



## SNEP<sup>®</sup> Mode X – Heavy series of lighting

SNEP<sup>®</sup> Mode X effortlessly illuminates heavy industry in demanding applications such as **saw, paper and process industries, maintenance halls, and car wash lines**. SNEP<sup>®</sup> Mode X is also an excellent solution for public terminals and tunnels. This top-of-the-line luminaire is specially designed for humid, dirty, cold and warm conditions.

### Product development with industry

Constructed from high quality components, the Mode X has been developed in cooperation with industrial customers for heavy conditions. Robust, machined aluminum shell, a safety glass glued onto the body, cast aluminium ends and high-grade silicone gaskets give the SNEP<sup>®</sup> Mode CORE inside the luminaire impact resistance, robust heat management and protection against mechanical stress, dust, water and solvents.

# Mode X

**Enclosure class**

IP67

**Protection class**

I

**Mechanical impact resistance (IK class)**

IK09

**Ambient temperature in operating environment (Ta class)**

Ta -25...+50°C / -25...+45°C

Ta Industry -40...+50°C / -40...+60°C

**Frame structure**

- Frame powder coated aluminum profile
- End caps, powder coated die-cast aluminum
- Cable gland made of brass or stainless steel
- The screws are acid-resistant
- Gaskets made of high quality silicone

**Glare protection / optics**

Injection moulded PMMA plastic optics

**Light distributions**

Wide 90°, Mid-width 60°, Narrow 30°, Retail, Retail ASYM, Opal, Clear

**Colour**

Polyester powder coated

RAL 7016

**Corrosion classes (ISO 12944)**

Luminaire C5-I

Bracket C3, m

Brackets also available according to the C5-class

**Voltage**

200-240 Vac

**Frequency**

0/50/60 Hz

**Control**

On / Off, DALI

**CCT**

3000K, 4000K and

5000K

**Power factor**

> 0,95

**Light service life**

L80B50 100 000h

**Failure rate**

100 000h / 10%

**Light source**

LED

**Connection to terminal block**

- Terminal block 5x2,5mm<sup>2</sup>. There are two cable inlets at the end of the luminaire.

**Connection via cables**

- Connection cable from end 3x1.5mm<sup>2</sup> or 5x1.5mm<sup>2</sup>
- Connection cables wired through from both ends 5x2.5mm<sup>2</sup>
- Two connecting cables from the same end, concatenated max. 5x2,5mm<sup>2</sup>

**Installation method**

On the ceiling, light suspension rail or suspended from a cable or adjustable bracket. Installation series are available separately.

**Dimensions**

**A** 1170/1730mm

**B** 40mm

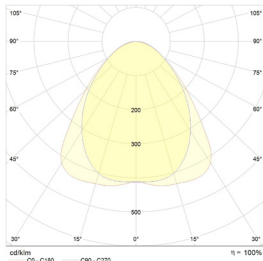
**C** 79mm

**D** 69mm

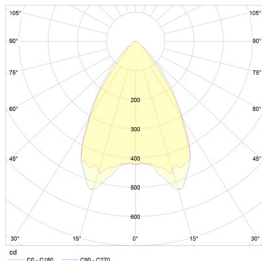


## Light distributions

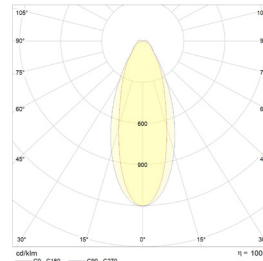
**Wide (W90)**



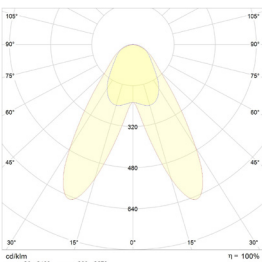
**Mid-width (W60)**



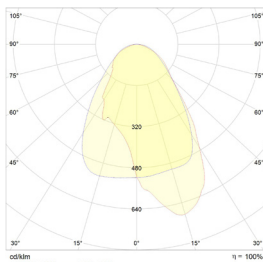
**Narrow (N30)**



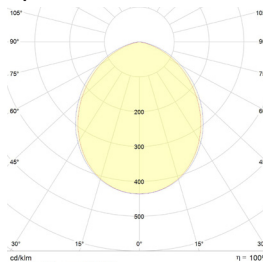
**Retail (A2)**



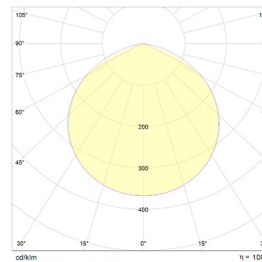
**Retail ASYM (A1)**



**Opal (S2)**



**Clear (C1)**



# Mode X

**Light distribution:**

Wide 90°

**Colour rendering:**

Typ 85

**Lifespan\*\*:**

L80B50 100 000h

**Colour temperature:**

4000K

**Mode X04**

1170mm

**Mode X06**

1730mm

Technical name	Luminous flux (lm)**	Luminous efficacy (lm/W)**	Power (W)**	Ta class	Industry Ta class	Weight
X04W90 840HE	3550	154	23	-25...+50°C	-40...+60°C	4,5 Kg
X04W90 840HE	3950	152	26	-25...+50°C	-40...+60°C	4,5 Kg
X04W90 840HE	4350	150	29	-25...+50°C	-40...+60°C	4,5 Kg
X04W90 840HE	4800	150	32	-25...+50°C	-40...+60°C	4,5 Kg
X04W90 840HE	5200	149	35	-25...+50°C	-40...+60°C	4,5 Kg
X04W90 840HO	5550	146	38	-25...+45°C	-40...+50°C	4,5 Kg
X04W90 840HO	5900	148	40	-25...+45°C	-40...+50°C	4,5 Kg
X04W90 840HO	6600	147	45	-25...+45°C	-40...+50°C	4,5 Kg
X04W90 840HO	7250	145	50	-25...+45°C	-40...+50°C	4,5 Kg
X04W90 840HO	7900	144	55	-25...+45°C	-40...+50°C	4,5 Kg
X04W90 840HO	8500	142	60	-25...+45°C	-40...+50°C	4,5 Kg
X06W90 840HE	5300	161	33	-25...+50°C	-40...+60°C	6,4 Kg
X06W90 840HE	5900	159	37	-25...+50°C	-40...+60°C	6,4 Kg
X06W90 840HE	6600	157	42	-25...+50°C	-40...+60°C	6,4 Kg
X06W90 840HE	7250	154	47	-25...+50°C	-40...+60°C	6,4 Kg
X06W90 840HE	7850	154	51	-25...+50°C	-40...+60°C	6,4 Kg
X06W90 840HO	8350	152	55	-25...+45°C	-40...+50°C	6,4 Kg
X06W90 840HO	8900	151	59	-25...+45°C	-40...+50°C	6,4 Kg
X06W90 840HO	9850	147	67	-25...+45°C	-40...+50°C	6,4 Kg
X06W90 840HO	10850	147	74	-25...+45°C	-40...+50°C	6,4 Kg
X06W90 840HO	11800	144	82	-25...+45°C	-40...+50°C	6,4 Kg
X06W90 840HO	12800	144	89	-25...+45°C	-40...+50°C	6,4 Kg

\*\* All performance values are given at a room temperature of +25°C, Non-condensing operating environment, power and luminous flux tolerance ±7%