PRIMA SNS



... with movement detector, impact resistant, MultiLumen.

USE

It is designed for indoor spaces, **industrial premises, agricultural buildings, warehouses as well as sports facilities, transport hubs, car parks and garages, workshops and laboratories** with no explosion hazard.

IP69-rated and HACCP-compliant, the fitting's design also makes it a great choice for the food industry.

Made of clear polycarbonate, the base and the diffuser boast **high impact and deformation resistance**.

Emissions in the environment of use may reduce the usability of the plastics; for more information see page 421.

ADVANTAGES

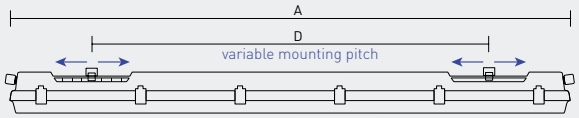
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25°C to **ta = 50°C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch,** optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- **MultiLumen (ML)** function enables simple switching between up to four luminous fluxes via driver's DIP switch.
- Optional throughwiring (up to 5 wires inside the light fitting)
- Standard model CRI > 80: 4000 K
- On request CRI > 80: 3000 K, 5000 K, 6500 K
- CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- Certificates: **HACCP**

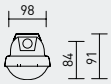
PRIMA SNS PC, PCc



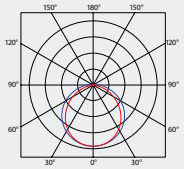
TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: ta = 0-40 °C for version with emergency back-up M3hAt
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- Maximum light fitting efficiency: **163 lm/W**
- **CRI** > **80: 4000 K** – standard
- CRI > 80: 3000 K, 5000 K, 6500 K - on request
- CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K - on request
- **MultiLumen (ML):** luminous flux variable in up to 4 steps. In the standard version preset maximum luminous flux.
- MacAdam = 3 SDCM
- Diffuser: **translucent PC** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical resistance, UV stability)
- Reflector: steel sheet, white colour (RAL 9003)
- **Mounting clips:** stainless steel, stainless steel hooks included
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- **Motion sensor:** detection angle 30°-150°, switch on height 1 – 6 m, time range 5 sec – 15 min, switch-on sensitivity 2 – 50 lux
- Cable glands: screwed PG 13.5
- Terminal block: screwless, three-pole (basic version), or screwed
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %





PRIMA 1.5ft SNS



Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Preselected Step 1 of MultiLumen function			Net weight [kg]	A [mm]	D [mm]
			Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]			
Up to ambient temperature ta = 50 °C - body: grey polycarbonate - diffuser: translucent polycarbonate								
PRIMA 1.4ft SNS PC 3200/840	50	3260	3030	20,1	151	1,8	1175	700 - 960
PRIMA 1.4ft SNS PC 4400/840 *	45	4520	4200	27,3	154	1,8	1175	700 - 960
PRIMA 1.4ft SNS PC 6400/840 *	45	6500	6050	38,5	157	1,8	1175	700 - 960
PRIMA 1.4ft SNS PC 8000/840	35	8160	7590	49,0	155	1,8	1175	700 - 960
PRIMA 1.5ft SNS PC 4000/840	50	4180	3890	25,3	154	2,1	1455	970 - 1230
PRIMA 1.5ft SNS PC 5500/840 *	45	5590	5200	33,3	156	2,1	1455	970 - 1230
PRIMA 1.5ft SNS PC 8000/840 *	45	8020	7460	47,4	157	2,1	1455	970 - 1230
PRIMA 1.5ft SNS PC 10000/840	35	10350	9630	62,9	153	2,1	1455	970 - 1230

*) Also available with MultiLumen function:

Type	MultiLumen function								
	Step 2			Step 3			Step 4		
	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]
PRIMA 1.4ft SNS PC 4400/840 ML	3650	23,3	157	3080	19,5	158	2490	15,8	158
PRIMA 1.4ft SNS PC 6400/840 ML	5250	32,8	160	4440	27,4	162	3600	22,1	163
PRIMA 1.5ft SNS PC 5500/840 ML	4500	28,4	158	3790	23,6	161	3070	19,1	161
PRIMA 1.5ft SNS PC 8000/840 ML	6480	40,4	160	5480	33,6	163	4440	27,2	163

PRIMA SNS PC

Non-dimmable driver - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
106386	PRIMA 1.4ft SNS PC 3200/840	106394	106402	109011	109019
106387	PRIMA 1.4ft SNS PC 4400/840 ML	106395	106403	109012	109020
106388	PRIMA 1.4ft SNS PC 6400/840 ML	106396	106404	109013	109021
106877	PRIMA 1.4ft SNS PC 8000/840	106879	106881	x	x
106390	PRIMA 1.5ft SNS PC 4000/840	106398	106406	109015	109023
106391	PRIMA 1.5ft SNS PC 5500/840 ML	106399	106407	109016	109024
106392	PRIMA 1.5ft SNS PC 8000/840 ML	106400	106408	109017	109025
106878	PRIMA 1.5ft SNS PC 10000/840	106880	106882	x	x

PRIMA SNS PCc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
106442	PRIMA 1.4ft SNS PCc 3200/840	106450	106458	109027	109035
106443	PRIMA 1.4ft SNS PCc 4400/840 ML	106451	106459	109028	109036
106444	PRIMA 1.4ft SNS PCc 6400/840 ML	106452	106460	109029	109037
106883	PRIMA 1.4ft SNS PCc 8000/840	106885	106887	x	x
106446	PRIMA 1.5ft SNS PCc 4000/840	106454	106462	109031	109039
106447	PRIMA 1.5ft SNS PCc 5500/840 ML	106455	106463	109032	109040
106448	PRIMA 1.5ft SNS PCc 8000/840 ML	106456	106464	109033	109041
106884	PRIMA 1.5ft SNS PCc 10000/840	106886	106888	x	x

PRIMA SNS PC CORRIDOR

Digital dimmable driver DALI - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
106498	PRIMA 1.4ft SNS PC 3200/840 COR	106506	106514	109043	106550
106499	PRIMA 1.4ft SNS PC 4400/840 COR	106507	106515	109044	106551
106500	PRIMA 1.4ft SNS PC 6400/840 COR	106508	106516	109045	106552
106889	PRIMA 1.4ft SNS PC 8000/840 COR	106891	106893	x	x
106502	PRIMA 1.5ft SNS PC 4000/840 COR	106510	106518	109047	106554
106503	PRIMA 1.5ft SNS PC 5500/840 COR	106511	106519	109048	106555
106504	PRIMA 1.5ft SNS PC 8000/840 COR	106512	106520	109049	106556
106890	PRIMA 1.5ft SNS PC 10000/840 COR	106892	106894	x	x

PRIMA SNS PCc CORRIDOR

Digital dimmable driver DALI - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
106558	PRIMA 1.4ft SNS PCc 3200/840 COR	106566	106574	109051	106610
106559	PRIMA 1.4ft SNS PCc 4400/840 COR	106567	106575	109052	106611
106560	PRIMA 1.4ft SNS PCc 6400/840 COR	106568	106576	109053	106612
106895	PRIMA 1.4ft SNS PCc 8000/840 COR	106897	106899	x	x
106562	PRIMA 1.5ft SNS PCc 4000/840 COR	106570	106578	109055	106614
106563	PRIMA 1.5ft SNS PCc 5500/840 COR	106571	106579	109056	106615
106564	PRIMA 1.5ft SNS PCc 8000/840 COR	106572	106580	109057	106616
106896	PRIMA 1.5ft SNS PCc 10000/840 COR	106898	106900	x	x

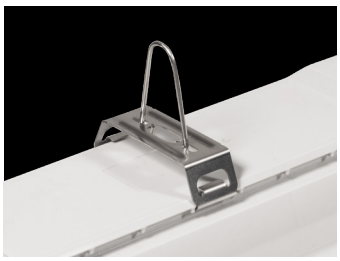
LEGEND

1F - 1-phase 3 core through-wiring in the luminaire for connection of max. 5 slave luminaires
3F - 3-phase 5 core through-wiring in the luminaire for connection of max. 5 slave luminaires (sensor connected to L3)
M3hAt - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
3F M3h At - 3-phase 5 core through-wiring in the luminaire for connection of max. 5 slave luminaires (sensor and emergency unit connected to L3)

COR - version with digital dimmable driver DALI and set CORRIDOR function
COR 1F - 1-phase 5 core through-wiring in the luminaire for connection of max. 20 luminaires
COR 3F - 3-phase 7 core through-wiring in the luminaire for connection of max. 20 luminaires (sensor connected to L1)
COR 3F M3hAt - 3-phase 7 core through-wiring in the luminaire for connection of max. 20 luminaires (sensor connected to L1 and emergency unit to L3)

LIGHT FITTING ATTACHMENT

a) Directly to a ceiling or a wall with the use of screws and stainless brackets
b) Suspension with the use of stainless hooks
c) Attachment with the use of side hangers to the wall - is not included in accessories


LIGHT FITTING DETAILED VIEW

PRIMA SNS PC

