



ZUMTOBEL

MELLOW LIGHT IV

Recessed and surface-mounted luminaire

Soft, vivid and reflection-free light: the daylight's double is getting even closer to its role model. Now also available as LED luminaire.



[linked](#)

All order numbers in the PDF are linked to the Zumtobel online catalogue.



Daylight is characterised by a high level of uniformity, which we perceive as natural and beautiful. That is why people feel exceptionally well in rooms that are lit according to these specifications. MELLOW LIGHT stands for a concept inspired by daylight. The room is immersed in natural, pleasant and unobtrusively bright light – with sufficient shadow detail and contrast rendering. The direct/indirect light typical of the luminaire's fourth generation is produced in closed lighting chambers, reflections are eliminated through a variety of optics. The new LED luminaire combines these tried-and-tested qualities with maximum energy efficiency and a long, maintenance-free service life.





The fourth generation

Minimalist look and reduced dimensions



Studio & Partners www.studioandpartners.com

When designing MELLOW LIGHT IV, the main objective for the team at Studio & Partners was to optimise lighting quality, yet to modernise the design appearance of the luminaire to harmonise with contemporary architecture. The luminaire unit has been reduced to translucent, almost immaterial lighting wings, thus putting the room and its architectural features to the fore. The innovative lighting chamber concept is responsible for the luminaire unit's low-profile look. This makes MELLOW LIGHT IV appear almost two-dimensional, meeting the requirements of modern office architecture for a minimalist look and reduced dimensions.



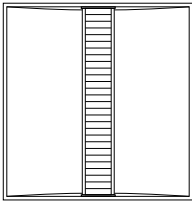
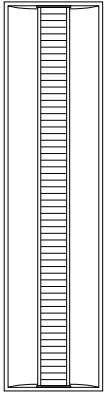
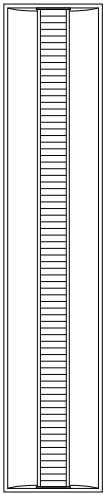
MELLOW LIGHT IV

Product range overview

Flexibility thanks to large choice of models Thanks to the introduction of the new LED models, MELLOW LIGHT IV is now a very extensive generation of daylight-based luminaires. Both the square traditional models and the slim linear versions are available as recessed and surface-mounted luminaires. The amount of light ranges from nearly 2400 lm to over 4000 lm. Thanks to high light output ratios, the twin objectives of as few luminaires as possible and maximum possible lighting efficiency can both be met. The LED models, too, are available with two light colour options: warm 3000 K and intermediate 4000 K, available in two lumen packages. The LED luminaires are DALI-dimmable, the traditional fluorescent lamp models are also available in a switchable version.



MELLOW LIGHT IV bears the label for especially resource-friendly products. For more information on eco+, please visit zumtobel.com/eco

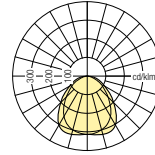
		Recessed and surface-mounted luminaire square	Recessed and surface-mounted luminaire Linear	Surface-mounted luminaire Linear
M 600 recessed luminaire				
	598 x 598		1198 x 298	
recessed luminaire	623 x 623		1248 x 310	1548 x 310
Surface-mounted luminaire	606 x 606		1230 x 320	1530 x 320

LED	Micro-prismatic optic	Recessed	3800lm	4200lm	-
			4000lm	4200lm	-
	Surface-mounted	3400lm	-	-	
		3400lm	-	-	
Controller optic	Recessed	2600lm	2800lm	-	
		2800lm	2800lm	-	
	Surface-mounted	3200lm	-	-	
		3200lm	-	-	
T16	Micro-prismatic optic	Recessed	3000lm	3200lm	-
			3000lm	3200lm	-
	Surface-mounted	-	3400lm	4600lm	
		-	-	-	
Controller optic	Recessed	2400lm	3800lm	-	
		2400lm	3800lm	-	
	Surface-mounted	-	4200lm	4200lm	
		-	-	-	
Louvre optic	Recessed	2800lm	6200lm	-	
		2800lm	6200lm	-	
	Surface-mounted	-	6600lm	6400lm	
		-	-	-	
TCL	Micro-prismatic optic	Recessed	3600lm	-	-
			3600lm	-	-
	Surface-mounted	-	-	-	
		-	-	-	
Controller optic	Recessed	2800lm	-	-	
		2800lm	-	-	
	Surface-mounted	-	-	-	
		-	-	-	
Louvre optic	Recessed	3400lm	-	-	
		3400lm	-	-	
	Surface-mounted	-	-	-	
		-	-	-	

Various optics

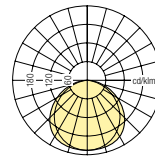
For recessed and surface-mounted luminaires

T16/TCL



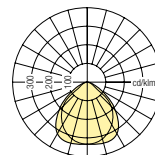
Micro-prismatic optic with cross pattern

- Maximum energy efficiency
- Gentle, ergonomically beneficial light
- Light source is hidden from direct view
- Ideal for upright and inclined displays (luminance reduced at all angles of view)
- Free arrangement in the room, without taking position of workstation into account (demonstrated by TU Ilmenau research)



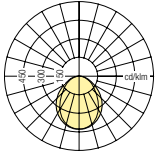
Slotted sheet steel controller optic

- Contemporary look with a focus on design
- Gentle, ergonomically beneficial light
- Light source is hidden from direct view
- Ideal for upright and inclined displays (luminance reduced at all angles of view)
- Free arrangement in the room, without taking position of workstation into account (demonstrated by TU Ilmenau research)



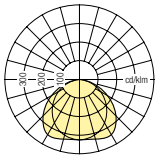
Louvre optic

- Tried-and-tested, efficient traditional luminaire in conformity with relevant standards
- Gentle lighting effects typical of MELLOW LIGHT
- Glare control for upright displays meets specifications of EN12464 (with or without extra filter, depending on luminaire model)



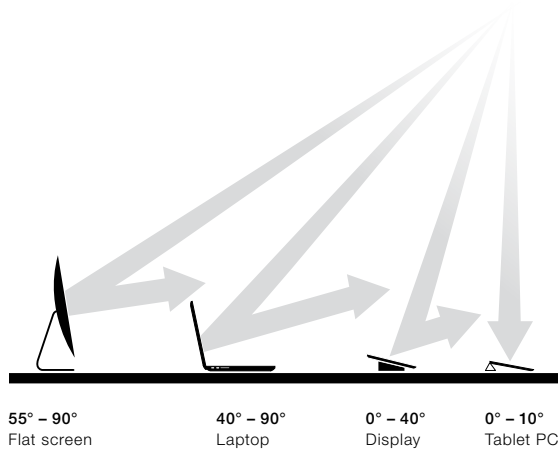
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Lighting of indoor workplaces

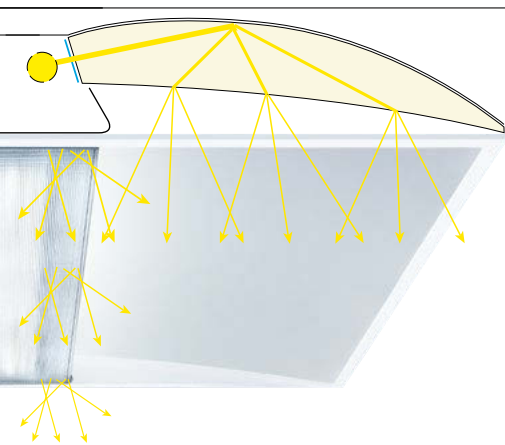
In the EN12464 standard, luminance limits are specified in order to reduce direct glare and glare from reflections on screens. In this context, specifications mainly refer to upright displays. By now, modern displays can be made glare-free to an extent that even luminance levels higher than specified by the standard do not produce irritating reflections. The situation is completely different for steeply inclined displays.

Especially for luminaires arranged directly above workstations, glare control is required at steep angles. Perfect glare control is ensured by the MELLOW LIGHT IV optics that hide the light sources from view all around.

MELLOW LIGHT IV

T16 lighting technology

With MELLOW LIGHT IV, you see only the light, and not the light source. Micro-prismatic, slotted sheet steel and controller optics protect the eye against direct view into the light source from all angles. Lighting that brightens up ceilings, walls and task areas in equal measure is subjectively perceived as more powerful than for instance purely direct lighting of comparable illuminance levels. Yet another innovative step was taken in the fourth generation of MELLOW LIGHT by applying the closed lighting chamber principle. The light is injected into the chambers laterally, scattered by the reflector and emitted to produce an opal effect. This lighting chamber concept also allows an unusually low mounting depth.



T16/TCL

T16 and **compact fluorescent lamps** are characterised by high luminous efficiency levels.

Their characteristic, visibly bright lighting effect is produced in the **lighting chamber** by a high degree of scattering.

Optics hide the light source from view, only the light is visible.



MELLOW LIGHT IV

LED lighting technology

Even efficient LED technology makes use of the tried-and-tested stylistic idiom of a reduced luminaire unit with translucent, almost immaterial lighting wings. Zumtobel has incorporated lighting know-how from the MELLOW LIGHT V LED luminaire range into the MELLOW LIGHT IV range. The light emitting diodes have been fitted inside the luminaire unit and ensure uniform lighting at the workstation. With a luminaire efficiency factor of up to 104 lm/W and very low maintenance efforts, MELLOW LIGHT IV delivers the right arguments for switching to LED technology.

An innovative **high-performance reflector** made of micro-cellular plastic covers nearly the entire inner surface. A reflection factor of 99% ensures that absolutely no light is lost inside the luminaire.

104 lm/W

LED

The **LED light source** has a service life of 50,000 hours at 75% residual luminous flux.

The LED light points are resolved perfectly by the **primary optic**.

Micro-prismatic and slotted sheet steel controller optics protect the eye against direct view into the light source from all angles.



MELLOW LIGHT IV

Surface-mounted luminaire featuring LED lighting technology

LED technology has now also found its way into the fourth generation of this surface-mounted luminaire. The square version with its pared-down luminaire unit and translucent, almost dematerialised lighting wings is fascinating. LED technology introduces an exciting, yet restrained effect to rooms and architectural structures. The LED module integrated along the centre line of the luminaire unit, combined with MPO+ micropyramidal optic and diffuser optic, provides for a pleasant lighting situation.



86 lm/W

LED

The exchangeable **LED module** in a warm or intermediate light colour has a service life of 50,000 hours at 75 % residual luminous flux.

The luminaire unit has been reduced to translucent, almost immaterial **lighting wings**.

Micro-prismatic and slotted sheet steel diffuser optics protect the eye against direct view into the LED light source from all angles.



Light for offices and communication

Frastanz electric utilities, Frastanz | AT

Architects: DI Walter Müller, Frastanz | AT

Lighting design: Frastanz electric utilities, Frastanz | AT

Lighting solution: MELLOW LIGHT IV, T16 linear surface-mounted luminaires



St. Franziskus residential care home, Marsberg | DE

Architects: Breithaupt Architekten, Salzkotten | DE

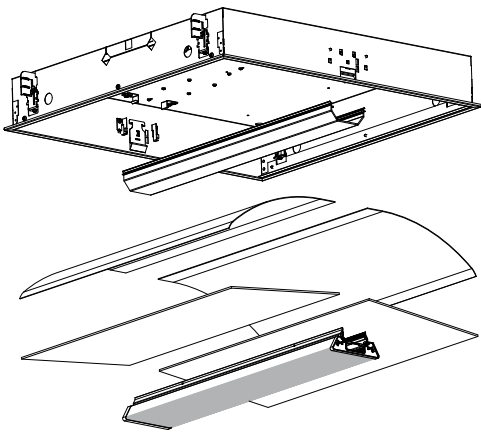
Lighting solution: MELLOW LIGHT IV, T16 square recessed luminaires



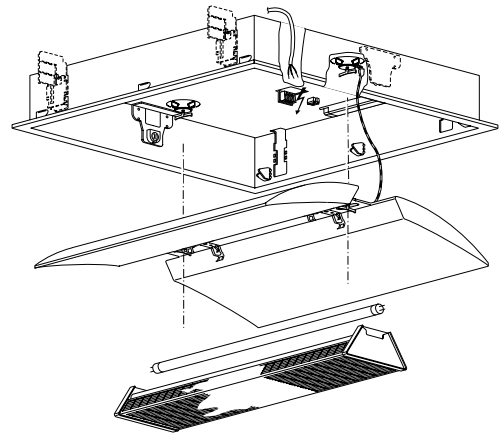
Installation of MELLOW LIGHT IV

Easy to install, easy to maintain

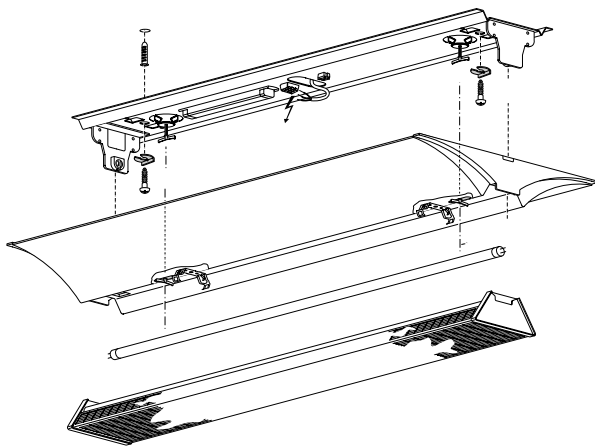
Recessed luminaire



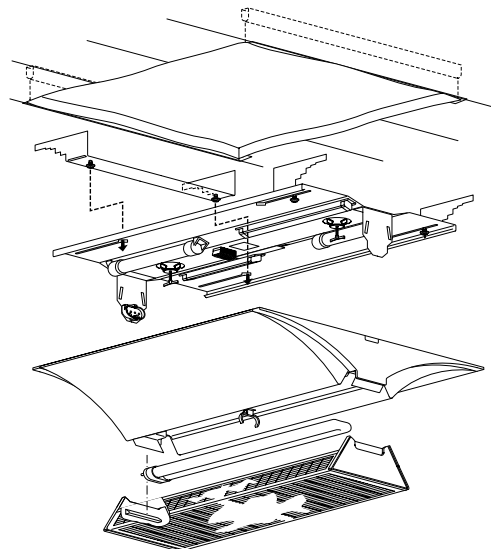
Lay-in luminaire



Surface-mounted luminaire



Surface-mounted luminaire for suspended ceilings

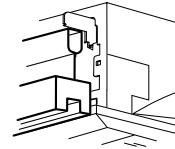


In order to brighten up the ceiling even more, the square recessed version of the MELLOW LIGHT IV luminaire can be integrated into a suspended ceiling by means of accessories and installed as a recessed luminaire.

When developing the MELLOW LIGHT product range, we put a special focus on the needs of electrical installers and service engineers: the luminaire is quick and easy to install and maintenance is made easier, either because of straightforward relamping in case of conventional light sources or due to the LEDs long service life.

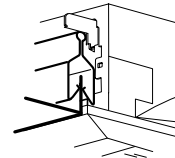
Flexible integration into the ceiling

The way a luminaire is integrated into a ceiling system plays a major role in every interior. The flexibility of MELLOW LIGHT IV and the luminaire's straightforward installation into a variety of ceiling systems were decisive factors for the success of the product range.



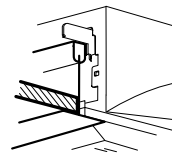
SAS Alugrid 15/16 600 x 600

The Alugrid-Q system features completely flush tiles and a continuous threaded recess. When combined with MELLOW LIGHT IV, the ceiling appearance is particularly neat.



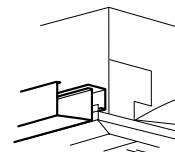
Sprung T Omega system

In typical Sprung T Omega concealed ceiling systems, MELLOW LIGHT IV replaces a tile, giving a tight butt finish to the adjacent angular/bevelled-edge tile.



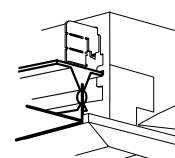
Standard lay-in systems

MELLOW LIGHT IV integrates well with lay-in T systems. Optionally, the luminaire can be pulled up to the underside to achieve a straightforward effect revealing the finished edges, or it can be flush-mounted.



SAS 330 1200 x 300

Whether in linear or tartan grid format, MELLOW LIGHT IV can be integrated superbly into the SAS 330 system for a completely flush appearance (using either end or side supports).



Sprung T Burgess

MELLOW LIGHT IV versions specifically designed for Sprung T Burgess ceilings have reduced body dimensions to avoid wide main bearers, while still retaining a neat flush appearance and working well with both angular and bevelled-edge tiles.

Refurbishment of a team office

MELLOW LIGHT IV LED compared with conventional louvre luminaires



Although slightly higher investment costs have to be factored in for MELLOW LIGHT IV LED initially, refurbishing an existing lighting system incorporating louvre luminaires pays for itself after just 4 years. This is explained by its low energy and maintenance costs. Additional efficiency can be obtained by using a lighting control system such as LITECOM. Presence detectors and daylight sensors effectively reduce the need for artificial lighting and improve convenience at the same time. With average energy consumption of only 9 kWh per year, MELLOW LIGHT IV LED is recommended for buildings where sustainability certification is required.

Underlying conditions

Conventional T26 luminaires

15 T26 louvre luminaires, each 4 x 18 W

Luminous flux of luminaires: 3024 lm

Luminous efficiency of luminaires: 34 lm/W

LED luminaires

15 recessed MELLOW LIGHT IV LED 37 W luminaires

Luminous flux of luminaires: 3780 lm

Luminous efficiency of luminaires: 102 lm / W

Lighting management system

LITECOM with daylight-based control

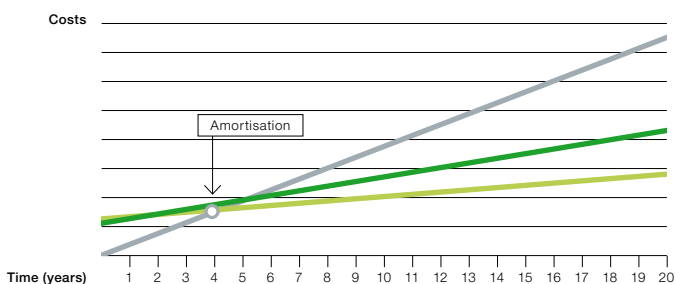
and presence-based control. zumtobel.com/litecom

Calculation period

20 years

All calculations are based on an annual increase in energy and operating costs of 5 %.

Amortisation of costs



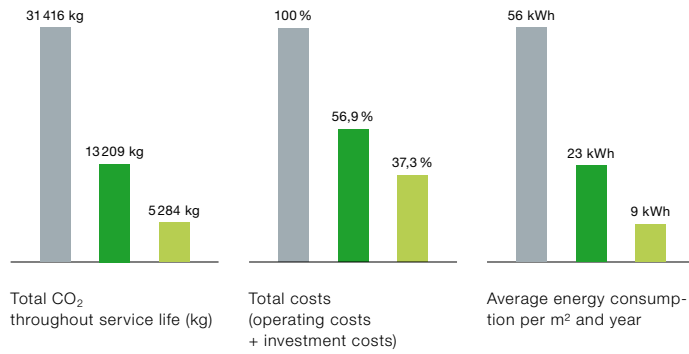
■ Compared with 4 x 18 W T26 louvre luminaires

■ MELLOW LIGHT IV

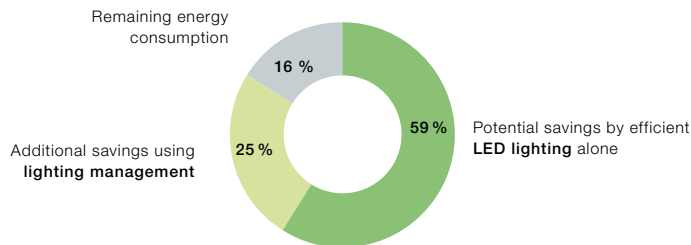
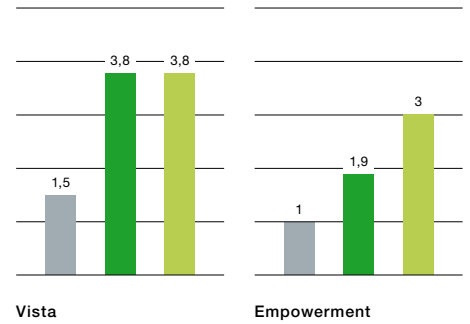
■ MELLOW LIGHT IV + lighting management



Energy consumption and costs:



Lighting quality:

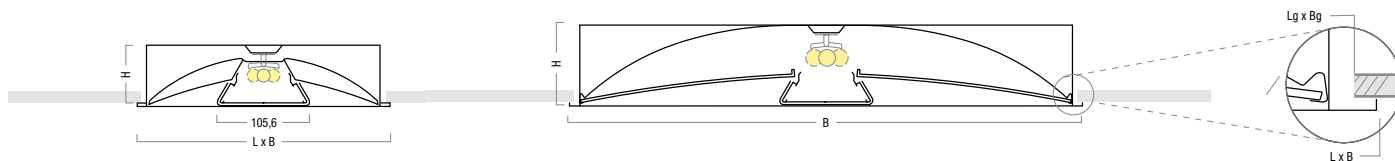


- Compared with 4 x 18 W T26 louvre luminaires
- MELLOW LIGHT IV
- MELLOW LIGHT IV + lighting management

ecocalc

A comparative calculation was made using ecoCALC. zumtobel.com/ecocalc

Dimensions MELLOW LIGHT IV



Calculating the size of the sawn cut-out: Length/width of the ceiling cut-out = luminaire length/width - 10 mm

Module 625	L	B	H	Lg	Bg	Module 600	L	B	H	Lg	Bg
24 W T16	623	623	102	613	613	24 W T16	598	598	102	588	588
28 W T16	1248	310	76	1238	300	28 W T16	1198	298	76	1188	288
54 W T16	1248	310	76	1238	300	54 W T16	1198	298	76	1188	288
55 W TC-L	623	623	102	613	613	55 W TC-L	598	598	102	588	588
2/40 W TC-L	623	623	102	613	613	2/40 W TC-L	598	598	102	588	588
LED Q	623	623	102	613	613	LED Q	598	598	102	588	588
LED L	1248	310	76	1238	300	LED L	1198	298	76	1188	288

[...] Shared properties MELLOW LIGHT IV

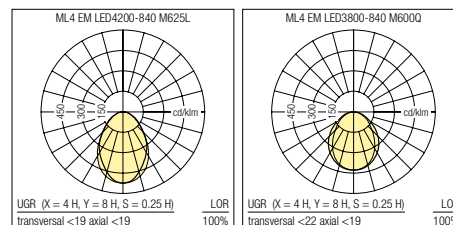
- LED ceiling-recessed luminaire for general and task area lighting
- Recessed housing made of sheet steel with die-cast structure
- Colour temperature 4000 K (NW: neutral white), 3000 K (WW: warm white) optional
- Colour rendering index CRI Ra > 80 for office applications
- LED service life: 50 000 h before luminous flux is reduced to 90 % of the initial value
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- Lighting chamber made of high-purity PMMA diffuser pearl material
- Suitable for glare control for upright and tilted displays
- Luminaire pre-wired using halogen-free leads
- Mounting kit is needed for concealed carrier systems and sawn cut-outs
- "Dimmable DALI" luminaires are fitted with a DALI-controllable electronic ballast

MELLOW LIGHT IV LED EM optic microprisms



- [...]
- Optic fastened without use of tools
- Microprismatic optic with precise patterning for directional light distribution with all-round glare control for maximum efficiencies

	L/W/H	kg	Order no.
Dimmable for module 600			
LED2800-830 Q	598/598/102		<i>dimmable Dali only</i> 42 182 945
LED3000-830 L	1198/298/76	6,9	42 182 953
LED3000-840 Q	598/598/102	6,4	42 182 845
LED3200-840 L	1198/298/76	6,8	42 182 853
LED3600-830 Q	598/598/102	5,6	42 182 949
LED3800-830 L	1198/298/76	5,1	42 182 957
LED3800-840 Q	598/598/102	5,6	42 182 847
LED4200-840 L	1198/298/76	6,8	42 182 855
Dimmable for module 625			
LED2800-830 Q	623/623/102		42 182 947
LED3000-830 L	1248/310/76		42 182 955
LED3200-840 L	1248/310/76		42 182 854
LED3200-840 Q	623/623/102		42 182 846
LED3800-830 L	1248/310/76	5,6	42 182 959
LED3800-830 Q	623/623/102	5,8	42 182 951
LED4000-840 Q	623/623/102	5,7	42 182 848
LED4200-840 L	1248/310/76		42 182 856

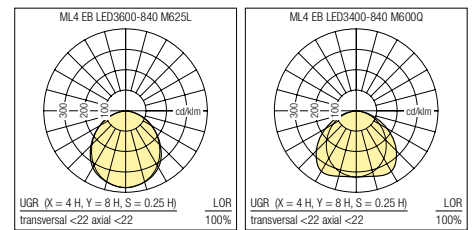


MELLOW LIGHT IV LED EB optic diffuser



- [...]
 - Polycarbonate trim, painted finish
 - Diffuser optic with slotted metal sheet for all-round glare control
 - EN12464 compliant with UGR < 19 (please order filter separately)
 - Optic fixed without using any tools, and protected against dirt collection

	L/W/H	kg	Order no.
Dimmable for module 600			
			<i>dimnable Dali only</i>
LED2400-830 Q	598/598/102	4,4	42 182 944
LED2600-830 L	1198/298/76		42 182 952
LED2600-840 Q	598/598/102	5,4	42 182 841
LED2800-840 L	1198/298/76	6,1	42 182 849
LED3200-830 Q	598/598/102	5,5	42 182 948
LED3400-830 L	1198/298/76		42 182 956
LED3400-840 Q	598/598/102	5,4	42 182 843
LED3600-840 L	1198/298/76	6,4	42 182 851
Dimmable for module 625			
			<i>dimnable Dali only</i>
LED2600-830 L	1248/310/76		42 182 954
LED2600-830 Q	623/623/102	5,8	42 182 946
LED2800-840 L	1248/310/76		42 182 850
LED2800-840 Q	623/623/102	5,7	42 182 842
LED3200-830 Q	623/623/102	5,7	42 182 950
LED3400-830 L	1248/310/76		42 182 958
LED3600-840 L	1248/310/76	6,4	42 182 852
LED3600-840 Q	623/623/102	5,8	42 182 844



[...] Shared properties MELLOW LIGHT IV

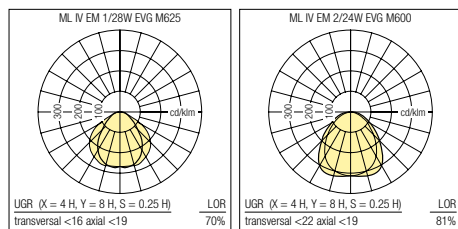
- Recessed housing made of sheet steel with die-cast structure
- Lighting chamber made of high-purity PMMA diffuser pearl material
- Luminaire pre-wired using halogen-free leads
- Mounting kit is needed for concealed carrier systems and sawn cut-outs
- “Dimmable DALI” luminaires are fitted with a DALI-controllable electronic ballast
- LINECT®-compatible connecting terminal is optionally available

MELLOW LIGHT IV T16/TC-L EM optic microprismatic



- [...]
- Optic fastened without use of tools
- Microprismatic optic with precise patterning for directional light distribution with all-round glare control for maximum efficiencies
- Suitable for glare control for upright and tilted displays

	L/W/H	kg	Order no.
Dimmable for module 600			
<i>dimmmable Dali</i>			
1/28 W T16 <i>eco*</i>	1198/298/76	7,8	42 174 735
1/54 W T16 <i>eco*</i>	1198/298/76	7,8	42 174 748
1/55 W TC-L <i>eco*</i>	598/598/102	7,4	42 174 789
2/24 W T16 <i>eco*</i>	598/598/102	7,4	42 174 798
2/28 W T16 <i>eco*</i>	1198/298/76	7,8	42 174 754
2/40 W TC-L	598/598/102	7,4	42 174 814
Electronic ballast for module 600			
<i>electronic</i>			
1/28 W T16 <i>eco*</i>	1198/298/76	7,8	42 075 803
1/54 W T16	1198/298/76	7,8	42 075 812
1/55 W TC-L	598/598/102	7,4	42 075 840
2/24 W T16	598/598/102	7,4	42 174 795
2/28 W T16	1198/298/76	7,8	42 075 828
2/40 W TC-L	598/598/102	7,4	42 174 811
Dimmable for module 600, PMMA version (TPB) and optimized photometric performance			
<i>dimmmable Dali</i>			
1/40 W TC-L <i>eco*</i>	598/598/102	6,3	42 177 556
1/55 W TC-L <i>eco*</i>	598/598/102	7,4	42 176 281
for module 600, version PMMA (TPB) and optimized photometric performance			
<i>electronic</i>			
1/40 W TC-L <i>eco*</i>	598/598/102	7,4	42 177 539
1/55 W TC-L <i>eco*</i>	598/598/102	7,4	42 176 280
Dimmable for module 625			
<i>dimmmable Dali</i>			
1/28 W T16 <i>eco*</i>	1248/310/76	7,9	42 174 737
1/54 W T16 <i>eco*</i>	1248/310/76	7,9	42 174 751
1/55 W TC-L <i>eco*</i>	623/623/102	7,7	42 174 792
2/24 W T16 <i>eco*</i>	623/623/102	7,7	42 174 801
2/28 W T16 <i>eco*</i>	1248/310/76	7,9	42 174 757
2/40 W TC-L	623/623/102	7,7	42 174 817
Electronic ballast for module 625			
<i>electronic</i>			
1/28 W T16 <i>eco*</i>	1248/310/76	7,9	42 075 614
1/54 W T16	1248/310/76	7,9	42 075 620
1/55 W TC-L	623/623/102	7,7	42 075 699
2/24 W T16 <i>eco*</i>	623/623/102	7,7	42 174 800
2/28 W T16	1248/310/76	7,9	42 075 658
2/40 W TC-L	623/623/102	7,7	42 174 816

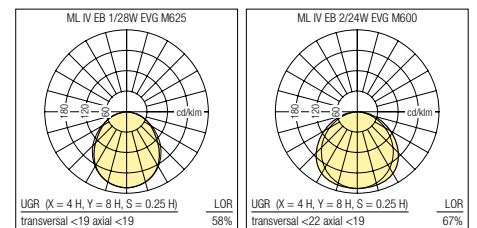


MELLOW LIGHT IV T16/TC-L recessed, grid-mesh controller



- [...]
 - Polycarbonate trim, painted finish
 - Diffuser optic with slotted metal sheet for all-round glare control
 - Suitable for glare control for upright and tilted displays
 - EN12464 compliant with UGR < 19 (please order filter separately)
 - Optic fixed without using any tools, and protected against dirt collection

	L/W/H	kg	Order no.
Dimmable for module 600			
<i>dimnable Dali</i>			
1/55 W TC-L	598/598/102	6,3	42 106 221
2/24 W T16	598/598/102	6,3	42 106 225
2/28 W T16	1198/298/76	6,7	42 157 393
2/40 W TC-L	598/598/102	6,3	42 106 237
2/54 W T16	1198/298/76	6,7	42 157 405
Electronic ballast for module 600			
<i>electronic</i>			
1/55 W TC-L	598/598/102	6,3	42 106 220
2/24 W T16	598/598/102	6,3	42 106 224
2/28 W T16	1198/298/76	6,7	42 157 392
2/40 W TC-L	598/598/102	6,3	42 106 236
2/54 W T16	1198/298/76	6,7	42 157 404
Dimmable for module 600, PMMA version (TPB) and optimized photometric performance			
<i>dimnable Dali</i>			
1/40 W TC-L <i>eco*</i>	598/598/102	6,6	42 177 555
1/55 W TC-L <i>eco*</i>	598/598/102	6,4	42 174 893
for module 600, version PMMA (TPB) and optimized photometric performance			
<i>electronic</i>			
1/40 W TC-L	598/598/102	6,3	42 177 538
1/55 W TC-L	598/598/102	6,4	42 174 892
Dimmable for module 625			
<i>dimnable Dali</i>			
1/55 W TC-L	623/623/102	6,8	42 106 223
2/24 W T16	623/623/102	6,6	42 106 227
2/28 W T16	1248/310/76	7,0	42 157 395
2/40 W TC-L	623/623/102	6,6	42 106 239
2/54 W T16	1248/310/76	7,0	42 157 407
Electronic ballast for module 625			
<i>electronic</i>			
1/55 W TC-L	623/623/102	6,8	42 106 222
2/24 W T16	623/623/102	6,6	42 106 226
2/28 W T16	1248/310/76	7,0	42 157 394
2/40 W TC-L	623/623/102	6,6	42 106 238
2/54 W T16	1248/310/76	7,0	42 157 406



Recessed with wraparound optic	Steeply inclined screens, all-round glare control	Normally inclined screens	Circulation areas	Circulation areas
	UGR 19	L<1000 cd/m ² UGR 19	UGR<22	UGR<25
ML4 EB 1/28 T16	•	-	•	•
ML4 EB 1/35 T16	•	-	•	•
ML4 EB 1/49 T16	•	-	•	•
ML4 EB 1/54 T16	•	-	•	•
ML4 EB 1/55 TC-L	F	-	•	•
ML4 EB 2/24 T16	F	-	•	•
ML4 EB 2/28 T16	•	-	•	•
ML4 EB 2/35 T16	•	-	•	•
ML4 EB 2/40 TC-L	F	-	•	•
ML4 EB 2/49 T16	•	-	•	•
ML4 EB 2/54 T16	•	-	•	•

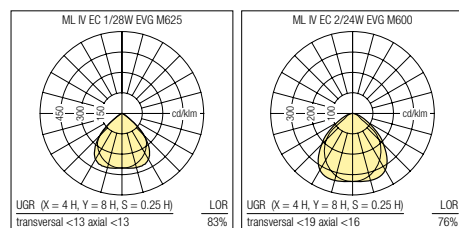
• recommended F recommended with filter - not recommended

MELLOW LIGHT IV T16/TC-L Synto louvre optic



- [...]
 - Optic fastened without use of tools
 - Synto louvre optic made of highest-grade aluminium in matt finish
 - With reduction filter (please order separately) for glare limitation <math>< 1000 \text{ cd/m}^2</math> at 65° all-round and UGR <math>< 19</math> according to EN 12464
 - Ideal glare control for upright screens
 - TC-L and 2 x 24/49/54 W T16 luminaires only suitable for office use when fitted with reduction filter

	L/W/H	kg	Order no.
Dimmable for module 600			
			<i>dimmmable Dali</i>
1/55 W TC-L	598/598/102	6,3	42 106 229
2/24 W T16	598/598/102	6,3	42 106 233
2/28 W T16 eco*	1198/298/76	5,9	42 157 433
2/40 W TC-L	598/598/102	6,3	42 106 241
2/54 W T16	1198/298/76	5,9	42 157 445
Electronic ballast for module 600			
			<i>electronic</i>
1/55 W TC-L	598/598/102	6,3	42 106 228
2/24 W T16	598/598/102	6,3	42 106 232
2/28 W T16	1198/298/76	5,9	42 157 432
2/40 W TC-L	598/598/102	6,3	42 106 240
2/54 W T16	1198/298/76	5,9	42 157 444
Dimmable for module 625			
			<i>dimmmable Dali</i>
1/55 W TC-L	623/623/102	6,6	42 106 231
2/24 W T16	623/623/102	6,6	42 106 235
2/28 W T16 eco*	1248/310/76	6,3	42 157 435
2/40 W TC-L	623/623/102	6,6	42 106 243
2/54 W T16	1248/310/76	6,3	42 157 447
Electronic ballast for module 625			
			<i>electronic</i>
1/55 W TC-L	623/623/102	6,6	42 106 230
2/24 W T16	623/623/102	6,6	42 106 234
2/28 W T16	1248/310/76	6,3	42 157 434
2/40 W TC-L	623/623/102	6,6	42 106 242
2/54 W T16	1248/310/76	6,3	42 157 446



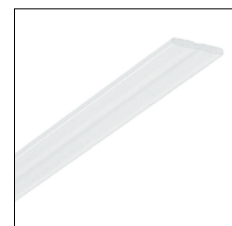
Recessed with louvre optic	Steeply inclined screens, all-round glare control	Normally inclined screens	Circulation areas	Circulation areas
	UGR 19	L<math>< 1000 \text{ cd/m}^2</math> UGR 19	UGR<math>< 22</math>	UGR<math>< 25</math>
ML4 EC 1/28 T16	-	•	•	•
ML4 EC 1/35 T16	-	•	•	•
ML4 EC 1/49 T16	-	•	•	•
ML4 EC 1/54 T16	-	•	•	•
ML4 EC 1/55 TC-L	-	F	•	•
ML4 EC 2/24 T16	-	F	•	•
ML4 EC 2/28 T16	-	•	•	•
ML4 EC 2/35 T16	-	•	•	•
ML4 EC 2/40 TC-L	-	-	•	•
ML4 EC 2/49 T16	-	F	•	•
ML4 EC 2/54 T16	-	F	•	•

• recommended F recommended with filter - not recommended

MELLOW LIGHT IV accessories

- Do not use filter with EM version

	Order no.
Reduction filters (pair)	
ML4 A 1000 cd 28/54	22 157 448
ML4 A 1000 cd 35/49	22 157 449
ML4 B 1000 cd 545	22 162 273
Accessory	
Ceiling fixing kit	22 062 229
PMMA OPTICS Cleaning kit	22 166 921



[...] Shared properties Mellow light IV

- Surface-mounted housing made of sheet steel with die-cast texture
- Lighting chamber made of high-purity PMMA diffuser pearl material
- High luminaire efficiency of up to 88 lm/W
- Colour temperature 4000 K (neutral white) and 3000 K (warm white)
- Colour rendering index CRI Ra > 80 for office applications
- Chromaticity tolerance between multiple luminaires of up to 3 MacAdam ellipses
- LED service life: 50000 h before luminous flux is reduced to 90 % of the initial value
- Luminaire pre-wired using halogen-free leads

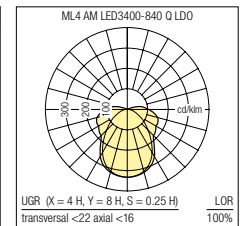
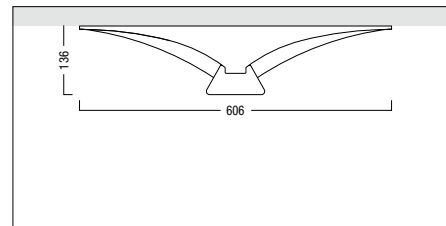
MELLOW LIGHT IV LED AM optic microprismatic



- [...]
- Optic fastened without use of tools
- Microprismatic optic with precise patterning for directional light distribution with all-round glare control for maximum efficiencies
- Suitable for glare control for upright and tilted displays

Luminaires with electronic ballast

	L/W/H	kg	Order no.
LED3400-830 Q	606/606/136	5,9	42 183 596
LED3400-840 Q dimmable Dali only	606/606/136	5,9	42 183 506



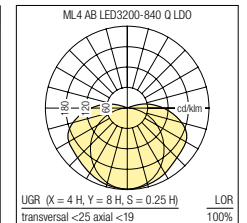
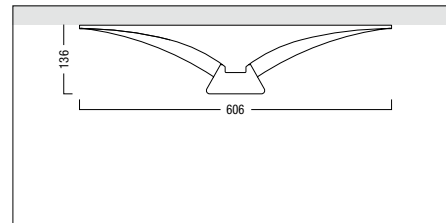
MELLOW LIGHT IV LED AB optic diffuser



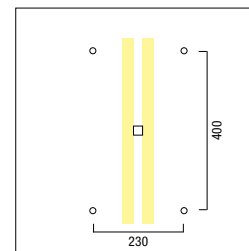
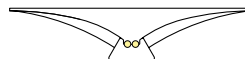
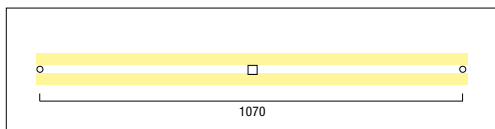
- [...]
- Diffuser optic with slotted metal sheet for all-round glare control
- Optic fixed without using any tools, and protected against dirt collection

Luminaires with electronic ballast

	L/W/H	kg	Order no.
LED3200-830 Q	606/606/136	5,9	42 183 595
LED3200-840 Q dimmable Dali only	606/606/136	5,9	42 183 505



Installation MELLOW LIGHT IV surface luminaires



- Possible feed-in point (luminaire)
- Installation points (ceiling)

[...] Shared properties Mellow light IV

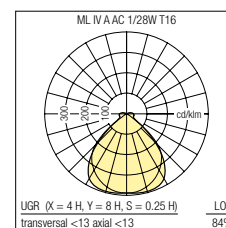
- Surface-mounted housing made of sheet steel with die-cast texture
- Luminaire pre-wired using halogen-free leads
- Lighting chamber made of high-purity PMMA diffuser pearl material
- “Dimmable DALI” luminaires are fitted with a DALI-controllable electronic ballast

MELLOW LIGHT IV T16 Synto louvre optic



- [...]
- Optic fastened without use of tools
- Synto louvre optic made of highest-grade aluminium in matt finish
- With reduction filter (please order separately) for glare limitation <math>< 1000 \text{ cd/m}^2</math> at 65° all-round and UGR <math>< 19</math> according to EN 12464
- Ideal glare control for upright screens
- TC-L 2/40 luminaires only suitable for use in corridors when fitted with reduction filter
- 2 x 28/35/49/54 W T16 luminaires only suitable for office use when fitted with reduction filter

	L/W/H	kg	Order no.
Dimmable luminaires			
			<i>dimmable Dali</i>
1/28 W T16 eco*	1230/320/103	5,7	42 157 353
1/35 W T16 eco*	1530/320/103	6,6	42 157 355
1/49 W T16 eco*	1530/320/103	6,6	42 174 585
1/54 W T16 eco*	1230/320/103	5,7	42 157 359
2/28 W T16 eco*	1230/320/103	5,7	42 157 361
2/35 W T16 eco*	1530/320/103	6,6	42 157 363
2/49 W T16 eco*	1530/320/103	6,6	42 174 586
2/54 W T16	1230/320/103	5,7	42 157 367
Luminaires with electronic ballast			
			<i>electronic</i>
1/28 W T16	1230/320/103	5,7	42 157 352
1/35 W T16	1530/320/103	6,6	42 157 354
1/49 W T16	1530/320/103	6,6	42 157 356
1/54 W T16	1230/320/103	5,7	42 157 358
2/28 W T16	1230/320/103	5,7	42 157 360
2/35 W T16	1530/320/103	6,6	42 157 362
2/49 W T16	1530/320/103	6,6	42 157 364
2/54 W T16	1230/320/103	5,7	42 157 366



Surface-mounted with louvre optic	Steeply inclined screens, all-round glare control UGR 19	Normally inclined screens L<math>< 1000 \text{ cd/m}^2</math> UGR 19	Circulation areas UGR<math>< 22</math>	Circulation areas UGR<math>< 25</math>
ML4 AC 1/49 T16	-	•	•	•
ML4 AC 1/54 T16	-	•	•	•
ML4 AC 2/28 T16	-	F	•	•
ML4 AC 2/35 T16	-	F	•	•
ML4 AC 2/49 T16	-	F	•	•
ML4 AC 2/54 T16	-	F	•	•

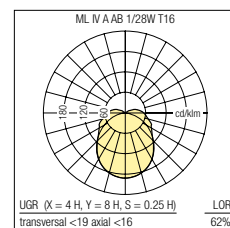
• recommended F recommended with filter - not recommended

MELLOW LIGHT IV T16 surface-mounted, grid-mesh controller



- [...]
 - Diffuser optic with slotted metal sheet for all-round glare control
 - EN12464 compliant with UGR < 19 (please order filter separately)
 - Suitable for glare control for upright and tilted displays
 - Optic fixed without using any tools, and protected against dirt collection
 - 2 x 24/54 W T16 luminaires only suitable for office use when fitted with reduction filter

	L/W/H	kg	Order no.
Dimmable luminaires			
<i>dimnable Dali</i>			
1/28 W T16 <i>eco*</i>	1230/320/103	6,1	42 157 337
1/35 W T16 <i>eco*</i>	1530/320/103	7,5	42 157 339
1/49 W T16 <i>eco*</i>	1530/320/103	7,5	42 174 583
1/54 W T16 <i>eco*</i>	1230/320/103	6,1	42 157 343
2/28 W T16	1230/320/103	6,1	42 157 345
2/35 W T16	1530/320/103	7,5	42 157 347
2/49 W T16	1530/320/103	7,5	42 174 584
2/54 W T16	1230/320/103	6,1	42 157 351
Luminaires with electronic ballast			
<i>electronic</i>			
1/28 W T16	1230/320/103	6,1	42 157 336
1/35 W T16	1530/320/103	7,5	42 157 338
1/49 W T16	1530/320/103	7,5	42 157 340
1/54 W T16	1230/320/103	6,1	42 157 342
2/28 W T16	1230/320/103	6,1	42 157 344
2/35 W T16	1530/320/103	7,5	42 157 346
2/49 W T16	1530/320/103	7,5	42 157 348
2/54 W T16	1230/320/103	6,1	42 157 350



MELLOW LIGHT IV accessories

- Do not use filter with AM version

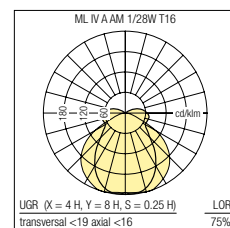
	Order no.
Reduction filters (pair)	
Filter 24/40/55	22 162 291
ML4 A 1000 cd 28/54	22 157 448
ML4 A 1000 cd 35/49	22 157 449
Connector	
ML 4 1 m connector	22 147 200
Mounting kit for suspended ceilings	
Mounting kit 24/40/55	22 161 409

MELLOW LIGHT IV T16 AM optic microprismatic



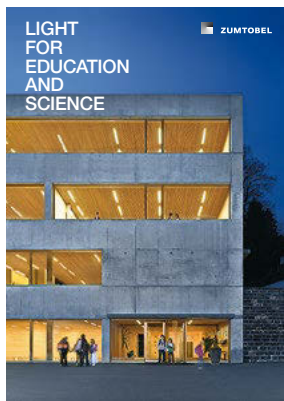
- [...]
 - Optic fastened without use of tools
 - Microprismatic optic with precise patterning for directional light distribution with all-round glare control for maximum efficiencies
 - Suitable for glare control for upright and tilted displays

	L/W/H	kg	Order no.
Dimmable luminaires			
<i>dimnable Dali</i>			
1/28 W T16 <i>eco*</i>	1230/320/103	7,4	42 174 719
1/35 W T16 <i>eco*</i>	1530/320/103	9,3	42 174 721
1/49 W T16 <i>eco*</i>	1530/320/103	9,3	42 174 723
1/54 W T16 <i>eco*</i>	1230/320/103	7,4	42 174 725
2/28 W T16 <i>eco*</i>	1230/320/103	7,4	42 174 727
2/35 W T16 <i>eco*</i>	1530/320/103	9,3	42 174 729
2/49 W T16 (PC)	1530/320/103	9,3	42 174 731
Luminaires with electronic ballast			
<i>electronic</i>			
1/28 W T16 <i>eco*</i>	1230/320/103	7,4	42 075 368
1/35 W T16 <i>eco*</i>	1530/320/103	9,3	42 075 396
1/49 W T16 <i>eco*</i>	1530/320/103	9,3	42 075 380
1/54 W T16	1230/320/103	7,4	42 075 374
2/28 W T16	1230/320/103	7,4	42 075 409
2/35 W T16	1530/320/103	9,3	42 075 424
2/49 W T16 (PC)	1530/320/103	9,3	42 076 991





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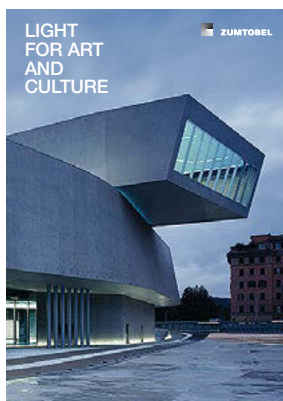
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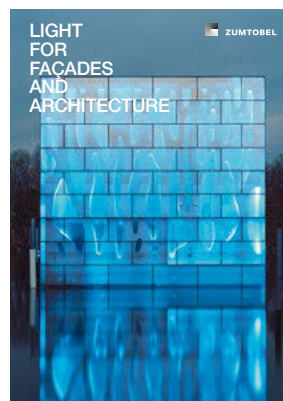
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zumtobel.com/facade

Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.

- Offices and Communication
- Education and Science
- Presentation and Retail
- Hotel and Wellness
- Art and Culture
- Health and Care
- Industry and Engineering
- Façades and Architecture

We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. Under the Humanergy Balance concept, we combine the best possible ergonomic lighting quality for an individual's well-being with the responsible use of energy resources. The company's own sales organisations in twenty countries, as well as commercial agencies in fifty other countries, form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

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In line with our corporate philosophy *"We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment"*, Zumtobel offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

zumtobel.com/sustainability



Top quality – with a five-year guarantee.
As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products subject to registration within 90 days from the invoice date and in accordance with the terms of guarantee at zumtobel.com/guarantee.

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 lightcentreuk@zumtobelgroup.com
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 Highland, NY 12528
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 F +1/(0)845/691 6289
 zli.us@zumtobel.com
 zumtobel.us



Downlights

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 North Sydney, NSW 2060
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 F +61/(2)8913 5001
 info@zumtobel.com.au
 zumtobel.com.au



Recessed luminaires



Surface-mounted and pendant luminaires

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 Shanghai office
 Room 101,
 No 192 YIHONG Technology Park
 Tianlin Road, Xuhui District
 Shanghai City, 200233, P.R. China
 T +86/(21) 6375 6262
 F +86/(21) 6375 6285
 sales.cn@zumtobel.com
 zumtobel.cn



Free-standing and wall-mounted luminaires

Hong Kong
 Zumtobel Lighting Hong Kong
 Unit 4301, Level 43,
 Tower 1, Metroplaza,
 223 Hing Fong Road,
 Kwai Chung, N.T.
 T +852/2578 4303
 F +852/2887 0247
 info.hk@zumtobel.com



Continuous-row systems and individual batten luminaires



High-bay luminaires and floodlight reflector systems

India
 Zumtobel Lighting GmbH
 Vipul Trade Centre, 406, 4th Floor
 Sohna Road, Sector 48,
 Gurgaon 122002, Haryana, India
 T +91/124 4206885 6886
 info.in@zumtobel.com



Luminaires with extra protection



Façade, media and outdoor luminaires

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 Zumtobel Lighting Singapore
 158 Kallang Way # 06-01/02
 Singapore 349245
 T +65 6844 5800
 F +65 6745 7707
 info.sg@zumtobel.com



Lighting management systems

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 Zumtobel Lighting GmbH
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 Dubai, United Arab Emirates
 T +971/4 3404646
 F +971/4 2993531
 info@zumtobel.ae
 zumtobel.ae



Emergency lighting



Medical supply systems

Romania
 Zumtobel Lighting Romania SRL
 Radu Greceanu Street, no.2,
 Ground Floor, sector 1
 012225 Bucharest
 T +40 31225 38 01
 F +40 31225 38 04
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 Vičie Hrdlo 1,
 824 12 Bratislava
 welcome@zumtobel.sk
 zumtobel.sk

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