

# PRIMA PIR

NEW



... with movement detector, impact resistant.

## 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.

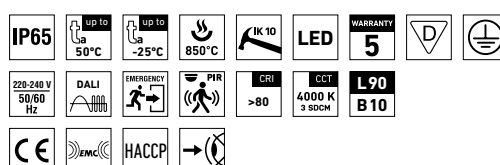
The luminaire is suitable for workplaces with a mounting height of 3.5 to 12 m.

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 407.

## ADVANTAGES

- Light fitting protection **IP65**
- High temperature resistance in a range from  $t_a = -25^\circ\text{C}$  to  $t_a = 50^\circ\text{C}$
- 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
- 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
- Optional delivery in emergency version

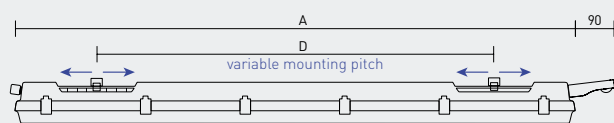


## PRIMA PIR PC, PCc



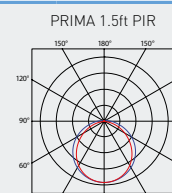
## TECHNICAL DESCRIPTION

- Light fitting protection: **IP65**
- 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: **157 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
- 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:** 360° range, switch on height 1 – 12 m, time range 2 sec – 30 min, switch-on sensitivity 2 – 500 lux
- Cable gland: 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 %



## UGR EVALUATED FOR

X = 4 H, Y = 8 H S = 0.25 H  
 Reflectivity 70/50/20



Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	UGR Longitudinal/transverse	Net weight [kg]	A [mm]	D [mm]
Up to ambient temperature ta = 50 °C - body: grey polycarbonate - diffuser: translucent polycarbonate									
PRIMA 1.2ft PIR PC 1600/840	50	1630	1520	10,5	145	23.0 / 21.6	1,0	615	110 - 370
PRIMA 1.2ft PIR PC 2200/840	45	2360	2190	14,6	150	24.3 / 22.8	1,0	615	110 - 370
PRIMA 1.4ft PIR PC 3200/840	50	3260	3030	20,1	151	23.2 / 21.9	1,8	1175	700 - 960
PRIMA 1.4ft PIR PC 4400/840	45	4520	4200	27,3	154	24.3 / 23.0	1,8	1175	700 - 960
PRIMA 1.4ft PIR PC 6400/840	45	6500	6050	38,5	157	25.6 / 24.3	1,8	1175	700 - 960
PRIMA 1.4ft PIR PC 8000/840	35	8160	7590	49	155	26.4 / 25.0	1,8	1175	700 - 960
PRIMA 1.5ft PIR PC 4000/840	50	4180	3890	25,3	154	23.3 / 22.0	2,1	1455	970 - 1230
PRIMA 1.5ft PIR PC 5500/840	45	5590	5200	33,3	156	24.3 / 23.0	2,1	1455	970 - 1230
PRIMA 1.5ft PIR PC 8000/840	45	8020	7460	47,4	157	25.6 / 24.3	2,1	1455	970 - 1230
PRIMA 1.5ft PIR PC 10000/840	35	10350	9630	62,9	153	26.5 / 25.2	2,1	1455	970 - 1230

## PRIMA PIR PC non-dimmable, plastic clips

Code	Type	M3hAt
107178	PRIMA 1.2ft PIR PC 1600/840	x
107179	PRIMA 1.2ft PIR PC 2200/840	x
107180	PRIMA 1.4ft PIR PC 3200/840	107188
107181	PRIMA 1.4ft PIR PC 4400/840	107189
107182	PRIMA 1.4ft PIR PC 6400/840	107190
107183	PRIMA 1.4ft PIR PC 8000/840	x
107184	PRIMA 1.5ft PIR PC 4000/840	107191
107185	PRIMA 1.5ft PIR PC 5500/840	107192
107186	PRIMA 1.5ft PIR PC 8000/840	107193
107187	PRIMA 1.5ft PIR PC 10000/840	x

Basic PIR settings: light time 5 min,  
 ambient light control set to 2 lux  
 To change the settings, the HRC-11 remote control (12285) is required

## PRIMA PIR PC COR digital dimmable DALI, plastic clips

Code	Type	M3hAt
107194	PRIMA 1.2ft PIR PC 1600/840 COR	x
107195	PRIMA 1.2ft PIR PC 2200/840 COR	x
107196	PRIMA 1.4ft PIR PC 3200/840 COR	107204
107197	PRIMA 1.4ft PIR PC 4400/840 COR	107205
107198	PRIMA 1.4ft PIR PC 6400/840 COR	107206
107199	PRIMA 1.4ft PIR PC 8000/840 COR	x
107200	PRIMA 1.5ft PIR PC 4000/840 COR	107207
107201	PRIMA 1.5ft PIR PC 5500/840 COR	107208
107202	PRIMA 1.5ft PIR PC 8000/840 COR	107209
107203	PRIMA 1.5ft PIR PC 10000/840 COR	x

Basic PIR COR settings:  
 5 min at 100% light level; 10 min at 20% light level, then 0%  
 To change the settings, the HRC-11 remote control (12285) is required

## PRIMA PIR PCc non-dimmable, stainless clips

Code	Type	M3hAt
107210	PRIMA 1.2ft PIR PCc 1600/840	x
107211	PRIMA 1.2ft PIR PCc 2200/840	x
107212	PRIMA 1.4ft PIR PCc 3200/840	107220
107213	PRIMA 1.4ft PIR PCc 4400/840	107221
107214	PRIMA 1.4ft PIR PCc 6400/840	107222
107215	PRIMA 1.4ft PIR PCc 8000/840	x
107216	PRIMA 1.5ft PIR PCc 4000/840	107223
107217	PRIMA 1.5ft PIR PCc 5500/840	107224
107218	PRIMA 1.5ft PIR PCc 8000/840	107225
107219	PRIMA 1.5ft PIR PCc 10000/840	x

Basic PIR settings: light time 5 min,  
 ambient light control set to 2 lux  
 To change the settings, the HRC-11 remote control (12285) is required

## PRIMA PIR PCc COR digital dimmable DALI, stainless clips

Code	Type	M3hAt
107226	PRIMA 1.2ft PIR PCc 1600/840 COR	x
107227	PRIMA 1.2ft PIR PCc 2200/840 COR	x
107228	PRIMA 1.4ft PIR PCc 3200/840 COR	107236
107229	PRIMA 1.4ft PIR PCc 4400/840 COR	107237
107230	PRIMA 1.4ft PIR PCc 6400/840 COR	107238
107231	PRIMA 1.4ft PIR PCc 8000/840 COR	x
107232	PRIMA 1.5ft PIR PCc 4000/840 COR	107239
107233	PRIMA 1.5ft PIR PCc 5500/840 COR	107240
107234	PRIMA 1.5ft PIR PCc 8000/840 COR	107241
107235	PRIMA 1.5ft PIR PCc 10000/840 COR	x

Basic PIR COR settings:  
 5 min at 100% light level; 10 min at 20% light level, then 0%  
 To change the settings, the HRC-11 remote control (12285) is required

## LEGEND

- M3hAt** – emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest  
**COR** – version with digital dimmable driver DALI and set CORRIDOR function in **PIR sensor, setting with the HRC11 remote control**

## 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 PIR PC

