

Cobra IP65

Norlux -the nordic lighting supplier

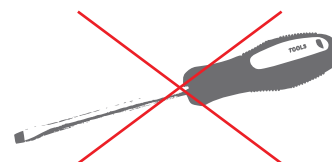
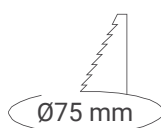
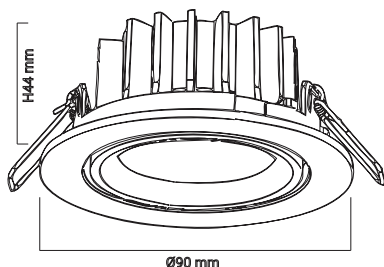


Cobra IP65 is a low height downlight, being only 44 mm high, and meeting all the requirements defined in TEK 10 standard. The low height makes it the perfect choice for use in low height roof boxes. Cobra IP65 is delivered with a dimmable LED-driver. The luminaire connects easily without the use of tools. Cobra IP65 is available in three different colors, see color choices and technical data in the table below.

LED Downlights
COB LED



Driver suitable for traditional regulation of lighting.



Dimensions

Cut Size

Life expectancy: 50 000 hours

Product no.	Product name	System (W)	Lumen	Color temp.	CRI	Reflector	Color
KT6594A-A	Cobra IP65	8W	730 lm	2700K	80	30°	B.Alu
KT6594A-B	Cobra IP65	8W	730 lm	2700K	80	30°	Black
KT6594A-W	Cobra IP65	8W	730 lm	2700K	80	30°	White



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***Dimming alternatives:**
1-10V dim (Product.no.)-d
Phase dim (Product.no.)-dd
Dali dim (Product.no.)-ddd



Norlux- part of LightGroupNordic

LED control gear with different phase-cut dimmers

Caution!

The maximum number of control gear per dimmer is defined by the power of the control gear and the dimmer: The total power of all connected control gear must not exceed 50% of the power of the dimmer.

Example:

Power of dimmer: 600 W – 50% power = 300 W

Power of control gear: 15 W

Maximum number of control gear: $300 \text{ W} : 15 \text{ W} \leq 20$ devices

LCBI 10W 180mA PHASE-CUT / 1-10V SR (87500273) – Values for dimmers at full load

Product name	Article no.	Dimmer type [®]	Control gear per dimmer	Noise rating [®]	Flicker rating [®]	Other issues [®]
TCL K9051 630W	K9051	leading	1-21	3	1	
Schneider 500W	EV51RD400	leading	1-16	3	1	
Panasonic 400	WFH549	leading	1-13	3	1	
CLIPSAL 32E 450TM	32E450TM	trailing	1-15	2	1	
Elko 40 315 VA (315LE)	1471444	trailing	1-10	2	1	
E-LITE 500W	U116	trailing	1-16	2	1	
ShiTongSongBen 100		leading	1-3	3	1	
CLIPSAL 32E 450 UDM	32E450UDM	universal	1-15	3	1	
Siemens 40-500W		leading	1-16	3	1	
KaoYi 40-250W	KA-DSP250PZ	leading	1-8	4	4	Min. load flicker
Lutron 40-1200W	GRX-3102-AU	leading	1-40	3	1	
ATIA 20-300W	3GIB703	trailing	1-10	2	1	
CLIPSAL CBus 2 L5508D1A	10871212	leading	8 x 10 channel	3	2	Min. load flicker, can set the dimmer by software to solve this problem
CLIPSAL CBus 2 L5504D1A		universal	4 x 10 channel	3	1	
D & C XHB 15w-150w		leading	1-5	3	2	Dimming depth > 38 %
Legrand HPM 400L 10-400W	cat400L	leading	1-13	3	1	
Legrand 25-500	ADW-LS5	leading	1-16	4	4	Min. load flicker
CHNT 500W	NEW6-L30510	leading	1-16	3	1	
Clipsal 40-600	E3031HD	leading	1-20	3	1	
Simon 45E101 500W	45E101	trailing	1-16	3	1	
Tridonic DALI PCD 300One4all	86458303	universal	1-20	2	1	
E-LITE 500W	SED-200A	trailing	1-16	2	1	
Schneider 400W	C460	leading	1-13	3	1	

[®] Dimmer types: leading, trailing, universal

[®] Noise evaluation: 1 (very little noise) – 4 (strong noise). Noise evaluation was only carried out for full load. Values for minimum load are less critical. For reference refer to full load.

[®] Flicker evaluation: 1 (no flicker) – 4 (strong flicker)

[®] Other issues: description of the issue. ZSL-UP is an additional circuit that can improve the dimming behavior of specific lamps

LED control gear with different phase-cut dimmers

LCBI 10W 180mA PHASE-CUT / 1-10V SR (87500273) – Values for dimmers at minimum load

Product name	Article no.	Dimmer type [®]	Control gear per dimmer	Noise rating [®]	Flicker rating [®]	Other issues [®]
TCL K9051 630W	K9051	leading	1-42	3	1	
Schneider 500W	EV51RD400	leading	1-32	3	1	
Panasonic 400	WFH549	leading	1-26	3	3	Flicker at 190mA
CLIPSAL 32E 450TM	32E450TM	trailing	1-30	2	1	
Elko 40 315 VA (315LE)	1471444	trailing	1-20	2	1	
E-LITE 500W	U116	trailing	1-32	2	1	
ShiTongSongBen 100		leading	1-6	3	1	
CLIPSAL 32E 450 UDM	32E450UDM	universal	1-30	3	1	
Siemens 40-500W		leading	1-32	3	1	
KaoYi 40-250W	KA-DSP250PZ	leading	1-16	3	1	
Lutron 40-1200W	GRX-3102-AU	leading	1-80	4	4	Min. load flicker
ATIA 20-300W	3GIB703	trailing	1-20	2	1	
CLIPSAL CBus 2 L5508D1A	10871212	leading	8 x 10 channel	3	2	Min. load flicker, can set the dimmer by software to solve this problem
CLIPSAL CBus 2 L5504D1A		universal	4 x 10 channel	3	1	
D & C XHB 15w-150w		leading	1-10	3	1	Dimming Range 50 ~ 100 %
Legrand HPM 400L 10-400W	cat400L	leading	1-26	3	1	
Legrand 25-500	ADW-LS5	leading	1-32	4	4	Min. load flicker
CHNT 500W	NEW6-L30510	leading	1-32	3	3	Flicker at 70mA
Clipsal 40-600	E3031HD	leading	1-40	3	1	
Simon 45E101 500W	45E101	trailing	1-32	3	1	
Tridonic DALI PCD 300One4all	86458303	universal		3	1	
Schneider 400W	C460	leading	1-26	3	1	
Schneider	K31RD400	leading		4	2	

[®] Dimmer types: leading, trailing, universal

[®] Noise evaluation: 1 (very little noise) – 4 (strong noise). Noise evaluation was only carried out for full load. Values for minimum load are less critical. For reference refer to full load.

[®] Flicker evaluation: 1 (no flicker) – 4 (strong flicker)

[®] Other issues: description of the issue. ZSL-UP is an additional circuit that can improve the dimming behavior of specific lamps

LED control gear with different phase-cut dimmers

LCBI 10W 350mA PHASE-CUT / 1-10V SR (87500274) – Values for dimmers at full load

Product name	Article no.	Dimmer type [®]	Control gear per dimmer	Noise rating [®]	Flicker rating [®]	Other issues [®]
TCL K9051 630W	K9051	leading	1-21	3	1	
Schneider 500W	EV51RD400	leading	1-16	3	4	Min. load flicker
Panasonic 400	WFH549	leading	1-13	3	1	
CLIPSAL 32E 450TM	32E450TM	trailing	1-15	2	1	
Elko 40 315 VA (315LE)	1471444	trailing	1-10	2	1	
E-LITE 500W	U116	trailing	1-16	2	1	
ShiTongSongBen 100		leading	1-3	3	1	
CLIPSAL 32E 450 UDM	32E450UDM	universal	1-15	2	1	
Siemens 40-500W		leading	1-16	3	4	Min. load flicker
KaoYi 40-250W	KA-DSP250PZ	leading	1-8	3	1	
Lutron 40-1200W	GRX-3102-AU	leading	1-40	3	1	
ATIA 20-300W	3GIB703	trailing	1-10	2	1	
CLIPSAL CBus 2 L5508D1A	10871212	leading	8 x 10 channel	3	2	Min. load flicker, can set the dimmer by software to solve this problem
CLIPSAL CBus 2 L5504D1A		universal	4 x 10 channel	3	1	
D & C XHB 15w-150w		leading	1-5	3	2	Min. load flicker
Legrand HPM 400L 10-400W	cat400L	leading	1-13	3	1	
Legrand 25-500	ADW-LS5	leading	1-16	3	4	Min. load flicker
CHNT 500W	NEW6-L30510	leading	1-16	3	4	Min. load flicker
Clipsal 40-600	E3031HD	leading	1-20	3	4	Min. load flicker
Simon 45E101 500W	45E101	trailing	1-16	3	1	
Tridonic DALI PCD 300One4all	86458303	universal	1-15	2	1	

[®] Dimmer types: leading, trailing, universal

[®] Noise evaluation: 1 (very little noise) – 4 (strong noise). Noise evaluation was only carried out for full load. Values for minimum load are less critical. For reference refer to full load.

[®] Flicker evaluation: 1 (no flicker) – 4 (strong flicker)

[®] Other issues: description of the issue. ZSL-UP is an additional circuit that can improve the dimming behavior of specific lamps

LED control gear with different phase-cut dimmers

LCBI 10W 350mA PHASE-CUT / 1-10V SR (87500274) – Values for dimmers at minimum load

Product name	Article no.	Dimmer type [®]	Control gear per dimmer	Noise rating [®]	Flicker rating [®]	Other issues [®]
TCL K9051 630W	K9051	leading	1-42	3	1	
Schneider 500W	EV51RD400	leading	1-32	3	4	Min. load flicker
Panasonic 400	WFH549	leading	1-26	3	1	
CLIPSAL 32E 450TM	32E450TM	trailing	1-30	2	1	
Elko 40 315 VA (315LE)	1471444	trailing	1-20	2	1	
E-LITE 500W	U116	trailing	1-32	2	1	
ShiTongSongBen 100		leading	1-6	3	1	
CLIPSAL 32E 450 UDM	32E450UDM	universal	1-30	2	1	
Siemens 40-500W		leading	1-32	3	4	Min. load flicker
KaoYi 40-250W	KA-DSP250PZ	leading	1-16	3	1	
Lutron 40-1200W	GRX-3102-AU	leading	1-80	3	1	
ATIA 20-300W	3GIB703	trailing	1-20	2	1	
CLIPSAL CBus 2 L5508D1A	10871212	leading	8 x 10 channel	3	2	Min. load flicker, can set the dimmer by software to solve this problem
CLIPSAL CBus 2 L5504D1A		universal	4 x 10 channel	3	2	Min. load flicker, can set the dimmer by software to solve this problem
D & C XHB 15w-150w		leading	1-10	3	1	
Legrand HPM 400L 10-400W	cat400L	leading	1-26	3	1	
Legrand 25-500	ADW-LS5	leading	1-32	3	4	Min. load flicker
CHNT 500W	NEW6-L30510	leading	1-32	3	4	Min. load flicker
Clipsal 40-600	E3031HD	leading	1-40	3	4	Min. load flicker
Simon 45E101 500W	45E101	trailing	1-32	3	1	
Tridonic DALI PCD 300One4all	86458303	universal	1-15	2	1	

[®] Dimmer types: leading, trailing, universal

[®] Noise evaluation: 1 (very little noise) – 4 (strong noise). Noise evaluation was only carried out for full load. Values for minimum load are less critical. For reference refer to full load.

[®] Flicker evaluation: 1 (no flicker) – 4 (strong flicker)

[®] Other issues: description of the issue. ZSL-UP is an additional circuit that can improve the dimming behavior of specific lamps

LED control gear with different phase-cut dimmers

LCBI 10W 500mA PHASE-CUT / 1-10V SR (87500275) – Values for dimmers at full load

Product name	Article no.	Dimmer type [®]	Control gear per dimmer	Noise rating [®]	Flicker rating [®]	Other issues [®]
TCL K9051 630W	K9051	leading	1-21	3	1	
Schneider 500W	EV51RD400	leading	1-16	3	1	
Panasonic 400	WFH549	leading	1-13	3	1	
CLIPSAL 32E 450TM	32E450TM	trailing	1-15	2	1	
Elko 40 315 VA (315LE)	1471444	trailing	1-10	2	1	
E-LITE 500W	U116	trailing	1-16	2	1	
ShiTongSongBen 100		leading	1-3	3	1	
CLIPSAL 32E 450 UDM	32E450UDM	universal	1-15	2	1	
Siemens 40-500W		leading	1-16	3	1	
KaoYi 40-250W	KA-DSP250PZ	leading	1-8	3	1	
Lutron 40-1200W	GRX-3102-AU	leading	1-40	3	1	
ATIA 20-300W	3GIB703	trailing	1-10	2	1	
CLIPSAL CBus 2 L5508D1A	10871212	leading	8 x 10 channel	3	2	Min. load flicker, can set the dimmer by software to solve this problem
CLIPSAL CBus 2 L5504D1A		universal	4 x 10 channel	3	1	
D & C XHB 15w-150w		leading	1-5	3	2	Dimming Depth 50 ~ 100 %
Legrand HPM 400L 10-400W	cat400L	leading	1-13	3	1	
Legrand 25-500	ADW-LS5	leading	1-16	3	1	
CHNT 500W	NEW6-L30510	leading	1-16	3	1	
Clipsal 40-600	E3031HD	leading	1-20	3	1	
Simon 45E101 500W	45E101	trailing	1-16	3	1	
Tridonic DALI PCD 300One4all	86458303	universal	1-20	2	1	

[®] Dimmer types: leading, trailing, universal

[®] Noise evaluation: 1 (very little noise) – 4 (strong noise). Noise evaluation was only carried out for full load. Values for minimum load are less critical. For reference refer to full load.

[®] Flicker evaluation: 1 (no flicker) – 4 (strong flicker)

[®] Other issues: description of the issue. ZSL-UP is an additional circuit that can improve the dimming behavior of specific lamps

LED control gear with different phase-cut dimmers

LCBI 10W 500mA PHASE-CUT / 1-10V SR (87500275) – Values for dimmers at minimum load

Product name	Article no.	Dimmer type [®]	Control gear per dimmer	Noise rating [®]	Flicker rating [®]	Other issues [®]
TCL K9051 630W	K9051	leading	1-42	3	1	
Schneider 500W	EV51RD400	leading	1-32	3	2	
Panasonic 400	WFH549	leading	1-26	3	2	
CLIPSAL 32E 450TM	32E450TM	trailing	1-30	3	4	Min. load flicker
Elko 40 315 VA (315LE)	1471444	trailing	1-20	2	1	
E-LITE 500W	U116	trailing	1-32	2	1	
ShiTongSongBen 100		leading	1-6	3	1	
CLIPSAL 32E 450 UDM	32E450UDM	universal	1-30	2	2	Dimming Depth 50 ~ 100 %
Siemens 40-500W		leading	1-32	3	1	
KaoYi 40-250W	KA-DSP250PZ	leading	1-16	3	1	
Lutron 40-1200W	GRX-3102-AU	leading	1-80	3	1	
ATIA 20-300W	3GIB703	trailing	1-20	2	1	
CLIPSAL CBus 2 L5508D1A	10871212	leading	8 x 10 channel	3	2	Min. load flicker, can set the dimmer by software to solve this problem
CLIPSAL CBus 2 L5504D1A		universal	4 x 10 channel	3	2	Min. load flicker
D & C XHB 15w-150w		leading	1-10	3	1	Dimming Depth 50 ~ 100 %
Legrand HPM 400L 10-400W	cat400L	leading	1-26	3	1	
Legrand 25-500	ADW-LS5	leading	1-32	3	1	
CHNT 500W	NEW6-L30510	leading	1-32	3	1	
Clipsal 40-600	E3031HD	leading	1-40	3	1	
Simon 45E101 500W	45E101	trailing	1-32	3	1	
Tridonic DALI PCD 300One4all	86458303	universal	1-20	2	1	

[®] Dimmer types: leading, trailing, universal

[®] Noise evaluation: 1 (very little noise) – 4 (strong noise). Noise evaluation was only carried out for full load. Values for minimum load are less critical. For reference refer to full load.

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