

cake II

LED Highbay

Successful
implementation of
new installations
& refurbishments



REGIOLUX



 80%
Energy saving

65
IP

08
IK



-30°
+50°
Ta

162
lm/W

L80
B10
50.000h

cake II

High-bay lighting for industry, logistics, retail, workshops, and many others

Embedded PC single lenses

Beam angle

 90°
120°

Housing with powerful thermal management

Eyebolt M14 for single-point suspension

Accessories: ceiling mounting bracket adjustable from 0-40°

Driver box to be opened

ET + DALI NFC driver: luminaire luminous flux can be electronically set in the production process according to customer requirements

Replace/exchange optimally

cake II	Conventional lamps		
LED	HME	HIT	HIE
LED 14000	400W	250W	250W
LED 24000		400W	400W

Efficiency benefits

	LED replaces	HME 400W	cake II 14000	HIE 400W	cake II 24000
	Luminous flux	22000 lm brutto	14000 lm netto	34000 lm brutto	24000 lm netto
	System output	440 W	87 W	480 W	150 W
	Relative electricity costs	100%	20%	100%	31%
	Savings		80%		69%

cake II

Mounting:

- Pendant luminaire
- Ceiling surface

Housing:

- Frame made of die-cast aluminium, grey powder-coated

Lighting technology CKH 120 direct wide distribution:

- LED lens optics; PC plastic
- Beam angle 120°

Lighting technology CKH 090 direct narrow/wide distribution:

- LED lens optics; PC plastic
- Beam angle 90°

Lamp:

- LED 50000h L80/B10
- CRI ≥ 80 / 4000K

Switching:

- 1 Controller
- NFC-Electronic driver, Electronic driver DALI
- 230V 50Hz

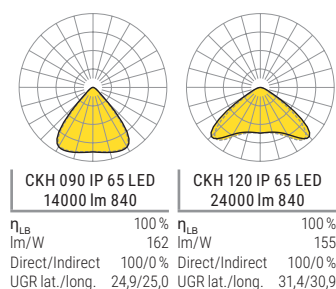
Miscellaneous:

- Electrical connection via connection cable 1,5 m
- Eyebolt M14 (14mm)
- Freely suspended luminaires weighing over 5 kg must be secured with two mutually independent suspension systems (in accordance with VDE 0100-718.559.4.1)

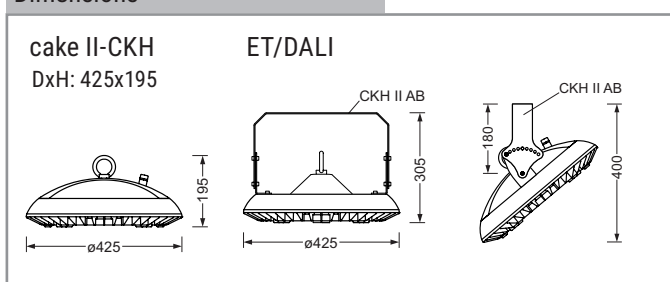
Accessories:

- Please order separately

cake II 120



Dimensions



cake II	Lamps	lm/W	P _{sys} [W]	Ta _{max} [C]	Colour	Ballast	DxH	Art. no.	
LED lens optics direct wide distribution 120°									
cake II-CKH 120 IP 65	LED 14000 840	157	87	-30 – +50°	ga	ED	425 x 195	3714 2114 105	8,78
						DALI ⁽¹⁾	425 x 195	3714 2116 605	8,78
	LED 24000 840	155	150	-30 – +45°	ga	ED	425 x 195	3714 2124 105	8,78
						DALI ⁽¹⁾	425 x 195	3714 2126 605	8,78
LED lens optics direct narrow/wide distribution 90°									
cake II-CKH 090 IP 65	LED 14000 840	162	87	-30 – +50°	ga	ED	425 x 195	3714 9114 105	8,78
						DALI ⁽¹⁾	425 x 195	3714 9116 605	8,78
	LED 24000 840	160	150	-30 – +45°	ga	ED	425 x 195	3714 9124 105	8,78
						DALI ⁽¹⁾	425 x 195	3714 9126 605	8,78

¹⁾Luminaires suitable for IoT (Internet of Things):

Mounting Accessories	Type	Colour	Material	Details	Art. no.		
Chain suspension	CKH-AS	me	St	Chain carabiner for CKH	3713 9241 100	0,14	1
	KK	me	St	Node chain l=30m, for SDT, SDT Basic, ATS, suspended luminaires	9282 9300 100	4,60	1
Ceiling attachment	CKH II-AB 0-40°	ga	St	Ceiling mounting bracket 0 - 40° adjustable for cake II	3714 9000 100	0.66	1

cake II

Our new highbay generation with outstanding values for your productivity and safety requirements.

The cake II is the right choice for you if efficiency, durability and brightness are to be combined.

9099 3341 221 1.A. 01/21 MA/digi/ Subject to changes

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Page	1	bildraum west Wiebke Wollner, Weiden DE · Riedl-Holzbau, Waldthurn DE
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REGIOLUX
Regiolux GmbH
Hellinger Straße 3
D 97486 Königsberg
T +49 9525 89 0
info@regiolux.de
www.regiolux.de