



- Robust design with IK08
- i-P65+ L: with wide-beam symmetrical lens
- i-P65+ H: with narrow-beam reflector
- High lumen output for high spacing and high ceilings
- Minimum maintenance effort and increased safety via use of LEDs with high service life (up to 60,000 h)

**Light Source :**

COB LED 6.5W

**Materials:**

Impact-resistant polycarbonate  
Die-Cast Aluminium optional

**Operation:**

Maintained / Non-maintained  
3h duration

**Applications:**

Factories, warehouses

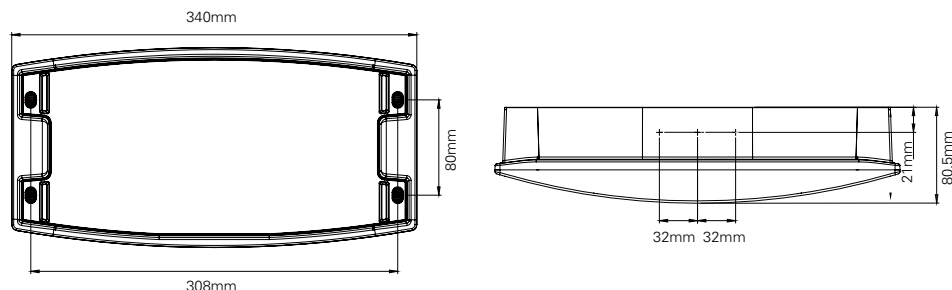
The i-P65+ was developed specifically for requirements in industrial environments.

With a combination of high-efficiency LEDs and special optics, the i-P65+ provides optimum performance for a variety of applications.

The housing construction features an IP65 protection rating and IK08 impact resistance, making it ideal for ambient conditions in the industrial sector. The photometric and electronic components including batteries are designed for reliable functionality with continuous ambient temperatures up to 40°C. The luminaires can therefore be reliably used in halls where machines or processes cause increased temperatures.

Because of the high light output – also with battery operation – the i-P65+ is also suitable for applications in which more than 1 lx is required, e.g. for high risk task areas workstations where according to EN 1838 at least 15 lx or 10 % of general lighting is required, or in emergency lighting systems where a mean illuminance of 10.8 lx is specified by the North American NFPA 101 standard.

The i-P65+ is of course also available with EATON CGLine+ technology for highly convenient and reliable monitoring of the lighting system.



Order code	Description						
<b>Polycarbonate enclosure</b>							
iP65PLP3H	i-P65 Plus L 3H	21.7 VA/10.7 W	510 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
iP65PHP3H	i-P65 Plus H 3H	21.7 VA/10.7 W	380 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
iP65PLP3HIS	i-P65 Plus L 3H, Auto-Test	21.7 VA/10.7 W	510 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
iP65PHP3HIS	i-P65 Plus H 3H, Auto-Test	21.7 VA/10.7 W	380 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
iP65PLP3HCGL	i-P65 Plus L 3H, CGLine+	21.7 VA/10.7 W	510 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
iP65PHP3HCGL	i-P65 Plus H 3H, CGLine+	21.7 VA/10.7 W	380 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
<b>Aluminium enclosure</b>							
iP65PLA3HCGL	i-P65 Plus L 3H, CGLine+	21.7 VA/10.7 W	510 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
iP65PHA3HCGL	i-P65 Plus H 3H, CGLine+	21.7 VA/10.7 W	380 Lm	3h	4.8V-4Ah NiCd	Maintained / Non Maintained	
<b>230VAC Slave High-Bay</b>							
IP65PHP230	i-P65 Plus 230V AC Mains Slave (Polycarbonate)						
IP65PHA230	i-P65 Plus 230V AC Mains Slave (Aluminum)						
IP65PHP230EC	i-P65 Plus 230V AC Mains Easichck Slave (Polycarbonate)						
IP65PHA230EC	i-P65 Plus 230V AC Mains Easichck Slave (Aluminum)						

**Accessories**

iP65PSUSPB	Mounting bracket for chain suspension or for mounting at trunking systems or similar
------------	--

**230VAC Slave Mid-Bay**

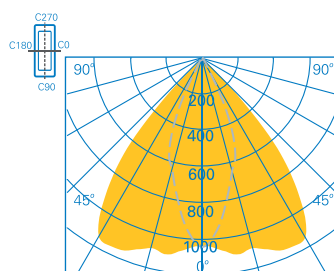
IP65PLP230	i-P65 Plus 230V AC Mains Slave (Polycarbonate)
IP65PLA230	i-P65 Plus 230V AC Mains Slave (Aluminum)
IP65PLP230EC	i-P65 Plus 230V AC Mains Easichack Slave (Polycarbonate)
IP65PLA230EC	i-P65 Plus 230V AC Mains Easichack Slave (Aluminum)

**CEAG High-Bay**

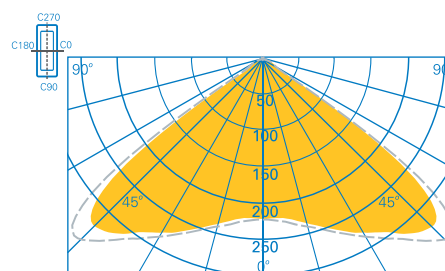
IP65PHPCGS	i-P65 Plus 230V CEAG Slave (Polycarbonate)
IP65PHACGS	i-P65 Plus 230V CEAG Slave (Aluminum)

**CEAG Mid-Bay**

IP65PLPCGS	i-P65 Plus 230V CEAG Slave (Polycarbonate)
IP65PLACGS	i-P65 Plus 230V CEAG Slave (Aluminum)



**i-P65+ H**  
Asymmetric reflector  
Narrow-beam  
reflector technology



**i-P65+ L**  
Wide-beam  
Symmetrical lens

Luminaire type	Height (m)	Distance for 1 Lux				
3 h	Ceiling mounting	03.00	03.10	06.60	02.00	05.10
	Escape route centre	04.00	04.10	08.50	02.40	05.60
		05.00	04.90	10.30	02.80	06.20
		06.00	05.70	12.10	03.20	07.10
		07.00	06.40	13.80	03.60	07.90
		08.00	07.10	15.50	03.90	08.70
		09.00	07.70	17.00	04.10	09.50
		10.00	08.20	18.40	04.20	10.20
		15.00	08.80	23.70	02.80	11.70
		16.00	08.00	24.30	02.20	11.60

The lens optic emits almost square light distribution over a very large area. This makes it especially suitable for large halls where no fixed escape route can be defined due to changing uses, meaning the complete area must be illuminated. A maximum spacing of up to 23 m between luminaires reduces the number of required light points. An application range up to 17 m enables mounting at the normally occurring heights.



The reflector solution was specifically developed for extreme mounting heights in combination with tight escape routes, e.g. with highbay racking applications, where in the case of wrong light distribution more light is distributed into the shelving than for safety along the escape routes. Here mounting heights to 28 m and luminaire spacing to 30 m are possible. This reduction in the quantity of luminaires needed leads to reduced installation- and operating costs.

Luminaire type	Height (m)	Distance for 1 Lux				
3 h	Ceiling mounting	03.00	04.40	09.20	04.40	09.30
	Escape route centre	04.00	05.60	11.80	05.50	11.80
		05.00	06.60	14.30	06.50	14.20
		06.00	07.20	16.60	07.00	16.40
		07.00	07.40	18.50	07.00	18.10
		08.00	06.40	19.50	06.10	19.00
		09.00	04.60	19.50	04.50	18.90
		10.00	-	15.50	-	15.00
	Ceiling mounting	03.00	04.20	08.20	04.10	08.10
	Room illumination	04.00	05.20	10.50	05.20	10.50
3 h		05.00	05.90	12.80	05.90	12.80
		06.00	06.30	14.90	06.40	15.00
		07.00	06.80	16.90	06.80	16.90
		08.00	05.00	18.50	05.40	18.40
		09.00	03.60	18.20	03.70	18.20
		10.00	00.50	16.00	00.50	16.00
		15.00	00.50	15.70	00.50	15.60
		18.00	00.50	09.40	00.50	09.40