30 °C	L80B50 = 100 000h	100 000h / 10%

** All performance values are given at room temperature +25°C. Not to condensive environment or -use. The tolerance of power and flux is ± 7%.