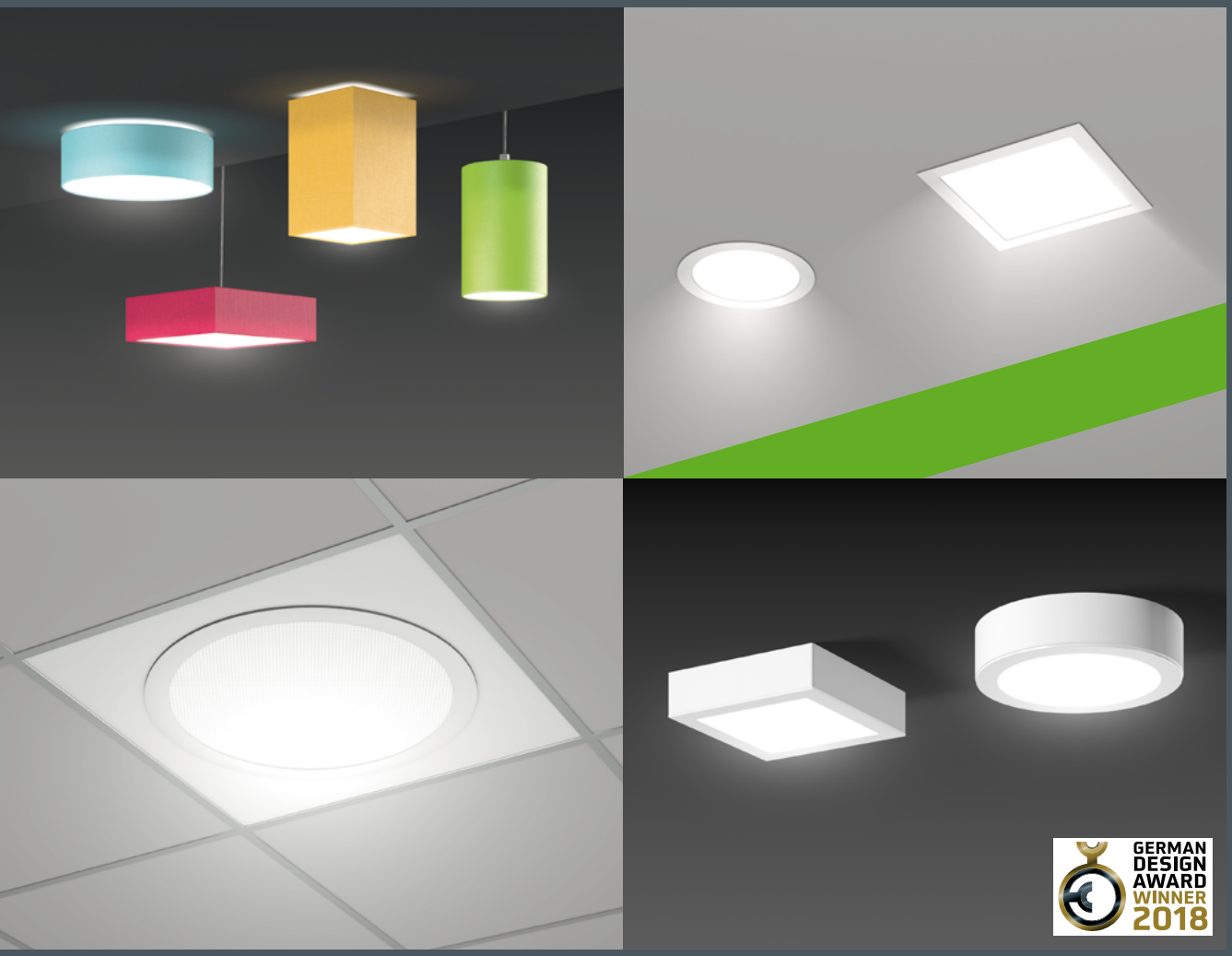


TOLEDO FLAT(LINER)

RECESSED AND SURFACE MOUNTED DOWNLIGHTS,
CEILING AND PENDANT LUMINAIRES FOR INDOOR USE

TOLEDO FLAT

Recessed and surface mounted downlights,
ceiling and pendant luminaires

OUTSTANDINGLY FLAFFORDABLE

No, it's not a typo. To give the TOLEDO FLAT family the respect it deserves, we simply had to come up with some new terminology. The amazingly low recessed depth or mounting height and terrific value for money are what make the TOLEDO FLAT stand out - although not literally of course. Makes sense, doesn't it?

A strikingly flat design and an extremely low price aren't all that the TOLEDO FLAT has to offer. The LED downlight is available as recessed, surface, pendant and lay-in version and opens up with its two designs (round & square), a total of nine sizes and optional Chintz lamp shades (family expansion "TOLEDO FLATLINER") a remarkable number of applications. The light guide and diffuser are made of non-yellowing and therefore permanently brilliant and translucent PMMA plastic and are available in opal and prismatic.

Surface mounted housing and recessed frames for module louvres 625 and 600 are available as optional accessories. The overall combination of advanced technical features, a wide choice of versions and, not least, its pleasing and versatile simplicity is what makes the TOLEDO FLAT a real favourite in the downlight sector. This is a genuine all-rounder for the commercial and private sector and remains unparalleled in terms of cost efficiency and application.

TOLEDO FLAT as an emergency luminaire

Almost all designs and sizes are also available as emergency luminaires with self-contained battery or central battery system. This family addition simplifies once again the planning and allows design continuity.

ADVANTAGES

- Ultra thin LED downlight (Recessed- and surface mounting)
- Recessed version, room side IP 54
- Lightguide and plastic diffuser made of non-yellowing PMMA
- Versions with Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download
- Versions with connected HF motion detector can be configured with app via Bluetooth® or buttons
- Recessed version - can be directly covered with thermal insulation material (does not apply to D 495 mm diameter)
- Separate converter box with connecting cable
- DALI converter is compatible with DC, suitable for central battery system
- Retrofittable decorative cylinders made of chintz fabric as accessory, optional with satin finish plastic diffuser

GERMAN DESIGN AWARD WINNER 2018

© Linus Lintner

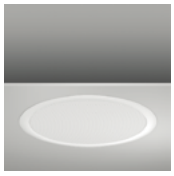
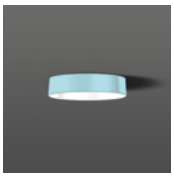
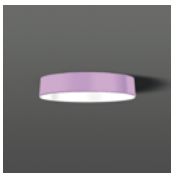
TOLEDO FLAT(LINER)

System overview

Toledo Flat square				
Diffuser made of non-yellowing plastic	opal	opal	opal	opal
Recessed downlights **Emergency lighting page 28-33** Abmessungen	 L 110, B 110 Page 17	 L 172, B 172 Page 17	 L 225, B 225 Page 17-18	 L 300, B 300 Page 17
Lay-in luminaires Modul 600 und 625 Dimensions				
Accessories - lamp shades for recessed downlights Dimensions	 L 115, B 115 Page 19	 L 177, B 177 Page 19	 L 230, B 230 Page 19	 L 305, B 305 Page 19
Surface mounted downlights **Emergency lighting page 34-37** Dimensions	 L 110, B 110 Page 22	 L 172, B 172 Page 22	 L 225, B 225 Page 22	 L 300, B 300 Page 22

Toledo Flat				
Ceiling luminaires (Complete luminaire) Dimensions				
Pendant luminaires (Complete luminaire) Dimensions	 D 150 Page 25	 D 192 Page 25	 D 257 Page 25	 D 319 Page 25

Toledo Flat round

opal	opal	opal	opal	opal	microprismatic
					
D 148 Page 14	D 190 Page 14	D 255 Page 14-15	D 317 Page 14	D 495 Page 14	D 495 Page 14
				L 595, B 595 L 622, B 622 Page 24	L 595, B 595 L 622, B 622 Page 24
					
D 153 Page 16	D 195 Page 16	D 260 Page 16	D 322 Page 16	D 500 Page 16	D 500 Page 16
D 150 Page 20	D 192 Page 20	D 257 Page 20	D 319 Page 20	D 500 Page 20	D 500 Page 20

Toledo Flatliner

D 200, H 120/300 Page 42	D 242, H 120/300 Page 42	D 307, H 120/300 Page 42	D 369, H 120/300 Page 42	Overview
L 200, B 200 Page 46	L 242, B 242 Page 46	L 307, B 307 Page 46	L 369, B 369 Page 46	Overview

TOLEDO FLAT(LINER)

HCL (Human Centric Lighting)

Tunable White: HCL | Casambi smart+ free | DALI | light control +3

FEEL BETTER, BE MORE EFFICIENT

During evolution humans have developed a complex system of internal timers, the so-called circadian system by the perception of light and dark, cold and warm, as well as by the change of seasons, with daylight being the natural timer for this rhythm.

Only a few years ago scientists discovered in the eye's retina those cells which are not required for seeing, but are setting our internal timer by suppressing or distributing the hormone melatonin. Now chronobiologists, lighting designers and architects have the chance to decisively improve our living conditions by using dynamic light.

Biologically effective light in "tunable white" versions aims to support the hormone control process by simulating the light colour and intensity of the natural course of daylight.

Changing light moods in the dynamic rhythm of daylight can have an extremely positive influence on wellbeing.

Light management systems such as RZB light control +3 with the appropriate sensor technology can automatically regulate these processes. Versions with the RZB Casambi smart+free component allow personal access to light scenarios controlled by an app.

HEALTH

HCL strengthening the biological rhythm of human beings and fostering well-being and good health.

VITALITY

HCL creating a stimulating light to increase vitality and quality of life.

ACTIVITY

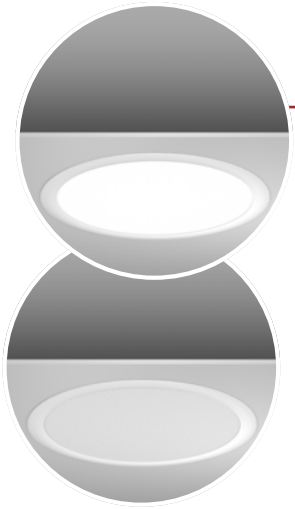
HCL increasing in educational institutions and workplaces the performance and ability of focusing.

WELL-BEING

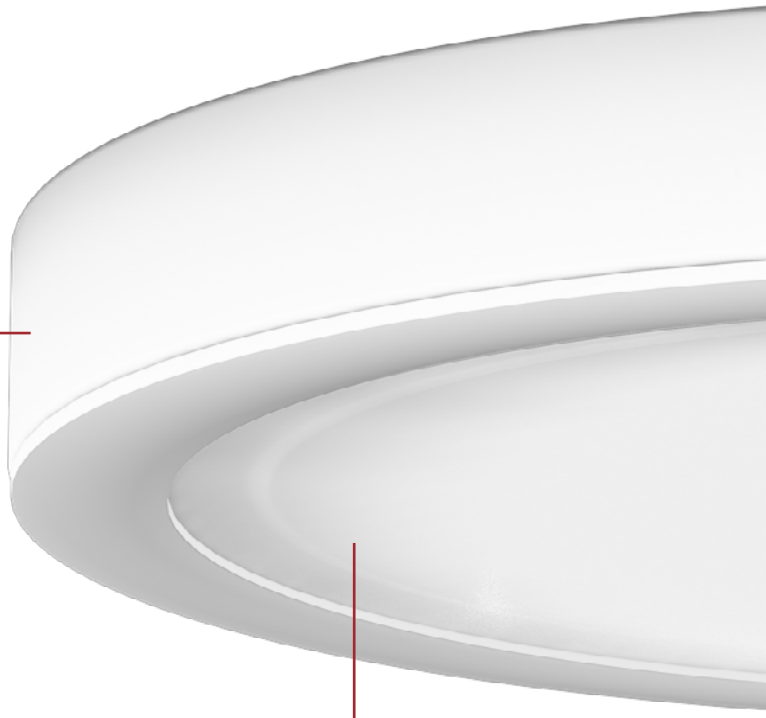
HCL avoiding sleep disorder, stabilising patients in hospitals and nursing homes.

TOLEDO FLAT(LINER)

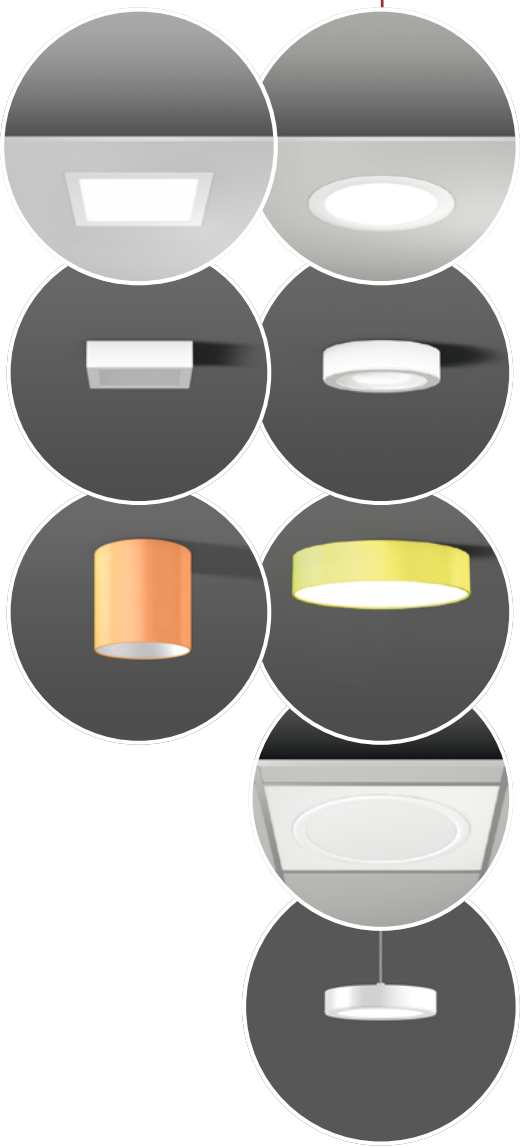
Everything at a glance

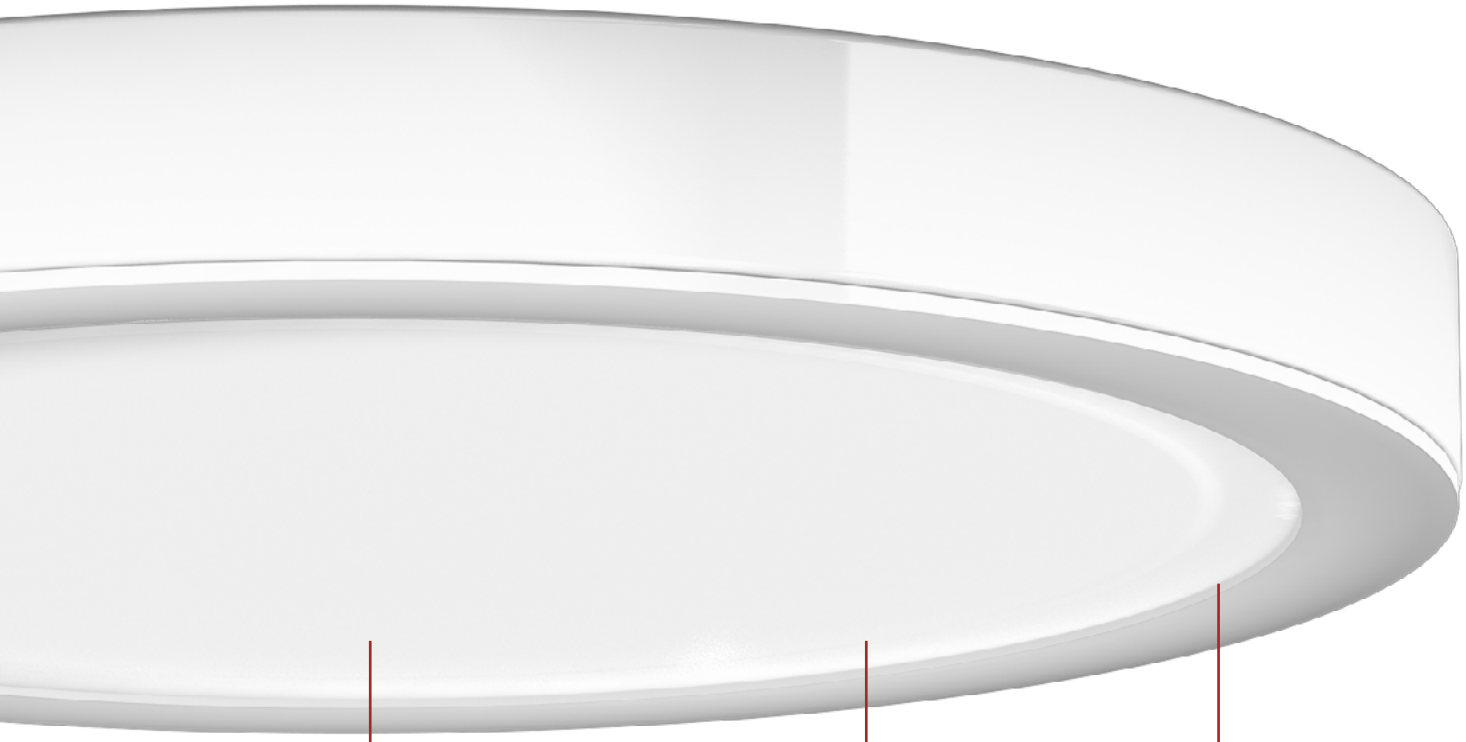


2 Diffuser
Plastic (PMMA), opal
Transparent plastic (PMMA), microprismatic

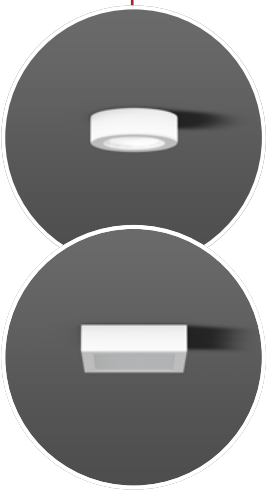


5 Mounting types
Recessed downlights
Surface mounted downlights
Ceiling luminaires
Lay in luminaires
Pendant luminaires

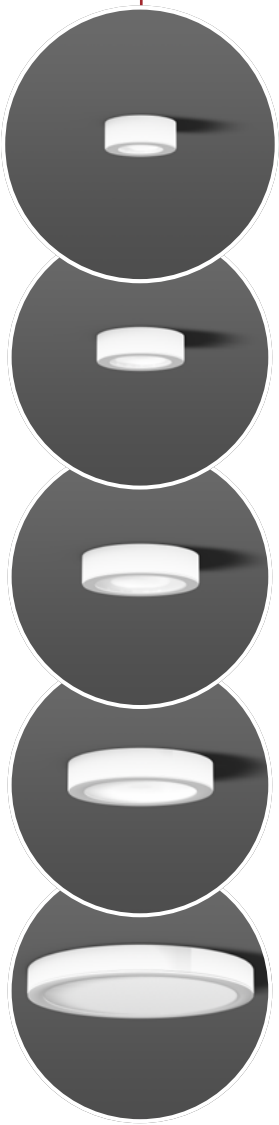




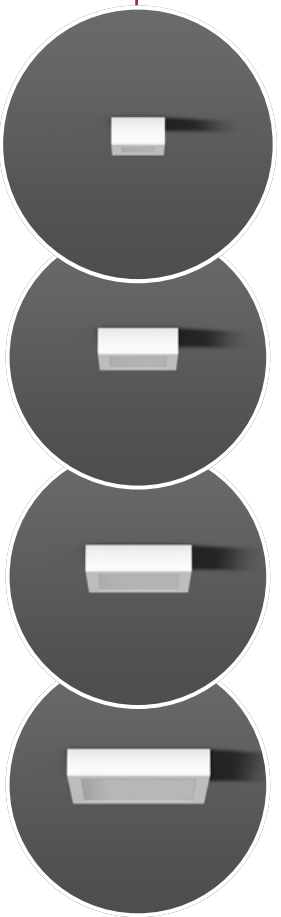
2 Types
round
square



5 Sizes
round (D) in mm
148, 190, 255,
317, 495



4 Sizes
square (LxB) in mm
110, 172, 225, 300



TOLEDO FLAT

Technology

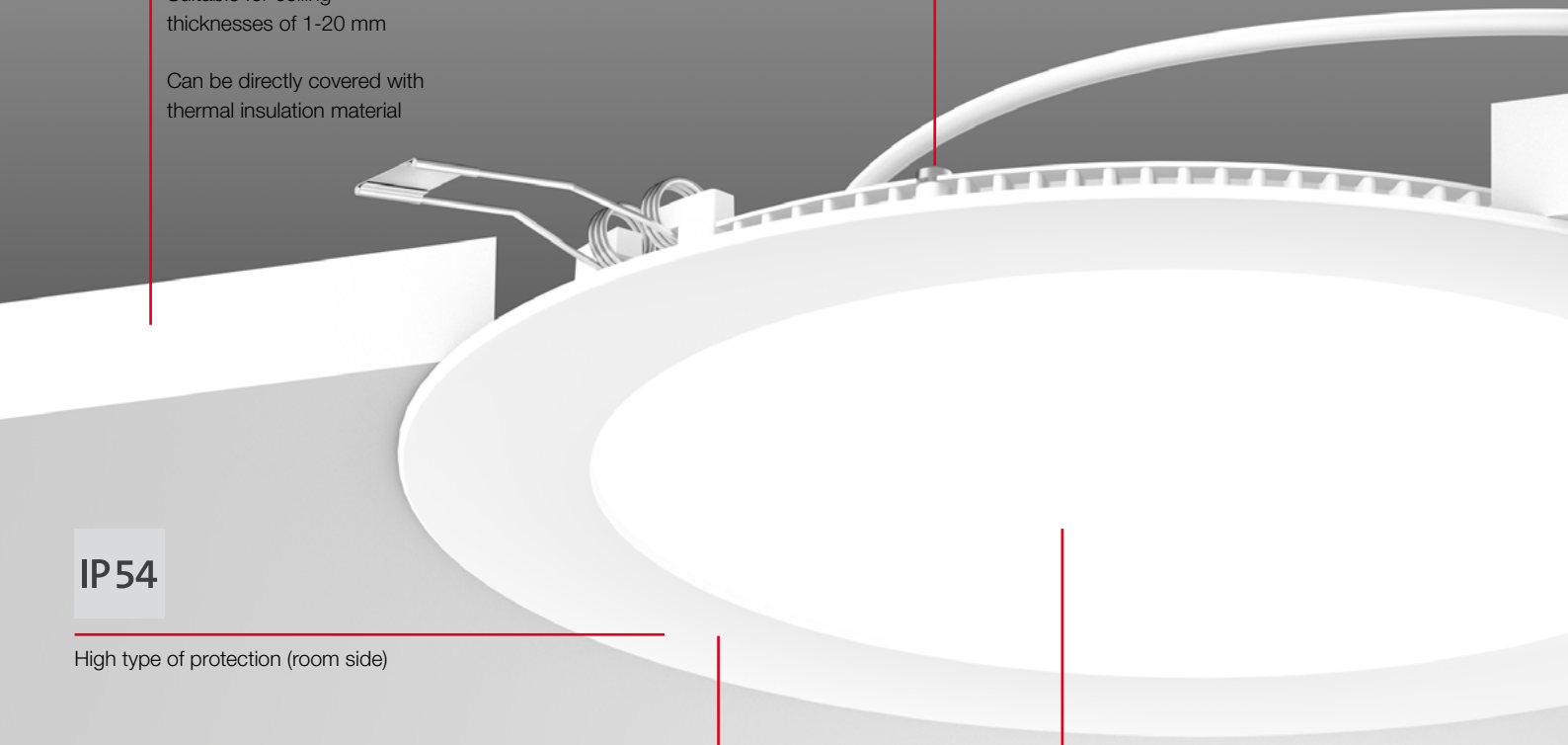
HF motion detector with **Bluetooth® interfaces** and DALI broadcast interfaces for switching, dimming and networking from individual luminaires up to complex light installations

Mesh sensors create a wireless connection between each other. This allows for flexible configuration via smartphone or tablet.

Alternatively: Low-cost HF motion detector EASY for direct setting of the sensor via buttons, also with master-slave wiring option

Suitable for ceiling thicknesses of 1-20 mm

Can be directly covered with thermal insulation material

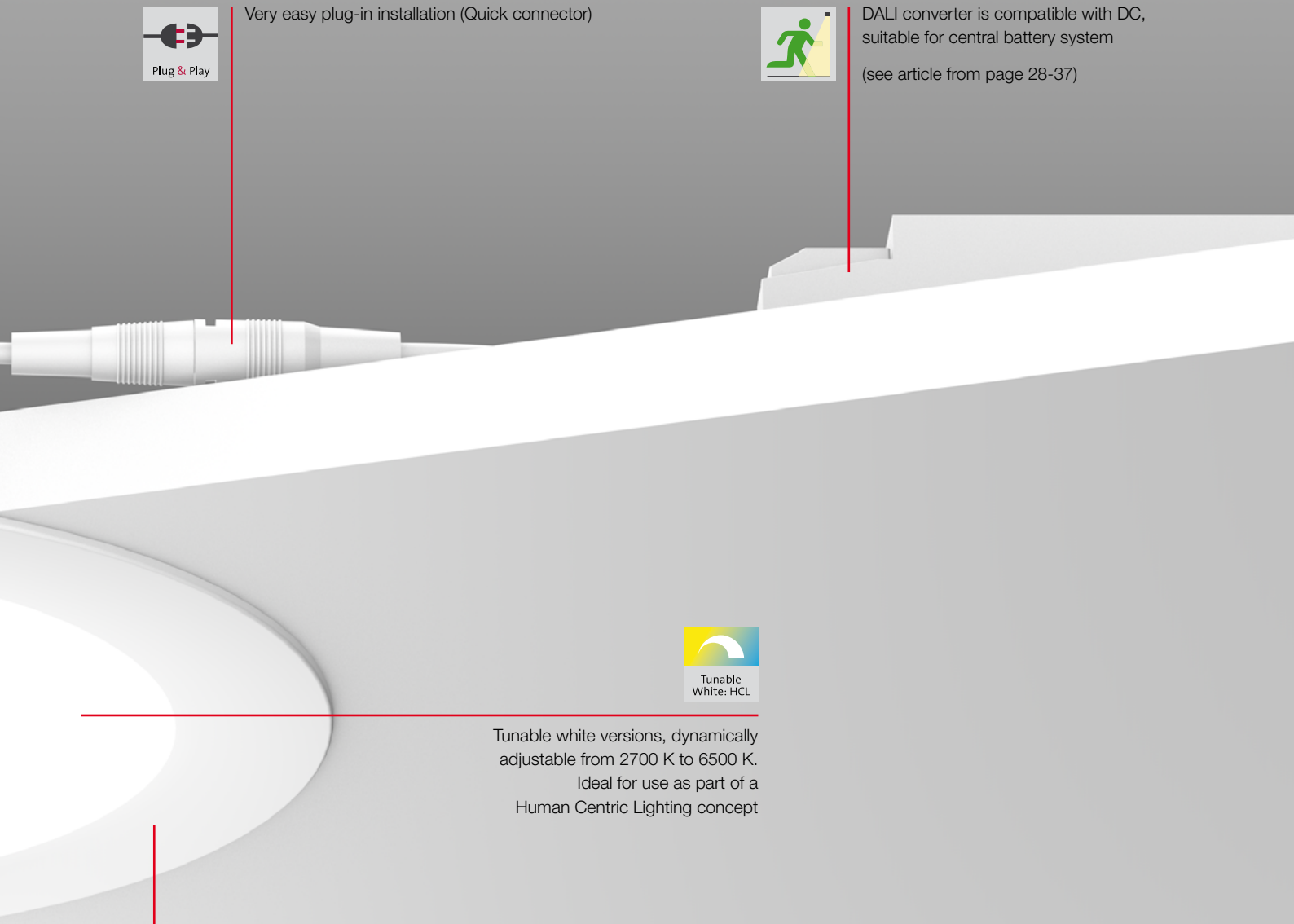


IP54

High type of protection (room side)

Ultra thin recessed downlight

Lightguide and plastic **diffuser** made of **non-yellowing PMMA**



Very easy plug-in installation (Quick connector)

DALI converter is compatible with DC, suitable for central battery system

(see article from page 28-37)

Tunable White: HCL

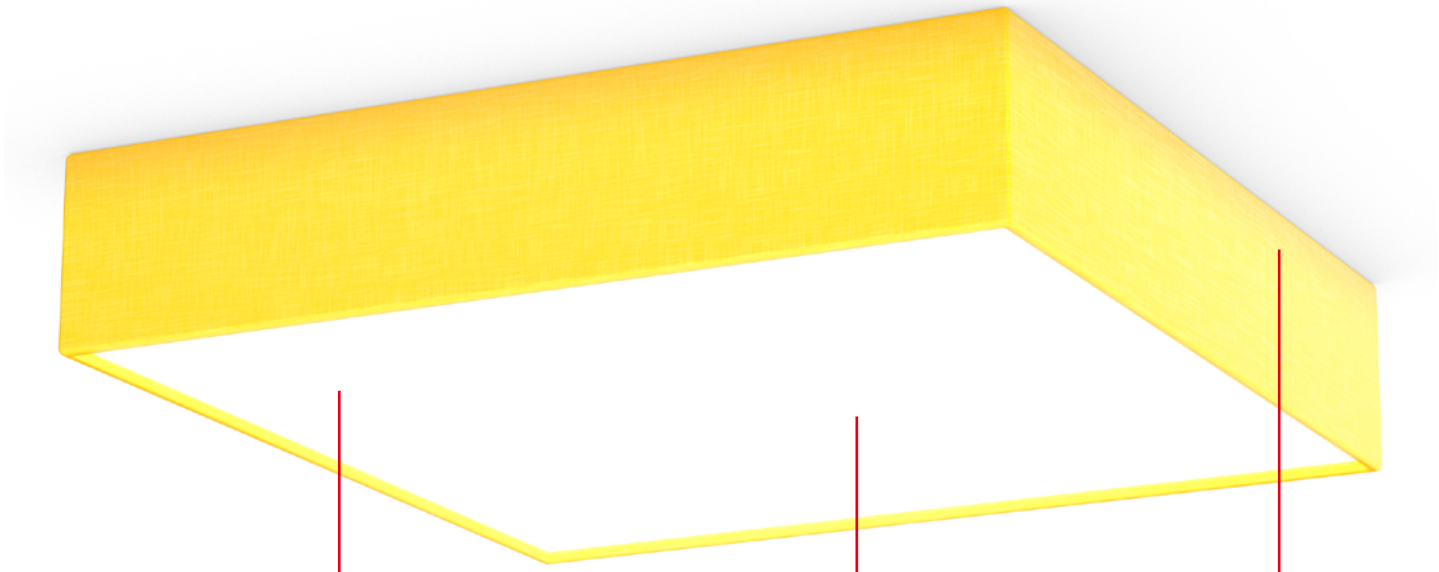
Tunable white versions, dynamically adjustable from 2700 K to 6500 K. Ideal for use as part of a Human Centric Lighting concept

Casambi smart+free

Versions with Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download

TOLEDO FLAT(LINER)

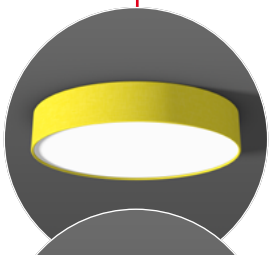
Accessories



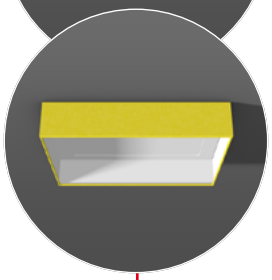
Decorative cylinders
made of chintz fabric in differnt colours

Diffusers
Satin finish diffusers made of plastic

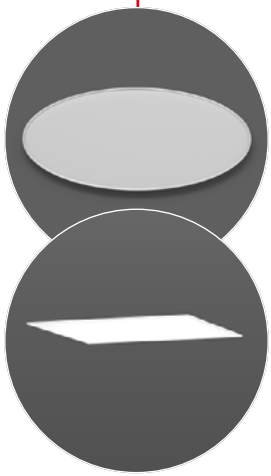
Mounting ring
for fabric lamp shades (for surface and pendant)

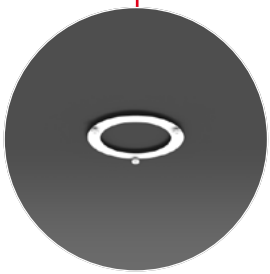


With diffuser



Without diffuser





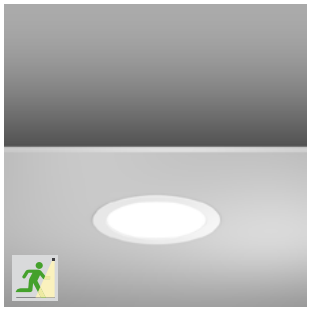
Colour chart Chintz lampshades
available in more than 70 different colours

PHOTOMETRICS

- Luminous efficiency up to 120 lm/W
- LED luminous flux up 470 to 3.600 lm
- Colour temperature 3,000 K and 4,000 K
- Colour rendering index Ra > 80
- Particularly homogeneous, soft and glare-free light thanks to the Sidelite technology
- LED rated life 50,000 h (L70/B30
- Colour consistency within 4-steps MacAdam (4 SDCM)
- Tunable white versions dynamically adjustable from 2700 K to 6500 K

TOLEDO FLAT

Product overview | Recessed downlights



Comparison
LED vs. conventional lamps

LED 5 W ≈
1 x 10 W TC-D (16 W Psys)

LED 7,7 W ≈
1 x 18 W TC-D (26 W Psys)

LED 17 / 18 W ≈
1 x 32 W TC-D (36 W Psys)

LED 22 / 23 W ≈
2 x 26 W TC-D (68 W Psys)

LED 30 W ≈
3 x 26 W TC-D (102 W Psys)
4 x 14 W T16 (68 W Psys)
4 x 18 W T26 (104 W Psys)

✓

This luminaire is also available as self-contained and/or emergency luminaire for central battery systems according to EN 60598 2-22 – further information page 28-37.

Recessed downlights | Toledo Flat Round

Type of Protection: IP 20, **IP 54** on room side
Protection Class: II
Ceiling thickness: 1-20 mm
Impact Protection: IK03 (Tunable White), IK06

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA).
Ceiling installation with spring system. Mounting depth depends on ceiling strength.
Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Versions with Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	α [°]	dimm-able	
Recessed downlights								**Price Category 21**
Diffuser: plastic, opal								
Ceiling cut out DA 128 mm								
901451.002 .Q	D 148, H 2, HE 27-53	LED	830	470	5	110	on/off	✓
901451.002.76	D 148, H 2, HE 31-53	LED	830	470	5	110	DALI	
901451.002.1 .Q	D 148, H 2, HE 27-53	LED	840	530	5	110	on/off	✓
901451.002.1.76	D 148, H 2, HE 31-53	LED	840	530	5	110	DALI	
Ceiling cut out DA 170 mm								
901452.002 .Q	D 190, H 2, HE 27-53	LED	830	780	7,7	110	on/off	✓
901452.002.76	D 190, H 2, HE 31-53	LED	830	780	7,7	110	DALI	
901452.002.1 .Q	D 190, H 2, HE 27-53	LED	840	840	7,7	110	on/off	✓
901452.002.1.76	D 190, H 2, HE 31-53	LED	840	840	7,7	110	DALI	
Ceiling cut out DA 234 mm								
901453.002 .Q	D 255, H 3, HE 30-56	LED	830	1650	17	110	on/off	✓
901453.002.76 .Q	D 255, H 3, HE 31-56	LED	830	1650	17	110	DALI	
901453.002.1 .Q	D 255, H 3, HE 30-56	LED	840	1800	17	110	on/off	✓
901453.002.1.76	D 255, H 3, HE 31-56	LED	840	1800	17	110	DALI	
Tunable White - 2700 K to 6500 K								
901666.002.76	D 255, H 3, HE 30-56	LED	827-865	1500	18	110	DALI	
901666.002.730	D 255, H 3, HE 55-75	LED	827-865	1550	18	110	smart+free	
Ceiling cut out DA 288 mm								
901484.002 .Q	D 317, H 3, HE 31-54	LED	830	2150	22	108	on/off	✓
901484.002.76	D 317, H 3, HE 31-54	LED	830	2150	22	108	DALI	
901484.002.1 .Q	D 317, H 3, HE 31-54	LED	840	2250	22	108	on/off	✓
901484.002.1.76	D 317, H 3, HE 31-54	LED	840	2250	22	108	DALI	
Tunable White - 2700 K to 6500 K								
901667.002.76	D 317, H 3, HE 31-54	LED	827-865	2100	23	108	DALI	
901667.002.730	D 317, H 3, HE 55-75	LED	827-865	2150	23	108	smart+free	
Ceiling cut out DA 470 mm								
901585.002	D 495, H 6, HE 40-59	LED	830	3550	30	113	on/off	
901585.002.76	D 495, H 6, HE 40-59	LED	830	3550	30	113	DALI	
901585.002.1	D 495, H 6, HE 40-59	LED	840	3600	30	113	on/off	
901585.002.1.76	D 495, H 6, HE 40-59	LED	840	3600	30	113	DALI	
Tunable White - 2700 K to 6500 K								
901668.002.76	D 495, H 6, HE 35-55	LED	827-865	2850	30	113	DALI	
901668.002.730	D 495, H 6, HE 55-75	LED	827-865	2850	30	113	smart+free	
Diffuser: transparent plastic, microprismatic								
Ceiling cut out DA 470 mm								
901586.002	D 495, H 6, HE 40-59	LED	830	3450	30	88	on/off	
901586.002.76	D 495, H 6, HE 40-59	LED	830	3450	30	88	DALI	
901586.002.1	D 495, H 6, HE 40-59	LED	840	3550	30	88	on/off	
901586.002.1.76	D 495, H 6, HE 40-59	LED	840	3550	30	88	DALI	
Tunable White - 2700 K to 6500 K								
901669.002.76	D 495, H 6, HE 35-55	LED	827-865	2550	30	88	DALI	
901669.002.730	D 495, H 6, HE 55-75	LED	827-865	2750	30	88	smart+free	

Recessed frame			Price Category 21
Module 600			
982182.002	L 595, B 595, H 36	for Toledo Flat Round D 495	
Module 625			
982183.002	L 622, B 622, H 36	for Toledo Flat Round D 495	

Accessories | Surface mounting accessories
Ceiling frame and mounting plate galvanised metal. Cylinder housing sheet steel, powder coated. Downlight can be locked without tools.
Not suitable for the Tunable White version and version with HF motion detector.

Surface mounted housing			Price Category 21
982072.002*	D 150, H 55	for Toledo Flat Round D 148	
982073.002	D 192, H 55	for Toledo Flat Round D 190	
982074.002	D 257, H 60	for Toledo Flat Round D 255	
982119.002	D 319, H 60	for Toledo Flat Round D 317	
982181.002	D 500, H 57	for Toledo Flat Round D 495	

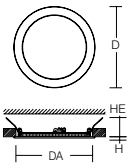
* Not suitable for DALI version

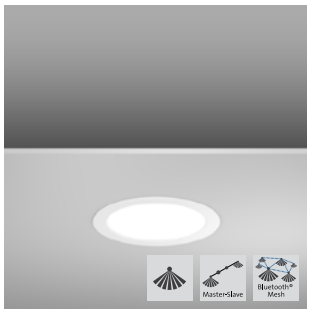
Specifications subject to alteration | The values indicated for power and luminous flux are rated values

TOLEDO FLAT

Product overview | Recessed downlights

Recessed downlights | Toledo Flat Round with movement sensor





Type of Protection: IP 20, **IP 54** on room side
Protection Class: I
Ceiling thickness: 1-20 mm
Impact Protection: IK04

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA).
Ceiling installation with spring system. Mounting depth depends on ceiling strength.
Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Function parameters: HF motion detector EASY

- HF detector 5.8 GHz
- Holding time 10 sec. - 20 min.; adjustable in 7 steps
- Detection angle 120°
- Range up to 8 m; adjustable in 5 steps
- Factory setting: holding time 15 minutes, range approx. 6 m
- Adjustable in control gear box
- Master-slave: up to three additional Toledo Flat on/off 17 W can be connected

Function parameters: HF motion detector Bluetooth® DALI

- HF detector 5.8 GHz
- Holding time 5 sec. - 60 min.; adjustable in 13 steps
- Detection angle 120°
- Range up to 8 m; adjustable in 10% steps
- Factory setting: hold time 30 seconds, range approx. 6 m, dim level 30%
- Dim functions: Soft Start, Corridor, Permanent
- Additional functions: create profiles and groups, networking the sensors
- Functions adjustable via MICAS Autolight app on tablet or smartphone
- Master-master via Bluetooth® mesh and master-slave wired
- Master-slave: up to three additional Toledo Flat DALI 17 W can be connected

Download on the App Store

GET IT ON Google Play

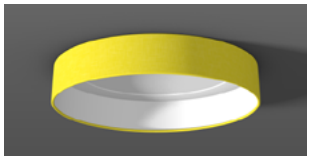
MICAS Autolight App - download now!

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	α [°]	dimm-able	
Recessed downlights with connected movement sensor								**Price Category 21**
Diffuser: plastic, opal								
Ceiling cut out DA 234 mm								
HF-movement sensor EASY adjustable with buttons								
901453.002.19	D 255, H 3, HE 55-76	LED	830	1650	17	110	on/off	
901453.002.1.19	D 255, H 3, HE 55-76	LED	840	1800	17	109	on/off	
HF-movement sensor adjustable with app via Bluetooth®-DALI								
901715.002.19	D 255, H 3, HE 55-76	LED	830	1650	17	110	on/off	
901715.002.1.19	D 255, H 3, HE 55-76	LED	840	1800	17	109	on/off	

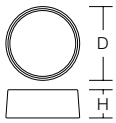
Not suitable for metal ceilings.

TOLEDO FLAT

Product overview | Acessories



Accessories | Chintz decorative element Toledo Flat Round



Standard colour covering surface: 66.8003.01 white
Further colours (see page 49) available at the same price.
Please include the colour code in your order.
Can be retrofitted without tools to the recessed downlight.

Please be aware of possible increased freight charges for deliveries outside of Germany.

Available colour: white

Chintz lampshades			Price Category 21
982319.002	D 153, H 60	Chintz decorative cylinder for Toledo Flat Round D 148	
982320.002	D 195, H 60	Chintz decorative cylinder for Toledo Flat Round D 190	
982321.002	D 260, H 60	Chintz decorative cylinder for Toledo Flat Round D 255	
982322.002	D 322, H 60	Chintz decorative cylinder for Toledo Flat Round D 317	
982323.002	D 500, H 60	Chintz decorative cylinder for Toledo Flat Round D 495	

Cannot be fitted with surface mount housing

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982324.002	D 151, H 4	Accessories for chintz decorative cylinder D 153	
982325.002	D 193, H 4	Accessories for chintz decorative cylinder D 195	
982326.002	D 258, H 4	Accessories for chintz decorative cylinder D 260	
982327.002	D 320, H 4	Accessories for chintz decorative cylinder D 322	
982328.002	D 498, H 4	Accessories for chintz decorative cylinder D 500	

Diffusers with Chintz fabric in all colours on request.

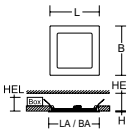
Colour chart Chintz lampshades		Price Category 21
W06630	Chintz lampshades are available in more than 70 different colours	

Colour chart with more than 70 colors page 49

TOLEDO FLAT

Product overview | Recessed downlights

Recessed downlights | Toledo Flat Square



Type of Protection: IP 20, **IP 54** on room side
Protection Class: II
Ceiling thickness: 1-20 mm
Impact Protection: IK03 (Tunable White), IK06

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA). Ceiling installation with spring system. Mounting depth depends on ceiling strength. Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Versions with Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	α [°]	dimm-able	
								Price Category 21
Diffuser: plastic, opal								
Ceiling cut out LA 96 x BA 96 mm								
901485.002	L 110, B 110, H 3, HE 27-56	LED	830	420	5	107	on/off	✓
901485.002.76	L 110, B 110, H 3, HE 31-56	LED	830	420	5	107	DALI	
901485.002.1	L 110, B 110, H 3, HE 27-56	LED	840	430	5	107	on/off	✓
901485.002.1.76	L 110, B 110, H 3, HE 31-56	LED	840	430	5	107	DALI	
Ceiling cut out LA 156 x BA 156 mm								
901486.002	L 172, B 172, H 3, HE 28-56	LED	830	770	8	108	on/off	✓
901486.002.76	L 172, B 172, H 3, HE 31-56	LED	830	770	8	108	DALI	
901486.002.1	L 172, B 172, H 3, HE 28-56	LED	840	800	8	108	on/off	✓
901486.002.1.76	L 172, B 172, H 3, HE 31-56	LED	840	800	8	108	DALI	
Ceiling cut out LA 208 x BA 208 mm								
901487.002	L 225, B 225, H 3, HE 29-56	LED	830	1650	17	108	on/off	✓
901487.002.76	L 225, B 225, H 3, HE 31-56	LED	830	1650	17	108	DALI	
901487.002.1 .Q	L 225, B 225, H 3, HE 29-56	LED	840	1800	17	108	on/off	✓
901487.002.1.76	L 225, B 225, H 3, HE 31-56	LED	840	1800	17	108	DALI	
Tunable White - 2700 K to 6500 K								
901670.002.76	L 225, B 225, H 3, HE 29-56	LED	827-865	1500	18	108	DALI	
901670.002.730	L 225, B 225, H 3, HE 55-75	LED	827-865	1500	18	108	smart+free	
Ceiling cut out LA 280 x BA 280 mm								
901488.002	L 300, B 300, H 3, HE 31-56	LED	830	2150	21	108	on/off	✓
901488.002.76	L 300, B 300, H 3, HE 31-56	LED	830	2150	21	108	DALI	
901488.002.1 .Q	L 300, B 300, H 3, HE 31-56	LED	840	2250	21	108	on/off	✓
901488.002.1.76	L 300, B 300, H 3, HE 31-56	LED	840	2250	21	108	DALI	
Tunable White - 2700 K to 6500 K								
901671.002.76	L 300, B 300, H 3, HE 31-56	LED	827-865	2200	24	108	DALI	
901671.002.730	L 300, B 300, H 3, HE 55-75	LED	827-865	2200	24	108	smart+free	

Comparison LED vs. conventional lamps

LED 5 W ≈
1 x 10 W TC-D (16 W Psys)

LED 8 W ≈
1 x 18 W TC-D (26 W Psys)

LED 17 / 18 W ≈
1 x 32 W TC-TEL (36 W Psys)

LED 21 / 24 W ≈
2 x 26 W TC-D (68 W Psys)

✓

This luminaire is also available as self-contained and/or emergency luminaire for central battery systems according to EN 60598 2-22 – further information page 28-37.

Accessories | Surface mounting accessories
Surface mounted housing: sheet steel, powder coated. Downlight can be locked without tools.
Not suitable for the Tunable White version and version with HF motion detector.

Surface mounted housing			Price Category 21
982138.002*	L 110, B 110, H 55	for Toledo Flat Square 110 x 110	
982139.002	L 172, B 172, H 55	for Toledo Flat Square 172 x 172	
982140.002	L 225, B 225, H 55	for Toledo Flat Square 225 x 225	
982141.002	L 300, B 300, H 55	for Toledo Flat Square 300 x 300	

L x B 110

L x B 172

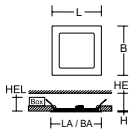
L x B 225

L x B 300

TOLEDO FLAT

Product overview | Recessed downlights

Recessed downlights | Toledo Flat Square with movement sensor



Type of Protection: IP 20, **IP 54** on room side
Protection Class: I
Ceiling thickness: 1-20 mm
Impact Protection: IK04

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA). Ceiling installation with spring system. Mounting depth depends on ceiling strength.
Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Function parameters: HF motion detector EASY

- HF detector 5.8 GHz
- Holding time 10 sec. - 20 min.; adjustable in 7 steps
- Detection angle 120°
- Range up to 8 m; adjustable in 5 steps
- Factory setting: holding time 15 minutes, range approx. 6 m
- Adjustable in control gear box
- Master-slave: up to three additional Toledo Flat on/off 17 W can be connected

Function parameters: HF motion detector Bluetooth® DALI

- HF detector 5.8 GHz
- Holding time 5 sec. - 60 min.; adjustable in 13 steps
- Detection angle 120°
- Range up to 8 m; adjustable in 10% steps
- Factory setting: hold time 30 seconds, range approx. 6 m, dim level 30%
- Dim functions: Soft Start, Corridor, Permanent
- Additional functions: create profiles and groups, networking the sensors
- Functions adjustable via MICAS Autolight app on tablet or smartphone
- Master-master via Bluetooth® mesh and master-slave wired
- Master-slave: up to three additional Toledo Flat DALI 17 W can be connected

Download on the App Store

GET IT ON Google Play

MICAS Autolight App - download now!

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	α [°]	dimmable
Recessed downlights with connected movement sensor							**Price Category 21**
Diffuser: plastic, opal							
Ceiling cut out LA 208 x BA 208 mm							
HF-movement sensor EASY adjustable with buttons							
901487.002.19	L 225, B 225, H 3, HE 55-76	LED	830	1650	17	108	on/off
901487.002.1.19	L 225, B 225, H 3, HE 55-76	LED	840	1800	17	108	on/off
HF-movement sensor adjustable with app via Bluetooth®-DALI							
901716.002.19	L 225, B 225, H 3, HE 55-76	LED	830	1650	17	108	on/off
901716.002.1.19	L 225, B 225, H 3, HE 55-76	LED	840	1800	17	108	on/off

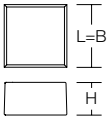
Not suitable for metal ceilings.

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

TOLEDO FLAT

Product overview | Acessories

Accessories | Chintz decorative element Toledo Flat Square



Standard colour covering surface: 66.8003.01 white
Further colours (see page 347) available at the same price.
Please include the colour code in your order.
Can be retrofitted without tools to the recessed downlight.

Please be aware of possible increased freight charges for deliveries outside of Germany.

Available colour: white

Chintz lampshades			Price Category 21
982501.002	L 115, B 115, H 60	Chintz decorative element for Toledo Flat Square 110 x 110	
982502.002	L 177, B 177, H 60	Chintz decorative element for Toledo Flat Square 172 x 172	
982503.002	L 230, B 230, H 60	Chintz decorative element for Toledo Flat Square 225 x 225	
982504.002	L 305, B 305, H 60	Chintz decorative element for Toledo Flat Square 300 x 300	

Cannot be fitted with surface mount housing

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982505.002	L 113, B 113, H 4	Accessories for chintz decor cube 115 x 115	
982506.002	L 175, B 175, H 4	Accessories for chintz decor cube 177 x 177	
982507.002	L 228, B 228, H 4	Accessories for chintz decor cube 230 x 230	
982508.002	L 303, B 303, H 4	Accessories for chintz decor cube 305 x 305	

Diffusers with Chintz fabric in all colours on request.

Colour chart Chintz lampshades		Price Category 21
W06630	Chintz lampshades are available in more than 70 different colours	

Colour chart with more than 70 colors page 49

TOLEDO FLAT

Product overview | Surface mounted downlights

Comparison
LED vs. conventional lamps

LED 5 W ≈
1 x 10 W TC-D (16 W Psys)

LED 7,7 W ≈
1 x 18 W TC-D (26 W Psys)

LED 17 W ≈
2 x 18 W TC-D (52 W Psys)

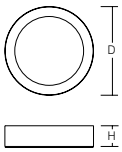
LED 22 W ≈
2 x 26 W TC-D (68 W Psys)

LED 30 W ≈
3 x 26 W TC-D (102 W Psys)

✓

This luminaire is also available as self-contained and/or emergency luminaire for central battery systems according to EN 60598 2-22 – further information page 28-37.

Surface mounted downlights | Toledo Flat Round



Type of Protection: **IP 40**
Protection Class: II
Impact Protection: IK06

Cylinder housing sheet steel, powder coated. Bezel ring: die-cast aluminium, powder coated. Lightguide and diffuser made of non-yellowing PMMA, opal matt or prismatic.

Available colour: white

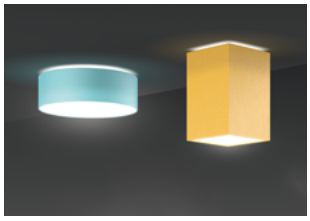
Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	α [°]	UGR	dimm-able	
Surface mounted downlights									**Price Category 21**
Diffuser: plastic, opal									
Diameter D 150 mm									
901495.002	D 150, H 57	LED	830	470	5	110	27,0	on/off	✓
901495.002.1	D 150, H 57	LED	840	530	5	110	27,4	on/off	✓
Diameter D 192 mm									
901496.002	D 192, H 58	LED	830	780	7,7	110	26,4	on/off	✓
901496.002.76	D 192, H 58	LED	830	780	7,7	110	26,4	DALI	
901496.002.1	D 192, H 58	LED	840	840	7,7	110	26,6	on/off	✓
901496.002.1.76	D 192, H 58	LED	840	840	7,7	110	26,6	DALI	
Diameter D 257 mm									
901497.002	D 257, H 63	LED	830	1650	17	110	26,6	on/off	✓
901497.002.76	D 257, H 63	LED	830	1650	17	110	26,6	DALI	
901497.002.1	D 257, H 63	LED	840	1800	17	110	26,8	on/off	✓
901497.002.1.76	D 257, H 63	LED	840	1800	17	110	26,8	DALI	
Diameter D 319 mm									
901498.002	D 319, H 63	LED	830	2150	22	108	25,5	on/off	✓
901498.002.76	D 319, H 63	LED	830	2150	22	108	25,5	DALI	
901498.002.1	D 319, H 63	LED	840	2250	22	108	25,7	on/off	✓
901498.002.1.76	D 319, H 63	LED	840	2250	22	108	25,7	DALI	
Diameter D 500 mm									
901587.002	D 500, H 63	LED	830	3550	30	113	23,9	on/off	✓
901587.002.76	D 500, H 63	LED	830	3550	30	113	23,9	DALI	
901587.002.1	D 500, H 63	LED	840	3600	30	113	23,9	on/off	✓
901587.002.1.76	D 500, H 63	LED	840	3600	30	113	23,9	DALI	
Diffuser: transparent plastic, microprismatic									
Diameter D 500 mm									
901588.002	D 500, H 63	LED	830	3450	30	88	21,1	on/off	✓
901588.002.76	D 500, H 63	LED	830	3450	30	88	21,1	DALI	
901588.002.1	D 500, H 63	LED	840	3550	30	88	21,4	on/off	✓
901588.002.1.76	D 500, H 63	LED	840	3550	30	88	21,4	DALI	

Accessories | Supporting ring for fabric lamp shades
Retrofittable holder for a tool-free mounting of a lamp shade.
Ring metal powder coated. M4 Threaded. Knurled nuts plastic.

Mounting ring for fabric lamp shades			Price Category 21
982386.002	D 162, H 10	for surface and pendant Toledo Flat Round D 150 for mounting the lamp shade Toledo Flatliner 200	
982387.002	D 204, H 10	for surface and pendant Toledo Flat Round D 192 for mounting the lamp shade Toledo Flatliner 242	
982388.002	D 270, H 10	for surface and pendant Toledo Flat Round D 257 for mounting the lamp shade Toledo Flatliner 307	
982389.002	D 331, H 10	for surface and pendant Toledo Flat Round D 319 for mounting the lamp shade Toledo Flatliner 369	

Colour chart Chintz lampshades		Price Category 21
W06630	Chintz lampshades are available in more than 70 different colours	

Colour chart with more than 70 colors page 49



Further luminaires of this series page 42

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

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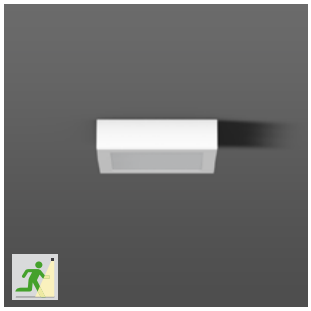
TOLEDO FLAT



Comparison
LED vs. conventional lamps

LED 5 W ≈
1 x 10 W TC-D (16 W Psys)

LED 8 W ≈
1 x 18 W TC-D (26 W Psys)

LED 17 W ≈
2 x 18 W TC-D (52 W Psys)

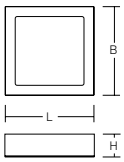
LED 21 W ≈
2 x 26 W TC-D (68 W Psys)

Surface mounted downlights | Toledo Flat Square

Type of Protection: **IP 40**
Protection Class: II
Impact Protection: IK06

Surface mounted housing: sheet steel, powder coated. Square cover plate: die-cast aluminium, powder coated. Light guide and diffuser made of non-yellowing PMMA, opal matt.

Available colour: white



Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	α [°]	UGR	dimm-able	
Surface mounted downlights									**Price Category 21**
Length L 110 mm x Width B 110 mm									
901551.002	L 110, B 110, H 58	LED	830	420	5	107	28,7	on/off	✓
901551.002.1	L 110, B 110, H 58	LED	840	430	5	107	28,8	on/off	✓
Length L 172 mm x Width B 172 mm									
901552.002	L 172, B 172, H 58	LED	830	770	8	108	25,9	on/off	✓
901552.002.76	L 172, B 172, H 58	LED	830	770	8	108	25,9	DALI	
901552.002.1	L 172, B 172, H 58	LED	840	800	8	108	26,1	on/off	✓
901552.002.1.76	L 172, B 172, H 58	LED	840	800	8	108	26,1	DALI	
Length L 225 mm x Width B 225 mm									
901553.002	L 225, B 225, H 58	LED	830	1650	17	108	26,1	on/off	✓
901553.002.76	L 225, B 225, H 58	LED	830	1650	17	108	26,1	DALI	
901553.002.1	L 225, B 225, H 58	LED	840	1800	17	108	26,4	on/off	✓
901553.002.1.76	L 225, B 225, H 58	LED	840	1800	17	108	26,4	DALI	
Length L 300 mm x Width B 300 mm									
901554.002	L 300, B 300, H 58	LED	830	2150	21	108	24,6	on/off	✓
901554.002.76	L 300, B 300, H 58	LED	830	2150	21	108	24,6	DALI	
901554.002.1	L 300, B 300, H 58	LED	840	2250	21	108	24,7	on/off	✓
901554.002.1.76	L 300, B 300, H 58	LED	840	2250	21	108	24,7	DALI	

✓

This luminaire is also available as self-contained and/or emergency luminaire for central battery systems according to EN 60598 2-22 – further information page 28-37.

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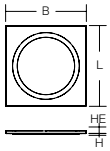
TOLEDO FLAT

Product overview | Lay-in luminaires

Comparison
LED vs. conventional lamps

LED 30 W ≈
3 x 26 W TC-D (102 W Psys)
4 x 14 W T16 (68 W Psys)
4 x 18 W T26 (104 W Psys)

Lay-in luminaires | Toledo Flat



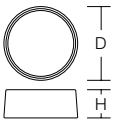
Type of Protection: **IP 40**
Protection Class: II
Impact Protection: IK06

Recessed frame: sheet steel, powder-coated. Housing: die-cast aluminium. Diffuser made of non-yellowing PMMA, choice of opal matt or prismatic. Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	α [°]	UGR	dimm-able
Lay-in luminaires for grid ceilings - Module 600								**Price Category 21**
Diffuser: plastic (PMMA), opal								
901591.002	L 595, B 595, H 6, HE 43	LED	830	3550	30	113	23,9	on/off
901591.002.76	L 595, B 595, H 6, HE 43	LED	830	3550	30	113	23,9	DALI
901591.002.1	L 595, B 595, H 6, HE 43	LED	840	3600	30	113	23,9	on/off
901591.002.1.76	L 595, B 595, H 6, HE 43	LED	840	3600	30	113	23,9	DALI
Diffuser: plastic (PMMA), transparent microprismatic								
901589.002	L 595, B 595, H 6, HE 43	LED	830	3450	30	88	21,1	on/off
901589.002.76	L 595, B 595, H 6, HE 43	LED	830	3450	30	88	21,1	DALI
901589.002.1	L 595, B 595, H 6, HE 43	LED	840	3550	30	88	21,4	on/off
901589.002.1.76	L 595, B 595, H 6, HE 43	LED	840	3550	30	88	21,4	DALI
Lay-in luminaires for grid ceilings - Module 625								**Price Category 21**
Diffuser: plastic (PMMA), opal								
901592.002	L 622, B 622, H 6, HE 43	LED	830	3550	30	113	23,9	on/off
901592.002.76	L 622, B 622, H 6, HE 43	LED	830	3550	30	113	23,9	DALI
901592.002.1	L 622, B 622, H 6, HE 43	LED	840	3600	30	113	23,9	on/off
901592.002.1.76	L 622, B 622, H 6, HE 43	LED	840	3600	30	113	23,9	DALI
Diffuser: plastic (PMMA), transparent microprismatic								
901590.002	L 622, B 622, H 6, HE 43	LED	830	3450	30	88	21,1	on/off
901590.002.76	L 622, B 622, H 6, HE 43	LED	830	3450	30	88	21,1	DALI
901590.002.1	L 622, B 622, H 6, HE 43	LED	840	3550	30	88	21,4	on/off
901590.002.1.76	L 622, B 622, H 6, HE 43	LED	840	3550	30	88	21,4	DALI

Accessories | Chintz decorative element Toledo Flat Round

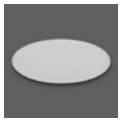


Standard colour covering surface: 66.8003.01 white
Further colours (see page 347) available at the same price.
Please include the colour code in your order.
Can be retrofitted without tools to the recessed downlight.

Please be aware of possible increased freight charges for deliveries outside of Germany.

Chintz lampshades			**Price Category 21**
982323.002	D 500, H 60	Chintz decorative cylinder for Toledo Flat Round D 495	

Cannot be fitted with surface mount housing



Satin finish plastic diffuser (optional)			**Price Category 21**
Can be installed on the decorative element without any tools			
982328.002	D 498, H 4	Accessories for chintz decorative cylinder D 500	

Diffusers with Chintz fabric in all colours on request.

Colour chart Chintz lampshades		**Price Category 21**
W06630	Chintz lampshades are available in more than 70 different colours	

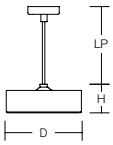
Colour chart with more than 70 colors page 49

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

TOLEDO FLAT

Product overview | Pendant luminaires

Pendant luminaires | Toledo Flat



Type of Protection: IP 20
Protection Class: I
Impact Protection: IK06
Suspension Length: 2000 mm

Cylinder housing sheet steel, powder coated. Housing: die cast aluminium and sheet steel, powder-coated. Bezel ring: die-cast aluminium, powder coated. Light guide and diffuser made of non-yellowing PMMA, opal matt. Transparent suspension cable 2 m, can be shortened. Canopy: sheet steel, powder coated.

Available colour: white

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able
Pendant luminaires						**Price Category 21**
Diffuser: plastic, opal						
Diameter D 192 mm						
901684.002	D 192, H 83	LED	830	780	7,7	on/off
901684.002.76	D 192, H 83	LED	830	780	7,7	DALI
901684.002.1	D 192, H 83	LED	840	840	7,7	on/off
901684.002.1.76	D 192, H 83	LED	840	840	7,7	DALI
Diameter D 257 mm						
901685.002	D 257, H 89	LED	830	1650	17	on/off
901685.002.76	D 257, H 89	LED	830	1650	17	DALI
901685.002.1	D 257, H 89	LED	840	1800	17	on/off
901685.002.1.76	D 257, H 89	LED	840	1800	17	DALI
Diameter D 319 mm						
901686.002	D 319, H 89	LED	830	2150	22	on/off
901686.002.76	D 319, H 89	LED	830	2150	22	DALI
901686.002.1	D 319, H 89	LED	840	2250	22	on/off
901686.002.1.76	D 319, H 89	LED	840	2250	22	DALI

Comparison
LED vs. conventional lamps

LED 7,7 W ≈
1 x 18 W TC-D (26 W Psys)

LED 17 W ≈
2 x 18 W TC-D (52 W Psys)

LED 22 W ≈
2 x 26 W TC-D (68 W Psys)

Accessories | Supporting ring for fabric lamp shades
Retrofittable holder for a tool-free mounting of a lamp shade.
Ring metal powder coated. M4 Threaded. Knurled nuts plastic.

Mounting ring for fabric lamp shades			Price Category 21
982387.002	D 204, H 10	for surface and pendant Toledo Flat Round D 192 for mounting the lamp shade Toledo Flatliner 242	
982388.002	D 270, H 10	for surface and pendant Toledo Flat Round D 257 for mounting the lamp shade Toledo Flatliner 307	
982389.002	D 331, H 10	for surface and pendant Toledo Flat Round D 319 for mounting the lamp shade Toledo Flatliner 369	

Colour chart Chintz lampshades		Price Category 21
W06630	Chintz lampshades are available in more than 70 different colours	

Colour chart with more than 70 colors page 49

Further luminaires of this series page 42

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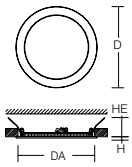
TOLEDO FLAT

Product overview | Recessed downlights

Recessed downlights | Toledo Flat Round



Type of Protection: **IP 40**
Protection Class: I
Ceiling thickness S: 1-20 mm
Impact Protection: IK03

For escape route illumination

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA).
Ceiling installation with spring system. Mounting depth depends on ceiling strength.
Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Self-contained safety luminaires

Voltage type: AC

Automatic self test in all standard versions.

Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

SCL

Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	[h]	Monitoring
Self-contained safety luminaires							**Price Category 23**
Diffuser: plastic, opal							
Ceiling cut out DA 128 mm							
672220.002	D 148, H 2, HE 150, HEL 60-80	830	390 / 310	7,5	NiMh	3	Autotest
672220.002.04	D 148, H 2, HE 150, HEL 60-80	830	390 / 310	7,5	NiMh	3	MultiDigit
672220.002.07	D 148, H 2, HE 150, HEL 60-80	830	390 / 310	7,5	NiMh	3	DALI-Sibe
672221.002	D 148, H 2, HE 150, HEL 60-80	830	390 / 140	7,5	NiMh	8	Autotest
672221.002.04	D 148, H 2, HE 150, HEL 60-80	830	390 / 140	7,5	NiMh	8	MultiDigit
672221.002.07	D 148, H 2, HE 150, HEL 60-80	830	390 / 140	7,5	NiMh	8	DALI-Sibe
672220.002.1	D 148, H 2, HE 150, HEL 60-80	840	400 / 330	7,5	NiMh	3	Autotest
672220.002.1.04	D 148, H 2, HE 150, HEL 60-80	840	400 / 330	7,5	NiMh	3	MultiDigit
672220.002.1.07	D 148, H 2, HE 150, HEL 60-80	840	400 / 330	7,5	NiMh	3	DALI-Sibe
672221.002.1	D 148, H 2, HE 150, HEL 60-80	840	400 / 150	7,5	NiMh	8	Autotest
672221.002.1.04	D 148, H 2, HE 150, HEL 60-80	840	400 / 150	7,5	NiMh	8	MultiDigit
672221.002.1.07	D 148, H 2, HE 150, HEL 60-80	840	400 / 150	7,5	NiMh	8	DALI-Sibe
Ceiling cut out DA 170 mm							
672222.002	D 190, H 2, HE 120, HEL 60-80	830	730 / 370	12	NiMh	3	Autotest
672222.002.04	D 190, H 2, HE 120, HEL 60-80	830	730 / 370	12	NiMh	3	MultiDigit
672222.002.07	D 190, H 2, HE 120, HEL 60-80	830	730 / 370	12	NiMh	3	DALI-Sibe
672223.002	D 190, H 2, HE 120, HEL 60-80	830	730 / 160	12	NiMh	8	Autotest
672223.002.04	D 190, H 2, HE 120, HEL 60-80	830	730 / 160	12	NiMh	8	MultiDigit
672223.002.07	D 190, H 2, HE 120, HEL 60-80	830	730 / 160	12	NiMh	8	DALI-Sibe
672222.002.1	D 190, H 2, HE 120, HEL 60-80	840	830 / 350	12	NiMh	3	Autotest
672222.002.1.04	D 190, H 2, HE 120, HEL 60-80	840	830 / 350	12	NiMh	3	MultiDigit
672222.002.1.07	D 190, H 2, HE 120, HEL 60-80	840	830 / 350	12	NiMh	3	DALI-Sibe
672223.002.1	D 190, H 2, HE 120, HEL 60-80	840	830 / 160	12	NiMh	8	Autotest
672223.002.1.04	D 190, H 2, HE 120, HEL 60-80	840	830 / 160	12	NiMh	8	MultiDigit
672223.002.1.07	D 190, H 2, HE 120, HEL 60-80	840	830 / 160	12	NiMh	8	DALI-Sibe
Ceiling cut out DA 234 mm							
672224.002	D 255, H 3, HE 100, HEL 60-80	830	1650 / 450	20	NiMh	3	Autotest
672224.002.04	D 255, H 3, HE 100, HEL 60-80	830	1650 / 450	20	NiMh	3	MultiDigit
672224.002.07	D 255, H 3, HE 100, HEL 60-80	830	1650 / 450	20	NiMh	3	DALI-Sibe
672225.002	D 255, H 3, HE 100, HEL 60-80	830	1650 / 180	20	NiMh	8	Autotest
672225.002.04	D 255, H 3, HE 100, HEL 60-80	830	1650 / 180	20	NiMh	8	MultiDigit
672225.002.07	D 255, H 3, HE 100, HEL 60-80	830	1650 / 180	20	NiMh	8	DALI-Sibe
672224.002.1	D 255, H 3, HE 100, HEL 60-80	840	1650 / 460	20	NiMh	3	Autotest
672224.002.1.04	D 255, H 3, HE 100, HEL 60-80	840	1650 / 460	20	NiMh	3	MultiDigit
672224.002.1.07	D 255, H 3, HE 100, HEL 60-80	840	1650 / 460	20	NiMh	3	DALI-Sibe
672225.002.1	D 255, H 3, HE 100, HEL 60-80	840	1650 / 180	20	NiMh	8	Autotest
672225.002.1.04	D 255, H 3, HE 100, HEL 60-80	840	1650 / 180	20	NiMh	8	MultiDigit
672225.002.1.07	D 255, H 3, HE 100, HEL 60-80	840	1650 / 180	20	NiMh	8	DALI-Sibe

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	[h]	Monitoring
Self-contained safety luminaires							**Price Category 23**
Diffuser: plastic, opal							
Ceiling cut out DA 288 mm							
672226.002	D 317, H 3, HE 90, HEL 60-80	830	2150 / 430	26	NiMh	3	Autotest
672226.002.04	D 317, H 3, HE 90, HEL 60-80	830	2150 / 430	26	NiMh	3	MultiDigit
672226.002.07	D 317, H 3, HE 90, HEL 60-80	830	2150 / 430	26	NiMh	3	DALI-Sibe
672227.002	D 317, H 3, HE 90, HEL 60-80	830	2150 / 180	26	NiMh	8	Autotest
672227.002.04	D 317, H 3, HE 90, HEL 60-80	830	2150 / 180	26	NiMh	8	MultiDigit
672227.002.07	D 317, H 3, HE 90, HEL 60-80	830	2150 / 180	26	NiMh	8	DALI-Sibe
672226.002.1	D 317, H 3, HE 90, HEL 60-80	840	2250 / 440	26	NiMh	3	Autotest
672226.002.1.04	D 317, H 3, HE 90, HEL 60-80	840	2250 / 440	26	NiMh	3	MultiDigit
672226.002.1.07	D 317, H 3, HE 90, HEL 60-80	840	2250 / 440	26	NiMh	3	DALI-Sibe
672227.002.1	D 317, H 3, HE 90, HEL 60-80	840	2250 / 180	26	NiMh	8	Autotest
672227.002.1.04	D 317, H 3, HE 90, HEL 60-80	840	2250 / 180	26	NiMh	8	MultiDigit
672227.002.1.07	D 317, H 3, HE 90, HEL 60-80	840	2250 / 180	26	NiMh	8	DALI-Sibe
Ceiling cut out DA 470 mm							
672384.002	D 495, H 6, HE 70, HEL 60-80	830	3500 / 430	38	NiMh	3	Autotest
672384.002.04	D 495, H 6, HE 70, HEL 60-80	830	3500 / 430	38	NiMh	3	MultiDigit
672384.002.07	D 495, H 6, HE 70, HEL 60-80	830	3500 / 430	38	NiMh	3	DALI-Sibe
672385.002	D 495, H 6, HE 70, HEL 60-80	830	3500 / 170	38	NiMh	8	Autotest
672385.002.04	D 495, H 6, HE 70, HEL 60-80	830	3500 / 170	38	NiMh	8	MultiDigit
672385.002.07	D 495, H 6, HE 70, HEL 60-80	830	3500 / 170	38	NiMh	8	DALI-Sibe
672384.002.1	D 495, H 6, HE 70, HEL 60-80	840	3600 / 440	38	NiMh	3	Autotest
672384.002.1.04	D 495, H 6, HE 70, HEL 60-80	840	3600 / 440	38	NiMh	3	MultiDigit
672384.002.1.07	D 495, H 6, HE 70, HEL 60-80	840	3600 / 440	38	NiMh	3	DALI-Sibe
672385.002.1	D 495, H 6, HE 70, HEL 60-80	840	3600 / 170	38	NiMh	8	Autotest
672385.002.1.04	D 495, H 6, HE 70, HEL 60-80	840	3600 / 170	38	NiMh	8	MultiDigit
672385.002.1.07	D 495, H 6, HE 70, HEL 60-80	840	3600 / 170	38	NiMh	8	DALI-Sibe
Diffuser: transparent plastic, microprismatic							
Ceiling cut out DA 470 mm							
672382.002	D 495, H 6, HE 70, HEL 60-80	830	3500 / 430	38	NiMh	3	Autotest
672382.002.04	D 495, H 6, HE 70, HEL 60-80	830	3500 / 430	38	NiMh	3	MultiDigit
672382.002.07	D 495, H 6, HE 70, HEL 60-80	830	3500 / 430	38	NiMh	3	DALI-Sibe
672383.002	D 495, H 6, HE 70, HEL 60-80	830	3500 / 170	38	NiMh	8	Autotest
672383.002.04	D 495, H 6, HE 70, HEL 60-80	830	3500 / 170	38	NiMh	8	MultiDigit
672383.002.07	D 495, H 6, HE 70, HEL 60-80	830	3500 / 170	38	NiMh	8	DALI-Sibe
672382.002.1	D 495, H 6, HE 70, HEL 60-80	840	3600 / 440	38	NiMh	3	Autotest
672382.002.1.04	D 495, H 6, HE 70, HEL 60-80	840	3600 / 440	38	NiMh	3	MultiDigit
672382.002.1.07	D 495, H 6, HE 70, HEL 60-80	840	3600 / 440	38	NiMh	3	DALI-Sibe
672383.002.1	D 495, H 6, HE 70, HEL 60-80	840	3600 / 170	38	NiMh	8	Autotest
672383.002.1.04	D 495, H 6, HE 70, HEL 60-80	840	3600 / 170	38	NiMh	8	MultiDigit
672383.002.1.07	D 495, H 6, HE 70, HEL 60-80	840	3600 / 170	38	NiMh	8	DALI-Sibe

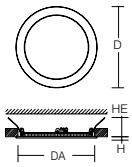
SCL

Recessed frame				Price Category 21
Module 600				
982182.002	L 595, B 595, H 36	for Toledo Flat	Round D 495	
Module 625				
982183.002	L 622, B 622, H 36	for Toledo Flat	Round D 495	

TOLEDO FLAT

Product overview | Recessed downlights

Recessed downlights | Toledo Flat Round



Type of Protection: **IP 40**
Protection Class: I
Ceiling thickness S: 1-20 mm
Impact Protection: IK03

For escape route illumination

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA).
Ceiling installation with spring system. Mounting depth depends on ceiling strength.
Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Luminaires for central battery system

Voltage type: AC/DC

CBS

Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	Monitoring
Luminaires for central battery system						**Price Category 24**
Diffuser: plastic, opal						
Ceiling cut out DA 128 mm						
672228.002	D 148, H 2, HE 35, HEL 31-51	830	390 / 390	5	without battery	Standard
672228.002.88	D 148, H 2, HE 100, HEL 37-57	830	390 / 390	6	without battery	MOM
672228.002.89	D 148, H 2, HE 100, HEL 37-57	830	390 / 390	6	without battery	AC-Control
672228.002.1	D 148, H 2, HE 35, HEL 31-51	840	400 / 400	5	without battery	Standard
672228.002.1.88	D 148, H 2, HE 100, HEL 37-57	840	400 / 400	6	without battery	MOM
672228.002.1.89	D 148, H 2, HE 100, HEL 37-57	840	400 / 400	6	without battery	AC-Control
Ceiling cut out DA 170 mm						
672229.002	D 190, H 2, HE 35, HEL 31-51	830	740 / 740	9	without battery	Standard
672229.002.88	D 190, H 2, HE 60, HEL 37-57	830	740 / 740	10	without battery	MOM
672229.002.89	D 190, H 2, HE 60, HEL 37-57	830	740 / 740	10	without battery	AC-Control
672229.002.1	D 190, H 2, HE 35, HEL 31-51	840	840 / 840	9	without battery	Standard
672229.002.1.88	D 190, H 2, HE 60, HEL 37-57	840	840 / 840	10	without battery	MOM
672229.002.1.89	D 190, H 2, HE 60, HEL 37-57	840	840 / 840	10	without battery	AC-Control
Ceiling cut out DA 234 mm						
672230.002	D 255, H 3, HE 35, HEL 31-51	830	1650 / 1650	18	without battery	Standard
672230.002.88	D 255, H 3, HE 60, HEL 37-57	830	1650 / 1650	19	without battery	MOM
672230.002.89	D 255, H 3, HE 60, HEL 37-57	830	1650 / 1650	19	without battery	AC-Control
672230.002.1	D 255, H 3, HE 35, HEL 31-51	840	1650 / 1650	18	without battery	Standard
672230.002.1.88	D 255, H 3, HE 60, HEL 37-57	840	1650 / 1650	19	without battery	MOM
672230.002.1.89	D 255, H 3, HE 60, HEL 37-57	840	1650 / 1650	19	without battery	AC-Control
Ceiling cut out DA 288 mm						
672231.002	D 317, H 3, HE 35, HEL 31-51	830	2150 / 2150	23	without battery	Standard
672231.002.88	D 317, H 3, HE 50, HEL 37-57	830	2150 / 2150	24	without battery	MOM
672231.002.89	D 317, H 3, HE 50, HEL 37-57	830	2150 / 2150	24	without battery	AC-Control
672231.002.1	D 317, H 3, HE 35, HEL 31-51	840	2250 / 2250	23	without battery	Standard
672231.002.1.88	D 317, H 3, HE 50, HEL 37-57	840	2250 / 2250	24	without battery	MOM
672231.002.1.89	D 317, H 3, HE 50, HEL 37-57	840	2250 / 2250	24	without battery	AC-Control
Ceiling cut out DA 470 mm						
672380.002	D 495, H 6, HE 40, HEL 31-51	830	3450 / 3450	35	without battery	Standard
672380.002.88	D 495, H 6, HE 50, HEL 37-57	830	3450 / 3450	36	without battery	MOM
672380.002.89	D 495, H 6, HE 50, HEL 37-57	830	3450 / 3450	36	without battery	AC-Control
672380.002.1	D 495, H 6, HE 40, HEL 31-51	840	3550 / 3550	35	without battery	Standard
672380.002.1.88	D 495, H 6, HE 50, HEL 37-57	840	3550 / 3550	36	without battery	MOM
672380.002.1.89	D 495, H 6, HE 50, HEL 37-57	840	3550 / 3550	36	without battery	AC-Control
Diffuser: transparent plastic, microprismatic						
Ceiling cut out DA 470 mm						
672379.002	D 495, H 6, HE 40, HEL 31-51	830	3550 / 3550	35	without battery	Standard
672379.002.88	D 495, H 6, HE 50, HEL 37-57	830	3550 / 3550	36	without battery	MOM
672379.002.89	D 495, H 6, HE 50, HEL 37-57	830	3550 / 3550	36	without battery	AC-Control
672379.002.1	D 495, H 6, HE 40, HEL 31-51	840	3600 / 3600	35	without battery	Standard
672379.002.1.88	D 495, H 6, HE 50, HEL 37-57	840	3600 / 3600	36	without battery	MOM
672379.002.1.89	D 495, H 6, HE 50, HEL 37-57	840	3600 / 3600	36	without battery	AC-Control

Recessed frame			Price Category 21
Module 600			
982182.002	L 595, B 595, H 36	for Toledo Flat Round D 495	
Module 625			
982183.002	L 622, B 622, H 36	for Toledo Flat Round D 495	

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

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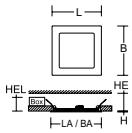
TOLEDO FLAT

Product overview | Recessed downlights

Recessed downlights | Toledo Flat Square



Type of Protection: **IP 40**
Protection Class: I
Ceiling thickness S: 1-20 mm
Impact Protection: IK03

For escape route illumination

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA).
Ceiling installation with spring system. Mounting depth depends on ceiling strength.
Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Self-contained safety luminaires

Voltage type: AC

Automatic self test in all standard versions.

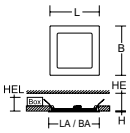
Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

SCL

Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	[h]	Monitoring
Self-contained safety luminaires							**Price Category 23**
Ceiling cut out LA 96 x BA 96 mm							
672233.002	L 110, B 110, H 3, HE 170, HEL 60-80	830	370 / 280	7,2	NiMh	3	Autotest
672233.002.04	L 110, B 110, H 3, HE 170, HEL 60-80	830	370 / 280	7,2	NiMh	3	MultiDigit
672233.002.07	L 110, B 110, H 3, HE 170, HEL 60-80	830	370 / 280	7,2	NiMh	3	DALI-Sibe
672234.002	L 110, B 110, H 3, HE 170, HEL 60-80	830	370 / 120	7,2	NiMh	8	Autotest
672234.002.04	L 110, B 110, H 3, HE 170, HEL 60-80	830	370 / 120	7,2	NiMh	8	MultiDigit
672234.002.07	L 110, B 110, H 3, HE 170, HEL 60-80	830	370 / 120	7,2	NiMh	8	DALI-Sibe
672233.002.1	L 110, B 110, H 3, HE 170, HEL 60-80	840	380 / 330	7,2	NiMh	3	Autotest
672233.002.1.04	L 110, B 110, H 3, HE 170, HEL 60-80	840	380 / 330	7,2	NiMh	3	MultiDigit
672233.002.1.07	L 110, B 110, H 3, HE 170, HEL 60-80	840	380 / 330	7,2	NiMh	3	DALI-Sibe
672234.002.1	L 110, B 110, H 3, HE 170, HEL 60-80	840	380 / 130	7,2	NiMh	8	Autotest
672234.002.1.04	L 110, B 110, H 3, HE 170, HEL 60-80	840	380 / 130	7,2	NiMh	8	MultiDigit
672234.002.1.07	L 110, B 110, H 3, HE 170, HEL 60-80	840	380 / 130	7,2	NiMh	8	DALI-Sibe
Ceiling cut out LA 156 x BA 156 mm							
672235.002	L 172, B 172, H 3, HE 110, HEL 60-80	830	730 / 350	11	NiMh	3	Autotest
672235.002.04	L 172, B 172, H 3, HE 110, HEL 60-80	830	730 / 350	11	NiMh	3	MultiDigit
672235.002.07	L 172, B 172, H 3, HE 110, HEL 60-80	830	730 / 350	11	NiMh	3	DALI-Sibe
672236.002	L 172, B 172, H 3, HE 110, HEL 60-80	830	730 / 160	11	NiMh	8	Autotest
672236.002.04	L 172, B 172, H 3, HE 110, HEL 60-80	830	730 / 160	11	NiMh	8	MultiDigit
672236.002.07	L 172, B 172, H 3, HE 110, HEL 60-80	830	730 / 160	11	NiMh	8	DALI-Sibe
672235.002.1	L 172, B 172, H 3, HE 110, HEL 60-80	840	750 / 340	11	NiMh	3	Autotest
672235.002.1.04	L 172, B 172, H 3, HE 110, HEL 60-80	840	750 / 340	11	NiMh	3	MultiDigit
672235.002.1.07	L 172, B 172, H 3, HE 110, HEL 60-80	840	750 / 340	11	NiMh	3	DALI-Sibe
672236.002.1	L 172, B 172, H 3, HE 110, HEL 60-80	840	730 / 150	11	NiMh	8	Autotest
672236.002.1.04	L 172, B 172, H 3, HE 110, HEL 60-80	840	730 / 150	11	NiMh	8	MultiDigit
672236.002.1.07	L 172, B 172, H 3, HE 110, HEL 60-80	840	730 / 150	11	NiMh	8	DALI-Sibe
Ceiling cut out LA 208 x BA 208 mm							
672237.002	L 225, B 225, H 3, HE 100, HEL 60-80	830	1600 / 440	20	NiMh	3	Autotest
672237.002.04	L 225, B 225, H 3, HE 100, HEL 60-80	830	1600 / 440	20	NiMh	3	MultiDigit
672237.002.07	L 225, B 225, H 3, HE 100, HEL 60-80	830	1600 / 440	20	NiMh	3	DALI-Sibe
672238.002	L 225, B 225, H 3, HE 100, HEL 60-80	830	1600 / 170	20	NiMh	8	Autotest
672238.002.04	L 225, B 225, H 3, HE 100, HEL 60-80	830	1600 / 170	20	NiMh	8	MultiDigit
672238.002.07	L 225, B 225, H 3, HE 100, HEL 60-80	830	1600 / 170	20	NiMh	8	DALI-Sibe
672237.002.1	L 225, B 225, H 3, HE 100, HEL 60-80	840	1650 / 450	20	NiMh	3	Autotest
672237.002.1.04	L 225, B 225, H 3, HE 100, HEL 60-80	840	1650 / 450	20	NiMh	3	MultiDigit
672237.002.1.07	L 225, B 225, H 3, HE 100, HEL 60-80	840	1650 / 450	20	NiMh	3	DALI-Sibe
672238.002.1	L 225, B 225, H 3, HE 100, HEL 60-80	840	1650 / 180	20	NiMh	8	Autotest
672238.002.1.04	L 225, B 225, H 3, HE 100, HEL 60-80	840	1650 / 180	20	NiMh	8	MultiDigit
672238.002.1.07	L 225, B 225, H 3, HE 100, HEL 60-80	840	1650 / 180	20	NiMh	8	DALI-Sibe
Ceiling cut out LA 280 x BA 280 mm							
672239.002	L 300, B 300, H 3, HE 90, HEL 60-80	830	2050 / 420	25	NiMh	3	Autotest
672239.002.04	L 300, B 300, H 3, HE 90, HEL 60-80	830	2050 / 420	25	NiMh	3	MultiDigit
672239.002.07	L 300, B 300, H 3, HE 90, HEL 60-80	830	2050 / 420	25	NiMh	3	DALI-Sibe
672240.002	L 300, B 300, H 3, HE 90, HEL 60-80	830	2050 / 170	25	NiMh	8	Autotest
672240.002.04	L 300, B 300, H 3, HE 90, HEL 60-80	830	2050 / 170	25	NiMh	8	MultiDigit
672240.002.07	L 300, B 300, H 3, HE 90, HEL 60-80	830	2050 / 170	25	NiMh	8	DALI-Sibe
672239.002.1	L 300, B 300, H 3, HE 90, HEL 60-80	840	2200 / 430	25	NiMh	3	Autotest
672239.002.1.04	L 300, B 300, H 3, HE 90, HEL 60-80	840	2200 / 430	25	NiMh	3	MultiDigit
672239.002.1.07	L 300, B 300, H 3, HE 90, HEL 60-80	840	2200 / 430	25	NiMh	3	DALI-Sibe
672240.002.1	L 300, B 300, H 3, HE 90, HEL 60-80	840	2200 / 180	25	NiMh	8	Autotest
672240.002.1.04	L 300, B 300, H 3, HE 90, HEL 60-80	840	2200 / 180	25	NiMh	8	MultiDigit
672240.002.1.07	L 300, B 300, H 3, HE 90, HEL 60-80	840	2200 / 180	25	NiMh	8	DALI-Sibe

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

Recessed downlights | Toledo Flat Square



Type of Protection: **IP 40**
Protection Class: I
Ceiling thickness S: 1-20 mm
Impact Protection: IK03

For escape route illumination

Housing: die-cast aluminium. Lightguide and diffuser made of non-yellowing plastic (PMMA).
Ceiling installation with spring system. Mounting depth depends on ceiling strength.
Incl. separate LED converter with connecting cable 250 mm.

Available colour: white

Luminaires for central battery system

Voltage type: AC/DC

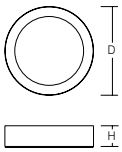
Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	Monitoring
Luminaires for central battery system						**Price Category 24**
Ceiling cut out LA 96 x BA 96 mm						
672241.002	L 110, B 110, H 3, HE 40, HEL 31-51	830	370 / 370	4,7	without battery	Standard
672241.002.88	L 110, B 110, H 3, HE 100, HEL 37-57	830	370 / 370	5,7	without battery	MOM
672241.002.89	L 110, B 110, H 3, HE 100, HEL 37-57	830	370 / 370	5,7	without battery	AC-Control
672241.002.1	L 110, B 110, H 3, HE 40, HEL 31-51	840	380 / 380	4,7	without battery	Standard
672241.002.1.88	L 110, B 110, H 3, HE 100, HEL 37-57	840	380 / 380	5,7	without battery	MOM
672241.002.1.89	L 110, B 110, H 3, HE 100, HEL 37-57	840	380 / 380	5,7	without battery	AC-Control
Ceiling cut out LA 156 x BA 156 mm						
672242.002	L 172, B 172, H 3, HE 35, HEL 31-51	830	730 / 730	8	without battery	Standard
672242.002.88	L 172, B 172, H 3, HE 60, HEL 37-57	830	730 / 730	9	without battery	MOM
672242.002.89	L 172, B 172, H 3, HE 60, HEL 37-57	830	730 / 730	9	without battery	AC-Control
672242.002.1	L 172, B 172, H 3, HE 35, HEL 31-51	840	750 / 750	8	without battery	Standard
672242.002.1.88	L 172, B 172, H 3, HE 60, HEL 37-57	840	750 / 750	9	without battery	MOM
672242.002.1.89	L 172, B 172, H 3, HE 60, HEL 37-57	840	750 / 750	9	without battery	AC-Control
Ceiling cut out LA 208 x BA 208 mm						
672243.002	L 225, B 225, H 3, HE 35, HEL 31-51	830	1600 / 1600	18	without battery	Standard
672243.002.88	L 225, B 225, H 3, HE 40, HEL 37-57	830	1600 / 1600	19	without battery	MOM
672243.002.89	L 225, B 225, H 3, HE 40, HEL 37-57	830	1600 / 1600	19	without battery	AC-Control
672243.002.1	L 225, B 225, H 3, HE 35, HEL 31-51	840	1650 / 1650	18	without battery	Standard
672243.002.1.88	L 225, B 225, H 3, HE 40, HEL 37-57	840	1650 / 1650	19	without battery	MOM
672243.002.1.89	L 225, B 225, H 3, HE 40, HEL 37-57	840	1650 / 1650	19	without battery	AC-Control
Ceiling cut out LA 280 x BA 280 mm						
672244.002	L 300, B 300, H 3, HE 35, HEL 31-51	830	2050 / 2050	22	without battery	Standard
672244.002.88	L 300, B 300, H 3, HE 40, HEL 37-57	830	2050 / 2050	23	without battery	MOM
672244.002.89	L 300, B 300, H 3, HE 40, HEL 37-57	830	2050 / 2050	23	without battery	AC-Control
672244.002.1	L 300, B 300, H 3, HE 35, HEL 31-51	840	2200 / 2200	22	without battery	Standard
672244.002.1.88	L 300, B 300, H 3, HE 40, HEL 37-57	840	2200 / 2200	23	without battery	MOM
672244.002.1.89	L 300, B 300, H 3, HE 40, HEL 37-57	840	2200 / 2200	23	without battery	AC-Control

CBS

TOLEDO FLAT

Product overview | Recessed downlights | Escape route illumination

Surface mounted downlights | Toledo Flat Round



Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK06

For escape route illumination

Cylinder housing sheet steel, powder coated. Bezel ring: die-cast aluminium, powder coated. Lightguide and diffuser made of non-yellowing plastic (PMMA).

Available colour: white

Self-contained safety luminaires

Voltage type: AC

Automatic self test in all standard versions.

Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

SCL

Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	[h]	Monitoring
Self-contained safety luminaires							**Price Category 23**
Diffuser: plastic, opal							
Diameter D 257 mm							
672271.002	D 257, H 63	830	1650 / 450	20	NiMh	3	Autotest
672271.002.04	D 257, H 63	830	1650 / 450	20	NiMh	3	MultiDigit
672271.002.07	D 257, H 63	830	1650 / 450	20	NiMh	3	DALI-Sibe
672272.002	D 257, H 63	830	1650 / 180	20	NiMh	8	Autotest
672272.002.04	D 257, H 63	830	1650 / 180	20	NiMh	8	MultiDigit
672272.002.07	D 257, H 63	830	1650 / 180	20	NiMh	8	DALI-Sibe
672271.002.1	D 257, H 63	840	1650 / 460	20	NiMh	3	Autotest
672271.002.1.04	D 257, H 63	840	1650 / 460	20	NiMh	3	MultiDigit
672271.002.1.07	D 257, H 63	840	1650 / 460	20	NiMh	3	DALI-Sibe
672272.002.1	D 257, H 63	840	1650 / 180	20	NiMh	8	Autotest
672272.002.1.04	D 257, H 63	840	1650 / 180	20	NiMh	8	MultiDigit
672272.002.1.07	D 257, H 63	840	1650 / 180	20	NiMh	8	DALI-Sibe
Diameter D 319 mm							
672273.002	D 319, H 63	830	2150 / 430	26	NiMh	3	Autotest
672273.002.04	D 319, H 63	830	2150 / 430	26	NiMh	3	MultiDigit
672273.002.07	D 319, H 63	830	2150 / 430	26	NiMh	3	DALI-Sibe
672274.002	D 319, H 63	830	2150 / 180	26	NiMh	8	Autotest
672274.002.04	D 319, H 63	830	2150 / 180	26	NiMh	8	MultiDigit
672274.002.07	D 319, H 63	830	2150 / 180	26	NiMh	8	DALI-Sibe
672273.002.1	D 319, H 63	840	2250 / 440	26	NiMh	3	Autotest
672273.002.1.04	D 319, H 63	840	2250 / 440	26	NiMh	3	MultiDigit
672273.002.1.07	D 319, H 63	840	2250 / 440	26	NiMh	3	DALI-Sibe
672274.002.1	D 319, H 63	840	2250 / 180	26	NiMh	8	Autotest
672274.002.1.04	D 319, H 63	840	2250 / 180	26	NiMh	8	MultiDigit
672274.002.1.07	D 319, H 63	840	2250 / 180	26	NiMh	8	DALI-Sibe
Diameter D 500 mm							
672350.002	D 500, H 63	830	3500 / 430	38	NiMh	3	Autotest
672350.002.04	D 500, H 63	830	3500 / 430	38	NiMh	3	MultiDigit
672350.002.07	D 500, H 63	830	3500 / 430	38	NiMh	3	DALI-Sibe
672351.002	D 500, H 63	830	3500 / 430	38	NiMh	8	Autotest
672351.002.04	D 500, H 63	830	3500 / 430	38	NiMh	8	MultiDigit
672351.002.07	D 500, H 63	830	3500 / 430	38	NiMh	8	DALI-Sibe
672350.002.1	D 500, H 63	840	3600 / 440	38	NiMh	3	Autotest
672350.002.1.04	D 500, H 63	840	3600 / 440	38	NiMh	3	MultiDigit
672350.002.1.07	D 500, H 63	840	3600 / 440	38	NiMh	3	DALI-Sibe
672351.002.1	D 500, H 63	840	3600 / 440	38	NiMh	8	Autotest
672351.002.1.04	D 500, H 63	840	3600 / 440	38	NiMh	8	MultiDigit
672351.002.1.07	D 500, H 63	840	3600 / 440	38	NiMh	8	DALI-Sibe
Diffuser: transparent plastic, microprismatic							
Diameter D 500 mm							
672352.002	D 500, H 63	830	3500 / 430	38	NiMh	3	Autotest
672352.002.04	D 500, H 63	830	3500 / 430	38	NiMh	3	MultiDigit
672352.002.07	D 500, H 63	830	3500 / 430	38	NiMh	3	DALI-Sibe
672353.002	D 500, H 63	830	3450 / 430	38	NiMh	8	Autotest
672353.002.04	D 500, H 63	830	3450 / 430	38	NiMh	8	MultiDigit
672353.002.07	D 500, H 63	830	3450 / 430	38	NiMh	8	DALI-Sibe
672352.002.1	D 500, H 63	840	3600 / 440	38	NiMh	3	Autotest
672352.002.1.04	D 500, H 63	840	3600 / 440	38	NiMh	3	MultiDigit
672352.002.1.07	D 500, H 63	840	3600 / 440	38	NiMh	3	DALI-Sibe
672353.002.1	D 500, H 63	840	3550 / 440	38	NiMh	8	Autotest
672353.002.1.04	D 500, H 63	840	3550 / 440	38	NiMh	8	MultiDigit
672353.002.1.07	D 500, H 63	840	3550 / 440	38	NiMh	8	DALI-Sibe

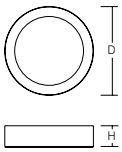
Specifications subject to alteration | The values indicated for power and luminous flux are rated values

TOLEDO FLAT

Product overview | Recessed downlights | Escape route illumination

Surface mounted downlights | Toledo Flat Round

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK06



For escape route illumination

Cylinder housing sheet steel, powder coated. Bezel ring: die-cast aluminium, powder coated. Lightguide and diffuser made of non-yellowing plastic (PMMA).

Available colour: white

Luminaires for central battery system

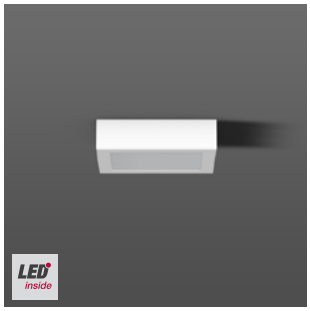
Voltage type: AC/DC

CBS

Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	Monitoring
Luminaires for central battery system						**Price Category 24**
Diffuser: plastic, opal						
Diameter D 150 mm						
672290.002	D 150, H 57	830	390 / 390	5	without battery	Standard
672290.002.88	D 150, H 57	830	390 / 390	6	without battery	MOM
672290.002.89	D 150, H 57	830	390 / 390	6	without battery	AC-Control
672290.002.1	D 150, H 57	840	400 / 400	5	without battery	Standard
672290.002.1.88	D 150, H 57	840	400 / 400	6	without battery	MOM
672290.002.1.89	D 150, H 57	840	400 / 400	6	without battery	AC-Control
Diameter D 192 mm						
672279.002	D 192, H 58	830	740 / 740	9	without battery	Standard
672279.002.88	D 192, H 58	830	740 / 740	10	without battery	MOM
672279.002.89	D 192, H 58	830	740 / 740	10	without battery	AC-Control
672279.002.1	D 192, H 58	840	840 / 840	9	without battery	Standard
672279.002.1.88	D 192, H 58	840	840 / 840	10	without battery	MOM
672279.002.1.89	D 192, H 58	840	840 / 840	10	without battery	AC-Control
Diameter D 257 mm						
672280.002	D 257, H 63	830	1650 / 1650	18	without battery	Standard
672280.002.88	D 257, H 63	830	1650 / 1650	19	without battery	MOM
672280.002.89	D 257, H 63	830	1650 / 1650	19	without battery	AC-Control
672280.002.1	D 257, H 63	840	1650 / 1650	18	without battery	Standard
672280.002.1.88	D 257, H 63	840	1650 / 1650	19	without battery	MOM
672280.002.1.89	D 257, H 63	840	1650 / 1650	19	without battery	AC-Control
Diameter D 319 mm						
672281.002	D 319, H 63	830	2150 / 2150	23	without battery	Standard
672281.002.88	D 319, H 63	830	2150 / 2150	24	without battery	MOM
672281.002.89	D 319, H 63	830	2150 / 2150	24	without battery	AC-Control
672281.002.1	D 319, H 63	840	2250 / 2250	23	without battery	Standard
672281.002.1.88	D 319, H 63	840	2250 / 2250	24	without battery	MOM
672281.002.1.89	D 319, H 63	840	2250 / 2250	24	without battery	AC-Control
Diameter D 500 mm						
672348.002	D 500, H 63	830	3500 / 3500	35	without battery	Standard
672348.002.88	D 500, H 63	830	3500 / 3500	36	without battery	MOM
672348.002.89	D 500, H 63	830	3500 / 3500	36	without battery	AC-Control
672348.002.1	D 500, H 63	840	3600 / 3600	35	without battery	Standard
672348.002.1.88	D 500, H 63	840	3600 / 3600	36	without battery	MOM
672348.002.1.89	D 500, H 63	840	3600 / 3600	36	without battery	AC-Control
Diffuser: transparent plastic, microprismatic						
Diameter D 500 mm						
672349.002	D 500, H 63	830	3500 / 3500	35	without battery	Standard
672349.002.88	D 500, H 63	830	3500 / 3500	36	without battery	MOM
672349.002.89	D 500, H 63	830	3500 / 3500	36	without battery	AC-Control
672349.002.1	D 500, H 63	840	3600 / 3600	35	without battery	Standard
672349.002.1.88	D 500, H 63	840	3600 / 3600	36	without battery	MOM
672349.002.1.89	D 500, H 63	840	3600 / 3600	36	without battery	AC-Control

TOLEDO FLAT

Product overview | Recessed downlights | Escape route illumination



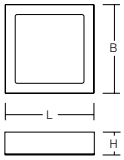
Surface mounted downlights | Toledo Flat Square

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK06

For escape route illumination

Surface mounted housing: sheet steel, powder coated. Square cover plate: die-cast aluminium, powder coated. Light guide and diffuser made of non-yellowing PMMA, opal matt.

Available colour: white



Self-contained safety luminaires

Voltage type: AC

Automatic self test in all standard versions.

Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

SCL

Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	[h]	Monitoring
Self-contained safety luminaires							**Price Category 23**
Length L 225 mm x Width B 225 mm							
672275.002	L 225, B 225, H 58	830	1600 / 440	20	NiMh	3	Autotest
672275.002.04	L 225, B 225, H 58	830	1600 / 440	20	NiMh	3	MultiDigit
672275.002.07	L 225, B 225, H 58	830	1600 / 440	20	NiMh	3	DALI-Sibe
672276.002	L 225, B 225, H 58	830	1600 / 170	20	NiMh	8	Autotest
672276.002.04	L 225, B 225, H 58	830	1600 / 170	20	NiMh	8	MultiDigit
672276.002.07	L 225, B 225, H 58	830	1600 / 170	20	NiMh	8	DALI-Sibe
672275.002.1	L 225, B 225, H 58	840	1650 / 450	20	NiMh	3	Autotest
672275.002.1.04	L 225, B 225, H 58	840	1650 / 450	20	NiMh	3	MultiDigit
672275.002.1.07	L 225, B 225, H 58	840	1650 / 450	20	NiMh	3	DALI-Sibe
672276.002.1	L 225, B 225, H 58	840	1650 / 180	20	NiMh	8	Autotest
672276.002.1.04	L 225, B 225, H 58	840	1650 / 180	20	NiMh	8	MultiDigit
672276.002.1.07	L 225, B 225, H 58	840	1650 / 180	20	NiMh	8	DALI-Sibe
Length L 300 mm x Width B 300 mm							
672277.002	L 300, B 300, H 58	830	2050 / 420	25	NiMh	3	Autotest
672277.002.04	L 300, B 300, H 58	830	2050 / 420	25	NiMh	3	MultiDigit
672277.002.07	L 300, B 300, H 58	830	2050 / 420	25	NiMh	3	DALI-Sibe
672278.002	L 300, B 300, H 58	830	2050 / 170	25	NiMh	8	Autotest
672278.002.04	L 300, B 300, H 58	830	2050 / 170	25	NiMh	8	MultiDigit
672278.002.07	L 300, B 300, H 58	830	2050 / 170	25	NiMh	8	DALI-Sibe
672277.002.1	L 300, B 300, H 58	840	2200 / 430	25	NiMh	3	Autotest
672277.002.1.04	L 300, B 300, H 58	840	2200 / 430	25	NiMh	3	MultiDigit
672277.002.1.07	L 300, B 300, H 58	840	2200 / 430	25	NiMh	3	DALI-Sibe
672278.002.1	L 300, B 300, H 58	840	2200 / 180	25	NiMh	8	Autotest
672278.002.1.04	L 300, B 300, H 58	840	2200 / 180	25	NiMh	8	MultiDigit
672278.002.1.07	L 300, B 300, H 58	840	2200 / 180	25	NiMh	8	DALI-Sibe

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

TOLEDO FLAT

Surface mounted downlights | Toledo Flat Square

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK06

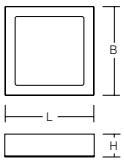
For escape route illumination

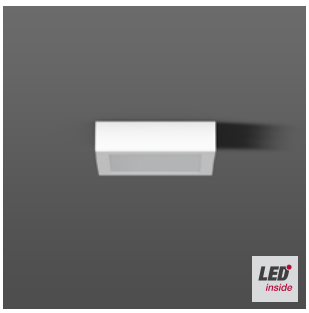
Surface mounted housing: sheet steel, powder coated. Square cover plate: die-cast aluminium, powder coated. Light guide and diffuser made of non-yellowing PMMA, opal matt.

Available colour: white

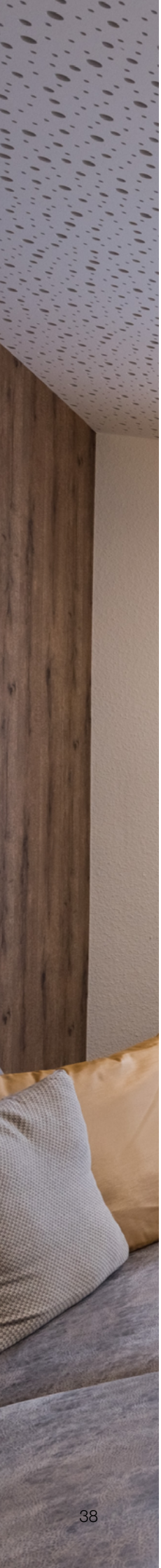
Luminaires for central battery system

Voltage type: AC/DC





Reference number	Dimensions [mm]	Light colour	Luminaire flux Mains/Emergency [lm]	System power [W]	Battery	[h]	Monitoring
Luminaires for central battery system							**Price Category 24**
Length L 110 mm x Width B 110 mm							
672259.002	L 110, B 110, H 58	830	410 / 410	6	without battery		Standard
672259.002.88	L 110, B 110, H 58	830	410 / 410	7	without battery		MOM
672259.002.89	L 110, B 110, H 58	830	410 / 410	7	without battery		AC-Control
672259.002.1	L 110, B 110, H 58	840	430 / 430	6	without battery		Standard
672259.002.1.88	L 110, B 110, H 58	840	430 / 430	7	without battery		MOM
672259.002.1.89	L 110, B 110, H 58	840	430 / 430	7	without battery		AC-Control
Length L 172 mm x Width B 172 mm							
672267.002	L 172, B 172, H 58	830	730 / 730	8	without battery		Standard
672267.002.88	L 172, B 172, H 58	830	730 / 730	9	without battery		MOM
672267.002.89	L 172, B 172, H 58	830	730 / 730	9	without battery		AC-Control
672267.002.1	L 172, B 172, H 58	840	730 / 730	8	without battery		Standard
672267.002.1.88	L 172, B 172, H 58	840	730 / 730	9	without battery		MOM
672267.002.1.89	L 172, B 172, H 58	840	730 / 730	9	without battery		AC-Control
Length L 225 mm x Width B 225 mm							
672268.002	L 225, B 225, H 58	830	1600 / 1600	18	without battery		Standard
672268.002.88	L 225, B 225, H 58	830	1600 / 1600	19	without battery		MOM
672268.002.89	L 225, B 225, H 58	830	1600 / 1600	19	without battery		AC-Control
672268.002.1	L 225, B 225, H 58	840	1650 / 1650	18	without battery		Standard
672268.002.1.88	L 225, B 225, H 58	840	1650 / 1650	19	without battery		MOM
672268.002.1.89	L 225, B 225, H 58	840	1650 / 1650	19	without battery		AC-Control
Length L 300 mm x Width B 300 mm							
672269.002	L 300, B 300, H 58	830	2050 / 2050	22	without battery		Standard
672269.002.88	L 300, B 300, H 58	830	2050 / 2050	23	without battery		MOM
672269.002.89	L 300, B 300, H 58	830	2050 / 2050	23	without battery		AC-Control



TOLEDO FLATLINER

Ceiling and pendant luminaires

NEW MATERIAL FOR GREAT IDEAS

RZB combines efficiency with variety and, with the TOLEDO FLATLINER, offers virtually unlimited design options and a wealth of material for brilliant ideas in playschools, hotels and restaurants. The efficient TOLEDO FLAT LED downlight is the basis for this attractive union. Combined with the high-quality chintz fabric lampshade from the FLATLINER range, a new generation of decorative yet technically sophisticated fabric lampshade luminaires is born: the TOLEDO FLATLINER series.

The numerous versions available with the highly efficient LED basic luminaire and the attractive value for money of this downlight are what make the RZB TOLEDO FLATLINER a versatile and economical all-rounder. The ideal solution can be put together from a choice of four different sizes, four luminous flux configurations and two light colours. You can choose from ceiling-mounted, pendant or DALI dimmable versions.

The versatility of this range continues with the choice of chintz fabric lightshades available. The decorative lightshades are hand-made in Germany and come in more than 70 different standard colours, four sizes, round or square basic designs and can also be made flame-resistant if required. A satin-finish plastic cover can also be added as an optional extra. If, in spite of the attractive selection of standard colours to choose from, you can't find what you are looking for, the fabric lightshades can even be printed to order.

The uniform illumination, highly efficient LEDs and cost efficiency of the basic luminaire, combined with the wide variety of light shade designs, open up virtually unlimited options – in hotels or restaurants, playschools and in fact wherever material for new design concepts is required.

ADVANTAGES

- Decorative fabric lampshade luminaire for room design
- The basic luminaire for fabric lampshades is the Toledo Flat series
- More than 70 different standard colours to choose for the fabric lampshade
- Standard cylinder and cuboid shapes
- Material of fabric lampshade chintz or optionally also flame retardant fabric in compliance with B1
- Fabric lampshades can be retrofitted to the basic luminaire without tools
- Satin finish diffusers made of plastic are optionally available
- DALI converter is compatible with DC, suitable for central battery system
- Ceiling and pendant mounting

DALI

GERMAN DESIGN AWARD WINNER 2018

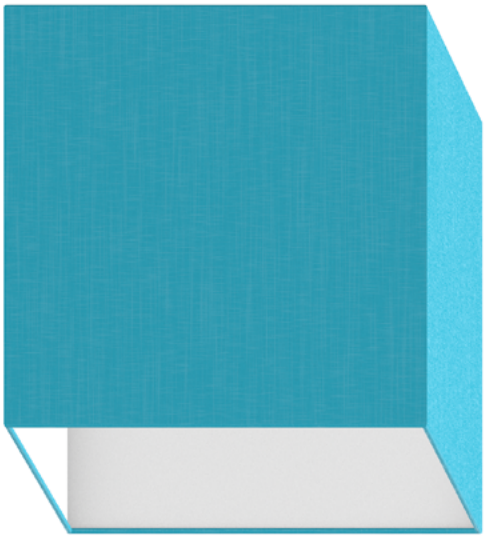
© Linus Lintner

TOLEDO FLATLINER

Options

Basic luminaire for ceiling
or pendant mounting

Chintz fabric lampshade available
in cuboid or cylinder shape in more
than 70 different colours.
See p. 35 for overview of colours



Satin finish diffusers made of
plastic are optionally available

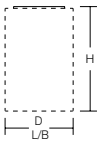
TOLEDO FLATLINER

Product overview | Ceiling luminaires

Comparison
LED vs. conventional lamps

LED 5 W ≈
1 x 10 W TC-D (16 W Psys)

Ceiling luminaires | Toledo Flatliner



Type of Protection: **IP 40**
Protection Class: II
Impact Protection: IK06

Basic luminaire: Cylinder housing sheet steel, powder coated. Housing: die cast aluminium and sheet steel, powder-coated. Bezel ring: die-cast aluminium, powder coated. Light guide and diffuser made of non-yellowing PMMA, opal matt. Lampshades can be mounted without tools. Ceiling mounting.

Standard colour covering surface Chintz fabric lampshade: 66.8003.01 white
Further colours (see page 49) available at the same price.
Please include the colour code in your order.

Modular design: The lampshades need to be ordered separately for each luminaire.
The use of the diffuser is optional.

Please be aware of possible increased freight charges for deliveries outside of Germany.

Available colour: white

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able	
Basic luminaire for lampshade attachment							**Price Category 21**
Toledo Flatliner 200, ceiling mounting							
901628.002	D 160, H 65	LED	830	310	5	on/off	
901628.002.1	D 160, H 65	LED	840	360	5	on/off	

Indication of luminaire flux when using the white fabric lampshade.

Chintz lampshades			Price Category 21
Toledo Flatliner 200			
Height of the fabric lampshade 120 mm			
982493.002	D 200, H 120	Cylinder shape	
982497.002	L 200, B 200, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982299.002	D 200, H 300	Cylinder shape	
982309.002	L 200, B 200, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982304.002	D 198, H 5	Accessories for Toledo Flatliner 200 cylinder shape	
982314.002	L 198, B 198, H 5	Accessories for Toledo Flatliner 200 cuboid shape	

Diffusers with Chintz fabric in all colours on request.

Comparison
LED vs. conventional lamps

LED 7,7 W ≈
1 x 18 W TC-D (26 W Psys)

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able	
Basic luminaire for lampshade attachment							**Price Category 21**
Toledo Flatliner 242, ceiling mounting							
901630.002	D 202, H 65	LED	830	610	7,7	on/off	
901630.002.76	D 202, H 65	LED	830	610	7,7	DALI	
901630.002.1	D 202, H 65	LED	840	660	7,7	on/off	
901630.002.1.76	D 202, H 65	LED	840	660	7,7	DALI	

Indication of luminaire flux when using the white fabric lampshade.

Chintz lampshades			Price Category 21
Toledo Flatliner 242			
Height of the fabric lampshade 120 mm			
982494.002	D 242, H 120	Cylinder shape	
982498.002	L 242, B 242, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982300.002	D 242, H 300	Cylinder shape	
982310.002	L 242, B 242, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982305.002	D 240, H 5	Accessories for Toledo Flatliner 242 cylinder shape	
982315.002	L 240, B 240, H 5	Accessories for Toledo Flatliner 242 cuboid shape	

Diffusers with Chintz fabric in all colours on request.

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

TOLEDO FLATLINER

Product overview | Ceiling luminaires

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able
Basic luminaire for lampshade attachment						**Price Category 21**
Toledo Flatliner 307, ceiling mounting						
901632.002	D 268, H 70	LED	830	1250	17	on/off
901632.002.76	D 268, H 70	LED	830	1250	17	DALI
901632.002.1	D 268, H 70	LED	840	1400	17	on/off
901632.002.1.76	D 268, H 70	LED	840	1400	17	DALI

Indication of luminaire flux when using the white fabric lampshade.

Comparison
LED vs. conventional lamps

LED 17 W ≈
2 x 18 W TC-D (52 W Psys)

Chintz lampshades			**Price Category 21**
Toledo Flatliner 307			
Height of the fabric lampshade 120 mm			
982495.002	D 307, H 120	Cylinder shape	
982499.002	L 307, B 307, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982301.002	D 307, H 300	Cylinder shape	
982311.002	L 307, B 307, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)		**Price Category 21**
Can be installed on the decorative element without any tools		
982306.002	D 305, H 5	Accessories for Toledo Flatliner 307 cylinder shape
982316.002	L 305, B 305, H 5	Accessories for Toledo Flatliner 307 cuboid shape

Diffusers with Chintz fabric in all colours on request.

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able
Basic luminaire for lampshade attachment						**Price Category 21**
Toledo Flatliner 369, ceiling mounting						
901634.002	D 330, H 70	LED	830	1700	22	on/off
901634.002.76	D 330, H 70	LED	830	1700	22	DALI
901634.002.1	D 330, H 70	LED	840	1950	22	on/off
901634.002.1.76	D 330, H 70	LED	840	1950	22	DALI

Indication of luminaire flux when using the white fabric lampshade.

Comparison
LED vs. conventional lamps

LED 22 W ≈
2 x 26 W TC-D (68 W Psys)

Chintz lampshades			**Price Category 21**
Toledo Flatliner 369			
Height of the fabric lampshade 120 mm			
982496.002	D 369, H 120	Cylinder shape	
982500.002	L 369, B 369, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982302.002	D 369, H 300	Cylinder shape	
982312.002	L 369, B 369, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)		**Price Category 21**
Can be installed on the decorative element without any tools		
982307.002	D 367, H 5	Accessories for Toledo Flatliner 369 cylinder shape
982317.002	L 367, B 367, H 5	Accessories for Toledo Flatliner 369 cuboid shape

Diffusers with Chintz fabric in all colours on request.

Colour chart Chintz lampshades		**Price Category 21**
W06630	Chintz lampshades are available in more than 70 different colours	

Colour chart with more than 70 colors page 49

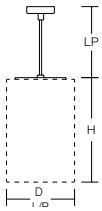
TOLEDO FLATLINER

Product overview | Pendant luminaires

Comparison
LED vs. conventional lamps

LED 5 W ≈
1 x 10 W TC-D (16 W Psys)

Pendant luminaires | Toledo Flatliner



Type of Protection: IP 20
Protection Class: I
Impact Protection: IK06
Suspension Length: 2000 mm

Basic luminaire: Cylinder housing sheet steel, powder coated. Housing: die cast aluminium and sheet steel, powder-coated. Bezel ring: die-cast aluminium, powder coated. Light guide and diffuser made of non-yellowing PMMA, opal matt. Lampshades can be mounted without tools. Transparent suspension cable 2 m, can be shortened. Canopy: sheet steel, powder coated.

Standard colour covering surface Chintz fabric lampshade: 66.8003.01 white
Further colours (see page 49) available at the same price.
Please include the colour code in your order.

Modular design: The lampshades need to be ordered separately for each luminaire.
The use of the diffuser is optional.

Please be aware of possible increased freight charges for deliveries outside of Germany.

Available colour: white

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able	
Basic luminaire for lampshade attachment							**Price Category 21**
Toledo Flatliner 200, pendant length LP 2000 mm							
901629.002	D 162, H 90	LED	830	310	5	on/off	
901629.002.1	D 162, H 90	LED	840	360	5	on/off	

Indication of luminaire flux when using the white fabric lampshade.

Chintz lampshades			Price Category 21
Toledo Flatliner 200			
Height of the fabric lampshade 120 mm			
982493.002	D 200, H 120	Cylinder shape	
982497.002	L 200, B 200, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982299.002	D 200, H 300	Cylinder shape	
982309.002	L 200, B 200, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982304.002	D 198, H 5	Accessories for Toledo Flatliner 200 cylinder shape	
982314.002	L 198, B 198, H 5	Accessories for Toledo Flatliner 200 cuboid shape	

Diffusers with Chintz fabric in all colours on request.

Comparison
LED vs. conventional lamps

LED 7,7 W ≈
1 x 18 W TC-D (26 W Psys)

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able	
Basic luminaire for lampshade attachment							**Price Category 21**
Toledo Flatliner 242, pendant length LP 2000 mm							
901631.002	D 204, H 90	LED	830	610	7,7	on/off	
901631.002.76	D 204, H 90	LED	830	610	7,7	DALI	
901631.002.1	D 204, H 90	LED	840	660	7,7	on/off	
901631.002.1.76	D 204, H 90	LED	840	660	7,7	DALI	

Indication of luminaire flux when using the white fabric lampshade.

Chintz lampshades			Price Category 21
Toledo Flatliner 242			
Height of the fabric lampshade 120 mm			
982494.002	D 242, H 120	Cylinder shape	
982498.002	L 242, B 242, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982300.002	D 242, H 300	Cylinder shape	
982310.002	L 242, B 242, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982305.002	D 240, H 5	Accessories for Toledo Flatliner 242 cylinder shape	
982315.002	L 240, B 240, H 5	Accessories for Toledo Flatliner 242 cuboid shape	

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

TOLEDO FLATLINER

Product overview | Pendant luminaires

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able
Basic luminaire for lampshade attachment						**Price Category 21**
Toledo Flatliner 307, pendant length LP 2000 mm						
901633.002	D 270, H 96	LED	830	1250	17	on/off
901633.002.76	D 270, H 96	LED	830	1250	17	DALI
901633.002.1	D 270, H 96	LED	840	1400	17	on/off
901633.002.1.76	D 270, H 96	LED	840	1400	17	DALI

Indication of luminaire flux when using the white fabric lampshade.

Comparison LED vs. conventional lamps

LED 17 W ≈
2 x 18 W TC-D (52 W Psys)

Chintz lampshades			Price Category 21
Toledo Flatliner 307			
Height of the fabric lampshade 120 mm			
982495.002	D 307, H 120	Cylinder shape	
982499.002	L 307, B 307, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982301.002	D 307, H 300	Cylinder shape	
982311.002	L 307, B 307, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982306.002	D 305, H 5	Accessories for Toledo Flatliner 307 cylinder shape	
982316.002	L 305, B 305, H 5	Accessories for Toledo Flatliner 307 cuboid shape	

Diffusers with Chintz fabric in all colours on request.

Reference number	Dimensions [mm]	Lamp	Light colour	Luminous flux [lm]	System power [W]	dimm-able
Basic luminaire for lampshade attachment						**Price Category 21**
Toledo Flatliner 369, pendant length LP 2000 mm						
901635.002	D 331, H 96	LED	830	1750	22	on/off
901635.002.76	D 331, H 98	LED	830	1750	22	DALI
901635.002.1	D 331, H 96	LED	840	1950	22	on/off
901635.002.1.76	D 331, H 98	LED	840	1950	22	DALI

Indication of luminaire flux when using the white fabric lampshade.

Comparison LED vs. conventional lamps

LED 22 W ≈
2 x 26 W TC-D (68 W Psys)

Chintz lampshades			Price Category 21
Toledo Flatliner 369			
Height of the fabric lampshade 120 mm			
982496.002	D 369, H 120	Cylinder shape	
982500.002	L 369, B 369, H 120	Cuboid shape	
Height of the fabric lampshade 300 mm			
982302.002	D 369, H 300	Cylinder shape	
982312.002	L 369, B 369, H 300	Cuboid shape	

Satin finish plastic diffuser (optional)			Price Category 21
Can be installed on the decorative element without any tools			
982307.002	D 367, H 5	Accessories for Toledo Flatliner 369 cylinder shape	
982317.002	L 367, B 367, H 5	Accessories for Toledo Flatliner 369 cuboid shape	

Diffusers with Chintz fabric in all colours on request.

Colour chart Chintz lampshades		Price Category 21
W06630	Chintz lampshades are available in more than 70 different colours	

Colour chart with more than 70 colors page 49

TOLEDO FLATLINER

Chintz lampshades are available in more than 70 different colours

Reference number: W06630

TOLEDO FLATLINER

Colour options of the chintz lampshades

Please include the colour code in your order.

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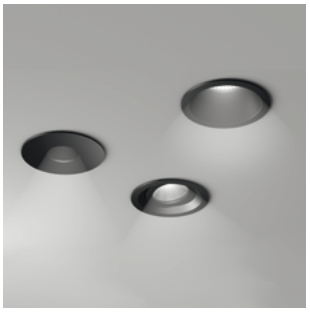
FURTHER LUMINAIRES, MATCHING THIS SERIES:

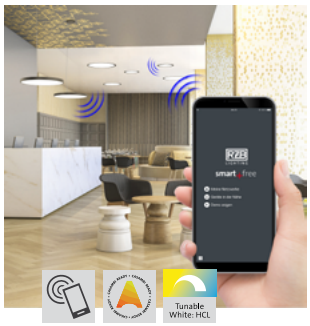
⊕ Heledon



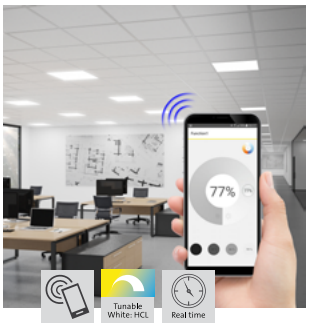
⊕ Levido | Levido Swing

⊕ Flat Slim

⊕ Flat Slim +



⊕ smart+free Bluetooth®



⊕ light control +[3] Economy Bluetooth®

⊕ light control +[3] Professional Control

HIGHEST PRODUCT AND CONSULTING QUALITY

⊕ RELIABILITY

We are your reliable partner. From the first idea to the implementation and far beyond, we accompany your project. Personally, passionately and individually. Thanks to our excellent expertise, top product quality and services such as lighting design, economic efficiency analysis and commissioning, we meet the high demands of all parties involved in the planning process.

✓ availability of BIM files

✓ easy and quick installation

✓ quality and long warranty

⊕ WARRANTY

The creation of high quality lighting solutions is our passion. Our products are developed and manufactured with the utmost care.

In addition to SMART TECHNOLOGY and EXCELLENT DESIGN, we are dedicated to manufacture luminaires of highest quality throughout the entire value chain through to After Sales Service.

Because of this, we confidently grant you a 5 years warranty on LED luminaires and 2 years warranty on emergency luminaires with effect of the date of invoice without prior registration of your project.

Warranty terms to be found under
rzb.de/en/service/led-luminaire-warranty

KATP229EN
06.2021

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