



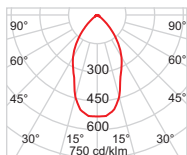
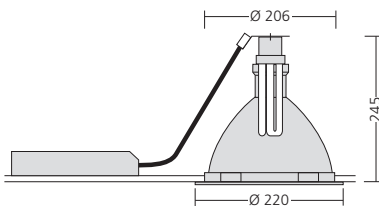
DL 220 TC-T – vertical lamp position

Round modular recessed downlight for TC-TEL lamps

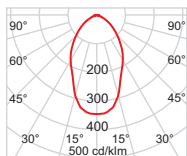
Round modular recessed downlight for vertical TC-TEL lamps. Die-cast ceiling trim, white powder-coated, adjustable without tool using, fixed via bayonet lock. Housing made of galvanised sheet steel. C/w toolless exchangeable remote gear box. Reflector made of metalised pure aluminium with sand-blasted rim and facets in the upper reflector part. A later supplies of the luminaire with decor glasses is possible without using tools. Max. weight: 1,7 kg



Version	High frequency ballast (HF)	Analogue dimmable HF ballast (1-10V)	Digital dimmable HF ballast (DALI)	Diameter	Ceiling cut-out	Recessed height	Socket type
TC-TEL 18 W	220.31.18.63	220.31.18.64	220.31.18.66	220 mm	206 mm	245 mm	G24q
TC-TEL 26 W	220.31.26.63	220.31.26.64	220.31.26.66	220 mm	206 mm	245 mm	G24q
TC-TEL 32 W	220.31.32.63	220.31.32.64	220.31.32.66	220 mm	206 mm	245 mm	GX24q
TC-TEL 42 W	220.31.42.63	220.31.42.64	220.31.42.66	220 mm	206 mm	245 mm	GX24q
TC-TEL 57 W	220.31.57.63	220.31.57.64	220.31.57.66	220 mm	206 mm	245 mm	GX24q



TC-TEL 26 W
 Half-value angle 2 x 29°
 Shielding angle 46°
 Critical radiation angle/1000 cd/m² 60°
 Light output ratio 59%



TC-TEL 42 W
 Half-value angle 2 x 32°
 Shielding angle 34°
 Critical radiation angle/1000 cd/m² 80°
 Light output ratio 53%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Plaster ring	220.2020
Ring for semi-recessed (25 mm)	220.2025
Emergency light kit 1h*	220.0901
Emergency light socket for one lamp	220.0531
Emergency light kit 3h*	220.0900
Ceiling trim chrome	220.3020
Ceiling trim fine steel optic	220.3220
Ceiling trim special colour	220.3090

* LED supplied loose and is only on request assembled to luminaire.

Decor attachment (You will find a detailed decor attachment description on pages 381 up to 387!)





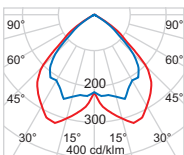
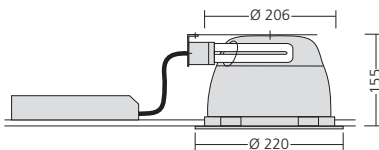
DL 220 modular

Round modular recessed downlight for TC-DEL / TC-TEL lamps

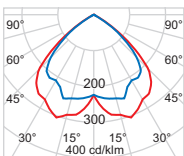
Round modular recessed downlight for TC-DEL / TC-TEL lamps. Die-cast ceiling trim, white powder-coated, adjustable without tool using, fixed via bayonet lock. Housing made of galvanised sheet steel. C/w tool-less exchangeable remote gear box. Reflector made of high-polished metalised pure aluminium. VDU application suitable acc. to European Standards EN 12464-1. A later supplies of the luminaire with decor glasses is possible without using tools. Max. weight: 1,7 kg



Version	High frequency ballast (HF)	Analogue dimmable HF ballast (1-10V)	Digital dimmable HF ballast (DALI)	Diameter	Ceiling cut-out	Recessed height	Socket type
TC-DEL / TC-TEL 18 W	220.51.18.53	220.51.18.54	220.51.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 26 W	220.51.26.53	220.51.26.54	220.51.26.56	220 mm	206 mm	155 mm	G24q
TC-TEL 32 W	220.51.32.63	220.51.32.64	220.51.32.66	220 mm	206 mm	155 mm	GX24q
TC-DEL / TC-TEL 2 x 13 W	220.52.13.53	220.52.13.54	220.52.13.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 18 W	220.52.18.53	220.52.18.54	220.52.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 26 W	220.52.26.53	220.52.26.54	220.52.26.56	220 mm	206 mm	155 mm	G24q



TC-DEL 2 x 18 W
 Half-value angle 2 x 48°
 Shielding angle 35°
 Critical radiation angle/1000 cd/m² 60°
 Light output ratio 65%



TC-DEL 2 x 26 W
 Half-value angle 2 x 50°
 Shielding angle 35°
 Critical radiation angle/1000 cd/m² 60°
 Light output ratio 68%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Plaster ring	220.2020
Ring for semi-recessed (25 mm)	220.2025
Concrete casting drum	220.2035
Light tight module	220.4001
Emergency light socket for one lamp	220.0551
Emergency light socket for two lamps	220.0552
Emergency light kit 1h*	220.0901
Emergency light kit 3h*	220.0900
Ceiling trim chrome	220.3020
Ceiling trim fine steel optic	220.3220
Ceiling trim special colour	220.3090

* LED supplied loose and is only on request assembled to luminaire.

Decor attachment (You will find a detailed decor attachment description on pages 381 up to 387!)





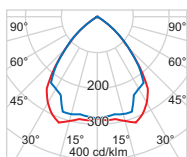
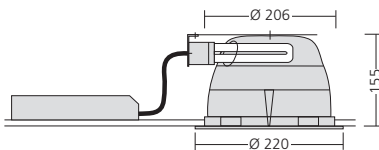
DL 220 modular – Cross louvre

Round modular recessed downlight for TC-DEL / TC-TEL lamps

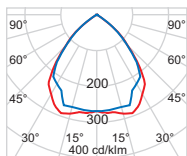
Round modular recessed downlight for TC-DEL / TC-TEL lamps. Die-cast ceiling trim, white powder-coated, adjustable without tool using, fixed via bayonet lock. Housing made of galvanised sheet steel. C/w toolless exchangeable remote gear box. Cross louvre reflector made of high-polished metalised pure aluminium. VDU application suitable acc. to European Standards EN 12464-1. A later supplies of the luminaire with decor glasses is possible without using tools. Max. weight: 1,8 kg



Version	High frequency ballast (HF)	Analogue dimmable HF ballast (1-10V)	Digital dimmable HF ballast (DALI)	Diameter	Ceiling cut-out	Recessed height	Socket type
TC-DEL / TC-TEL 18 W	220.41.18.53	220.41.18.54	220.41.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 26 W	220.41.26.53	220.41.26.54	220.41.26.56	220 mm	206 mm	155 mm	G24q
TC-TEL 32 W	220.41.32.63	220.41.32.64	220.41.32.66	220 mm	206 mm	155 mm	GX24q
TC-DEL / TC-TEL 2 x 13 W	220.42.13.53	220.42.13.54	220.42.13.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 18 W	220.42.18.53	220.42.18.54	220.42.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 26 W	220.42.26.53	220.42.26.54	220.42.26.56	220 mm	206 mm	155 mm	G24q



TC-DEL 2 x 18 W
 Half-value angle 2 x 42°
 Shielding angle 39°
 Critical radiation angle/1000 cd/m² 55°
 Light output ratio 56%



TC-DEL 2 x 26 W
 Half-value angle 2 x 44°
 Shielding angle 39°
 Critical radiation angle/1000 cd/m² 60°
 Light output ratio 54%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Plaster ring	220.2020
Ring for semi-recessed (25 mm)	220.2025
Concrete casting drum	220.2035
Light tight module	220.4001
Emergency light socket for one lamp	220.0541
Emergency light socket for two lamps	220.0542
Emergency light kit 1h*	220.0901
Emergency light kit 3h*	220.0900
Ceiling trim chrome	220.3020
Ceiling trim fine steel optic	220.3220
Ceiling trim special colour	220.3090

* LED supplied loose and is only on request assembled to luminaire.

Decor attachment (You will find a detailed decor attachment description on pages 381 up to 387!)



220.901 / 220.912



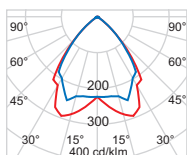
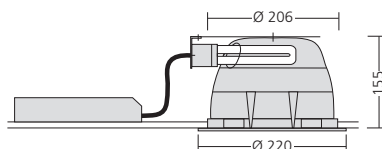
DL 220 modular – Radial louvre

Round modular recessed downlight for TC-DEL / TC-TEL lamps

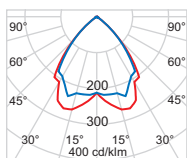
Round modular recessed downlight for TC-DEL / TC-TEL lamps. Die-cast ceiling trim, white powder-coated, adjustable without tool using, fixed via bayonet lock. Housing made of galvanised sheet steel. C/w toolless exchangeable remote gear box. Radial louvre reflector made of high-polished metalised pure aluminium. VDU application suitable acc. to European Standards EN 12464-1. A later supplies of the luminaire with decor glasses is possible without using tools. Max. weight: 1,8 kg



Version	High frequency ballast (HF)	Analogue dimmable HF ballast (1-10V)	Digital dimmable HF ballast (DALI)	Diameter	Ceiling cut-out	Recessed height	Socket type
TC-DEL / TC-TEL 18 W	220.81.18.53	220.81.18.54	220.81.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 26 W	220.81.26.53	220.81.26.54	220.81.26.56	220 mm	206 mm	155 mm	G24q
TC-TEL 32 W	220.81.32.63	220.81.32.64	220.81.32.66	220 mm	206 mm	155 mm	GX24q
TC-DEL / TC-TEL 2 x 13 W	220.82.13.53	220.82.13.54	220.82.13.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 18 W	220.82.18.53	220.82.18.54	220.82.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 26 W	220.82.26.53	220.82.26.54	220.82.26.56	220 mm	206 mm	155 mm	G24q



TC-DEL 2 x 18 W
 Half-value angle 2 x 40°
 Shielding angle 43°
 Critical radiation angle/1000 cd/m² 55°
 Light output ratio 46%



TC-DEL 2 x 26 W
 Half-value angle 2 x 42°
 Shielding angle 43°
 Critical radiation angle/1000 cd/m² 55°
 Light output ratio 45%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Plaster ring	220.2020
Ring for semi-recessed (25 mm)	220.2025
Concrete casting drum	220.2035
Light tight module	220.4001
Emergency light socket for one lamp	220.0541
Emergency light socket for two lamps	220.0542
Emergency light kit 1h*	220.0901
Emergency light kit 3h*	220.0900
Ceiling trim chrome	220.3020
Ceiling trim fine steel optic	220.3220
Ceiling trim special colour	220.3090

* LED supplied loose and is only on request assembled to luminaire.

Decor attachment (You will find a detailed decor attachment description on pages 381 up to 387!)



220.901 / 220.912



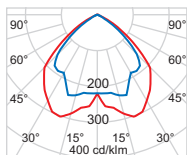
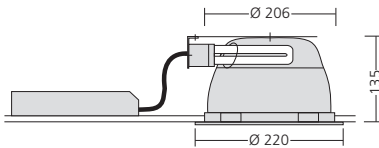
DL 220 modular – Recessed height 135 mm

Round modular recessed downlight for TC-DEL / TC-TEL lamps

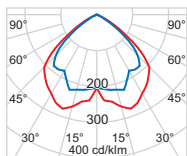
Round modular recessed downlight for TC-DEL / TC-TEL lamps with reduced recessed height. Die-cast ceiling trim, white powder-coated, adjustable without tool using, fixed via bayonet lock. Housing made of galvanised sheet steel. C/w toolless exchangeable remote gear box. Reflector made of high-polished metalised pure aluminium. A later supplies of the luminaire with decor glasses is possible without using tools. Max. weight: 1,7 kg



Version	High frequency ballast (HF)	Analogue dimmable HF ballast (1-10V)	Digital dimmable HF ballast (DALI)	Diameter	Ceiling cut-out	Recessed height	Socket type
TC-DEL / TC-TEL 18 W	220.21.18.53	220.21.18.54	220.21.18.56	220 mm	206 mm	135 mm	G24q
TC-DEL / TC-TEL 26 W	220.21.26.53	220.21.26.54	220.21.26.56	220 mm	206 mm	135 mm	G24q
TC-TEL 32 W	220.21.32.63	220.21.32.64	220.21.32.66	220 mm	206 mm	135 mm	GX24q
TC-DEL / TC-TEL 2 x 13 W	220.22.13.53	220.22.13.54	220.22.13.56	220 mm	206 mm	135 mm	G24q
TC-DEL / TC-TEL 2 x 18 W	220.22.18.53	220.22.18.54	220.22.18.56	220 mm	206 mm	135 mm	G24q
TC-DEL / TC-TEL 2 x 26 W	220.22.26.53	220.22.26.54	220.22.26.56	220 mm	206 mm	135 mm	G24q



TC-DEL 2 x 18 W
 Half-value angle 2 x 50°
 Shielding angle 28°
 Critical radiation angle/1000 cd/m² 65°
 Light output ratio 68%



TC-DEL 2 x 26 W
 Half-value angle 2 x 52°
 Shielding angle 28°
 Critical radiation angle/1000 cd/m² 65°
 Light output ratio 67%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Plaster ring	220.2020
Ring for semi-recessed (25 mm)	220.2025
Concrete casting drum	220.2037
Light tight module	220.4001
Emergency light socket for one lamp	220.0521
Emergency light socket for two lamps	220.0522
Emergency light kit 1h*	220.0901
Emergency light kit 3h*	220.0900
Ceiling trim chrome	220.3020
Ceiling trim fine steel optic	220.3220
Ceiling trim special colour	220.3090

* LED supplied loose and is only on request assembled to luminaire.

Decor attachment (You will find a detailed decor attachment description on pages 381 up to 387!)





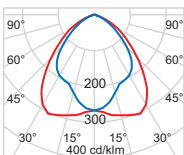
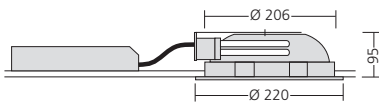
DL 220 modular – Recessed height 95 mm

Round modular recessed downlight for TC-DEL / TC-TEL lamps

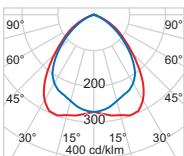
Flat modular recessed downlight for TC-DEL / TC-TEL lamps. Die-cast ceiling trim, white powder-coated, adjustable without tool using, fixed via bayonet lock. Housing made of galvanised sheet steel. C/w toolless exchangeable remote gear box. Reflector made of high-polished metalised pure aluminium. A later supplies of the luminaire with decor glasses is possible without using tools. Max. weight: 1,6 kg



Version	High frequency ballast (HF)	Analogue dimmable HF ballast (1-10V)	Digital dimmable HF ballast (DALI)	Diameter	Ceiling cut-out	Recessed height	Socket type
TC-DEL / TC-TEL 13 W	220.71.13.53	220.71.13.54	220.71.13.56	220 mm	206 mm	95 mm	G24q
TC-DEL / TC-TEL 18 W	220.71.18.53	220.71.18.54	220.71.18.56	220 mm	206 mm	95 mm	G24q
TC-DEL / TC-TEL 2 x 13 W	220.72.13.53	220.72.13.54	220.72.13.56	220 mm	206 mm	95 mm	G24q
TC-DEL / TC-TEL 2 x 18 W	220.72.18.53	220.72.18.54	220.72.18.56	220 mm	206 mm	95 mm	G24q



TC-DEL 2 x 13 W
 Half-value angle 2 x 45°
 Shielding angle 18°
 Critical radiation angle/1000 cd/m² 75°
 Light output ratio 68%



TC-DEL 2 x 18 W
 Half-value angle 2 x 45°
 Shielding angle 18°
 Critical radiation angle/1000 cd/m² 70°
 Light output ratio 67%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Plaster ring	220.2020
Concrete casting drum	220.2037
Emergency light socket for one lamp	220.0571
Emergency light socket for two lamps	220.0572
Emergency light kit 1h*	220.0901
Emergency light kit 3h*	220.0900
Ceiling trim chrome	220.3020
Ceiling trim fine steel optic	220.3220
Ceiling trim special colour	220.3090

* LED supplied loose and is only on request assembled to luminaire.

Decor attachment (You will find a detailed decor attachment description on pages 381 up to 387!)





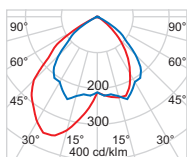
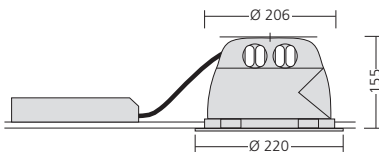
DL 220 modular – asymmetrical

Round modular recessed downlight for TC-DEL / TC-TEL lamps

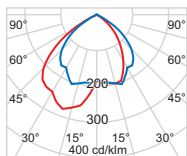
Round modular recessed downlight for TC-DEL / TC-TEL lamps for asymmetrical light distribution. Die-cast ceiling trim, white powder-coated, adjustable without tool using, fixed via bayonet lock. Housing made of galvanised sheet steel. C/w toolless exchangeable remote gear box. Asymmetrical reflector made of high-polished metalised pure aluminium. A later supplies of the luminaire with decor glasses is possible without using tools. Max. weight: 1,8 kg



Version	High frequency ballast (HF)	Analogue dimmable HF ballast (1-10V)	Digital dimmable HF ballast (DALI)	Diameter	Ceiling cut-out	Recessed height	Socket type
TC-DEL / TC-TEL 18 W	220.11.18.53	220.11.18.54	220.11.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 26 W	220.11.26.53	220.11.26.54	220.11.26.56	220 mm	206 mm	155 mm	G24q
TC-TEL 32 W	220.11.32.63	220.11.32.64	220.11.32.66	220 mm	206 mm	155 mm	GX24q
TC-DEL / TC-TEL 2 x 13 W	220.12.13.53	220.12.13.54	220.12.13.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 18 W	220.12.18.53	220.12.18.54	220.12.18.56	220 mm	206 mm	155 mm	G24q
TC-DEL / TC-TEL 2 x 26 W	220.12.26.53	220.12.26.54	220.12.26.56	220 mm	206 mm	155 mm	G24q



TC-DEL 2 x 18 W
 Half-value angle 50 / 30°
 Shielding angle 34°
 Critical radiation angle/1000 cd/m² 65°
 Light output ratio 64%



TC-DEL 2 x 26 W
 Half-value angle 53 / 30°
 Shielding angle 34°
 Critical radiation angle/1000 cd/m² 65°
 Light output ratio 55%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Plaster ring	220.2020
Ring for semi-recessed (25 mm)	220.2025
Concrete casting drum	220.2035
Light tight module	220.4001
Emergency light socket for one lamp	220.0551
Emergency light socket for two lamps	220.0552
Emergency light kit 1h*	220.0901
Emergency light kit 3h*	220.0900
Ceiling trim chrome	220.3020
Ceiling trim fine steel optic	220.3220
Ceiling trim special colour	220.3090

* LED supplied loose and is only on request assembled to luminaire.

Decor attachment (You will find a detailed decor attachment description on pages 381 up to 387!)



220.901 / 220.912

Round recessed downlights