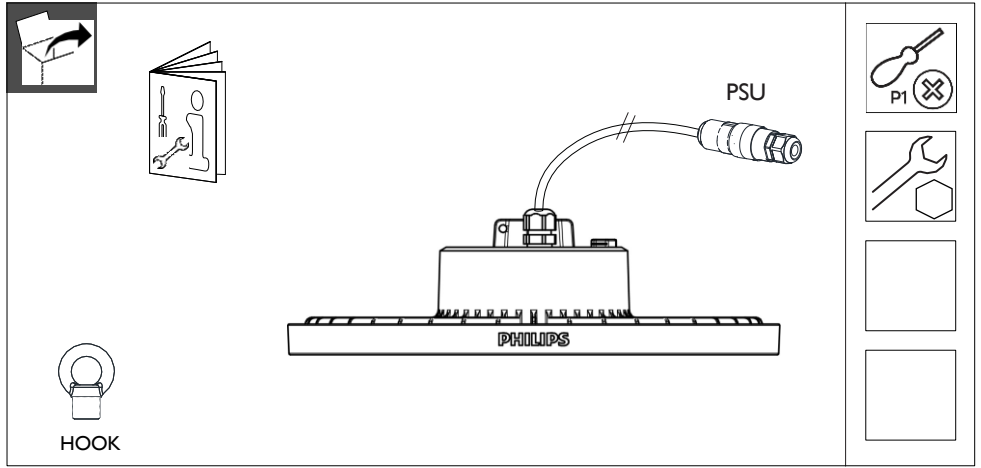


# PHILIPS

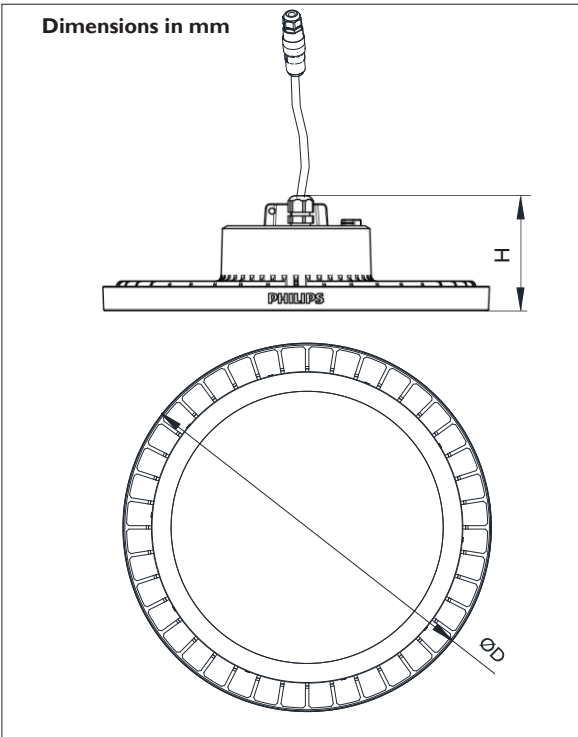
## Ledinaire Highbay

BY020P/BY021P/BY022 G3



Description	System Lumen (lm)	CCT(K)	Pmax (W)	Dimensions in mm D H		kg	light source energy efficiency class
BY020P G3 LED105S/840	10500		70	273	93	1.29	
BY021P G3 LED205S/840	20000	4000	133	319	93	1.93	C
BY022P G3 LED280S/840	28000		185	355	93	2.58	

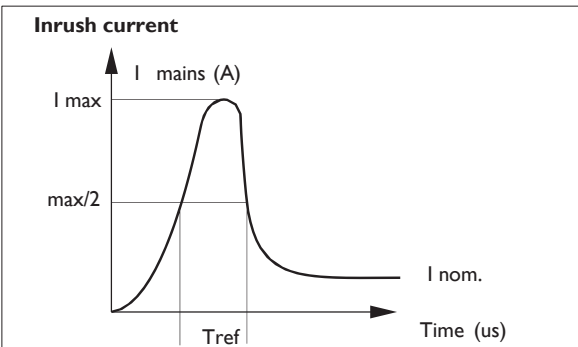
\* This product contains a light source of energy efficiency class: see table or label.



**Optional:**

Reflector needs to be ordered separately

I2NC	Description	d	h	Luminaire Type
9114 016 57907	BY020Z G2 ALU	382	156	BY020P G3
9114 015 65644	BY021Z G3 ALU	442	174	BY021P G3
9114 016 58007	BY021Z G2 BY022Z G3 ALU	480	194	BY022P G3



	BY020P G3	BY021P G3	BY022P G3
Electrical characteristics			
I <sub>max</sub> (A)	40	42	54
T <sub>ref</sub> (µs)	600	650	750
MCB Maximum number of luminaires			
B- 16 A	8	6	6
C- 16 A	13	8	8

### Hook Mounting

Hook dimension

Unit: mm

### Optional: Pipe Mounting

Pipe dimension

Unit: mm

### Optional: Bracket Mounting

12NC	Description
9114 016 27508	BY022Z G2 BR L216 Teeth washer & bracket location

Unit: mm

### Optional: Reflector Mounting

4PCS M3x6

Unit: mm

### Safety string Mounting

SUS304 Ø3 or better

Ø5

Must use safety chain in installation (safety chain is not included in the box).

Unit: mm

### Power connection

Cable: 60245 IEC57  
Min. 3x1.0 mm  
Max. 3x2.5 mm  
Ø6.5-Ø7.5 mm

1.5~2.5Nm

0.8 ± 0.1Nm

Unit: mm

- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
- Do not switch the luminaire on before completing installation.
- The height between luminous surface and ground suggested be more than 5m; and the height between bottom of luminaire and mounting surface must be more than 0.3m.
- If customer require the luminous surface levelness <math>< 1</math>, pipe mounting method is recommended, and suggest to use gradienter to precisely measure and adjust.
- If the external flexible cable or cord of this luminaire is damaged. It shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- The corrosive atmosphere or hazardous materials such as sulfur, chlorine, phthalate, etc must be avoided during the use and storage.
- Luminaire don't have any evaluation on additional protective measures to prevent luminaire from high-altitude falling and windproof structure, therefore it can't be used as flood and tunnel luminaire.
- Not suitable for use in harsh vibration and often causing vibration or swinging environment. Also not suitable for area prone to hurricane and extreme winds.
- Installer needs to be arrange the Chain / Pipe for mounting. The default product is supplied with a mounting hook.



Do not stare at the operating light source.