

Luminaire series ABR ... T/TGI/ATB/ASB/AT/ATGI/ASTGI/PSB

Luminaire housing: White powder coated steel housing, fitted with fluorescent lamp T16, suitable for ceiling and pendant mounting. For wide light distribution with luminaire types ABR ... T/TGI/AT/PSB top mirror reflectors in matt anodised aluminium can be retrofitted.

Mounting: Pendant and ceiling mounting using suitable fixing kits. One-man installation using the provided slotted washers. Ball resistant pendant mounting of the 2, 3 and 4-lamp luminaires is only possible with 4-point fixing on two lengths of trunking.

Note regarding wiring:

Generally all lamps are wired to L1.

Electronic ballasts: 418 luminaires are operated with a single EVG. In 3-lamp luminaires, one outer and the central lamp are operated via a twin lamp EVG and the second outer lamp via a single lamp EVG. In 4-lamp luminaires, one outer and one central lamp are each operated via a twin lamp EVG. Other wiring arrangements are available on request.

Note "ball-resistant":

RIDI recessed luminaires with the sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting.

They comply with ball-resistant safety requirements according to DIN 18032, part 3 and are approved by the FMFA in Stuttgart on this basis.

ABR ... AT/ATGI/ASTGI, IP 20

AT: Not ball resistant to DIN 18032 Aluminium mirror louvre made of matt anodised super-purity aluminium with profiled, specular anodised cross vanes but only with tennis ball protection, without top reflector.

ATGI: As above, but with aluminium mirror louvre with galvanised wire protection grille for squash halls.

ASTGI: As above, but with asymmetric light distribution.

ABR ... ATB/ASB, IP 20

ATB: Ball resistant to DIN 18032. Aluminium mirror louvre made of matt anodised super-purity aluminium with profiled, specular anodised cross vanes.

ASB: As above, but with asymmetric light distribution.

ABR ... PSB, IP 40

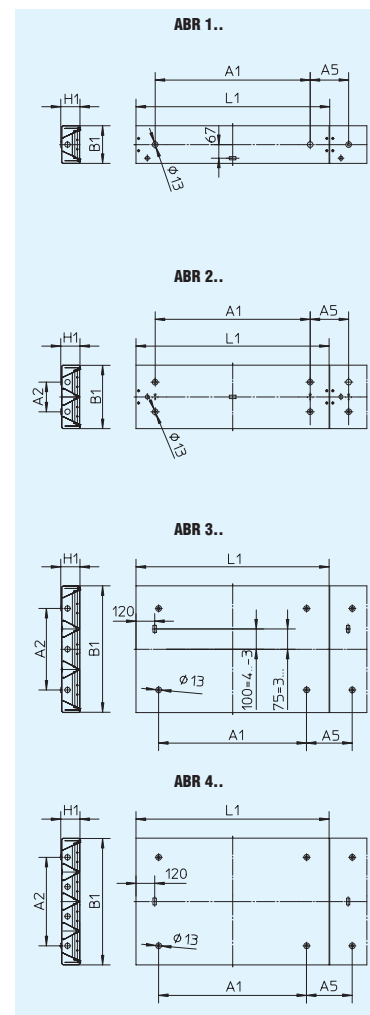
PSB: Ball resistant to DIN 18032. Frame made of aluminium profiles, impact-resistant acrylic prismatic panel.

ABR ... T, IP 20

Ball resistant to DIN 18032. White steel louvre with patented fastening catches. Reinforced with circular rods, tennis ball guard.

ABR ... TGI, IP 20

Not ball resistant to DIN 18032: White steel louvre, with patented fastening catches. With galvanised wire protective grille for use in squash courts.



Voltage: 230V/50Hz
 Protection class: IP 20/40
 Approvals:

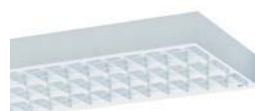
ABR ... AT/ATGI/ASTGI, IP 20

ABR ... ATB/ASB, IP 20

ABR ... PSB, IP 40

ABR ... T, IP 20

ABR ... TGI, IP 20



Model	Lamps	Dimens. [mm]						magnetic ballast Prod. code	electronic ballast Prod. code	dim. ballast (DALI) Prod. code
		L1	B1	H1	A1	A2	A5			
ABR 236 ASTGI	2xT26 36 W	1249	308	95	950	132	300		1620974	1630974
ABR 236 AT	2xT26 36 W	1249	308	95	950	132	300		1620398	1630398
ABR 236 ATGI	2xT26 36 W	1249	308	95	950	132	300		1620972	1630972
ABR 258 ASTGI	2xT26 58 W	1549	308	95	1250	132	300		1620469	1630469
ABR 258 AT	2xT26 58 W	1549	308	95	1250	132	300		1620061	1630061
ABR 258 ATGI	2xT26 58 W	1549	308	95	1250	132	300		1620467	1630467
ABR 280 ASTGI	2xT16 80 W	1549	308	95	1250	132	300		1620069	1630069
ABR 280 AT	2xT16 80 W	1549	308	95	1250	132	300		1623366	1633366
ABR 280 ATGI	2xT16 80 W	1549	308	95	1250	132	300		1620067	1630067
ABR 336 ASTGI	3xT26 36 W	1249	481	95	950	298	300		1620975	1630975
ABR 336 AT	3xT26 36 W	1249	481	95	950	298	300		1620971	1630971
ABR 336 ATGI	3xT26 36 W	1249	481	95	950	298	300		1620973	1630973
ABR 358 ASTGI	3xT26 58 W	1549	481	95	1250	298	300		1620470	1630470
ABR 358 AT	3xT26 58 W	1549	481	95	1250	298	300		1620063	1630063
ABR 358 ATGI	3xT26 58 W	1549	481	95	1250	298	300		1620468	1630468
ABR 380 ASTGI	3xT16 80 W	1549	481	95	1250	298	300		1620070	1630070
ABR 380 AT	3xT16 80 W	1549	481	95	1250	298	300		1623367	1633367
ABR 380 ATGI	3xT16 80 W	1549	481	95	1250	298	300		1620068	1630068

Model	Lamps	Dimens. [mm]						magnetic ballast Prod. code	electronic ballast Prod. code	dimm. ballast (DALI) Prod. code
		L1	B1	H1	A1	A2	A5			
ABR 236 ASB	2xT26 36 W	1249	308	95	950	132	300		1620923	1630923
ABR 236 ATB	2xT26 36 W	1249	308	95	950	132	300		1620265	1630265
ABR 258 ASB	2xT26 58 W	1549	308	95	1250	132	300		1620270	1630270
ABR 258 ATB	2xT26 58 W	1549	308	95	1250	132	300		1620266	1630266
ABR 280 ASB	2xT16 80 W	1549	308	95	1250	132	300		1623350	1633350
ABR 280 ATB	2xT16 80 W	1549	308	95	1250	132	300		1623353	1633353
ABR 336 ASB	3xT26 36 W	1249	481	95	950	298	300		1620335	1630335
ABR 336 ATB	3xT26 36 W	1249	481	95	950	298	300		1620329	1630329
ABR 358 ASB	3xT26 58 W	1549	481	95	1250	298	300		1620272	1630272
ABR 358 ATB	3xT26 58 W	1549	481	95	1250	298	300		1620268	1630268
ABR 380 ASB	3xT16 80 W	1549	481	95	1250	298	300		1623351	1633351
ABR 380 ATB	3xT16 80 W	1549	481	95	1250	298	300		1623354	1633354
ABR 136 PSB	1xT26 36 W	1249	181	95	950	-	300		1620185	1630185
ABR 158 PSB	1xT26 58 W	1549	181	95	1250	-	300		1620274	1630274
ABR 180 PSB	1xT16 80 W	1549	181	95	1250	-	300		1623358	1633358
ABR 236 PSB	2xT26 36 W	1249	308	95	950	132	300		1620187	1630187
ABR 258 PSB	2xT26 58 W	1549	308	95	1250	132	300		1620276	1630276
ABR 280 PSB	2xT16 80 W	1549	308	95	1250	132	300		1623359	1633359
ABR 336 PSB	3xT26 36 W	1249	481	95	950	298	300		1620189	1630189
ABR 358 PSB	3xT26 58 W	1549	481	95	1250	298	300		1620278	1630278
ABR 380 PSB	3xT16 80 W	1549	481	95	1250	298	300		1623360	1633360
ABR 136 T	1xT26 36 W	1249	181	95	950	-	300		1620191	1630191
ABR 158 T	1xT26 58 W	1549	181	95	1250	-	300		1620193	1630193
ABR 180 T	1xT16 80 W	1549	181	95	1250	-	300		1623355	1633355
ABR 236 T	2xT26 36 W	1249	308	95	950	132	300		1620312	1630312
ABR 258 T	2xT26 58 W	1549	308	95	1250	132	300		1620029	1630029
ABR 280 T	2xT16 80 W	1549	308	95	1250	132	300		1623356	1633356
ABR 336 T	3xT26 36 W	1249	481	95	950	298	300		1620196	1630196
ABR 358 T	3xT26 58 W	1549	481	95	1250	298	300		1620031	1630031
ABR 380 T	3xT16 80 W	1549	481	95	1250	298	300		1623357	1633357
ABR 418 T	4xT26 18 W	624	620	95	400	435	225		1620135	1630135
ABR 436 T	4xT26 36 W	1249	620	95	950	435	300		1620198	1630198
ABR 458 T	4xT26 58 W	1549	620	95	1250	435	300		1620033	1630033
ABR 480 T	4xT16 80 W	1549	620	95	1250	435	300		1623510	1633510
ABR 236 TGI	2xT26 36 W	1249	308	95	950	132	300		1620490	1630490
ABR 258 TGI	2xT26 58 W	1549	308	95	1250	132	300		1620463	1630463
ABR 280 TGI	2xT16 80 W	1549	308	95	1250	132	300		1623363	1633363
ABR 336 TGI	3xT26 36 W	1249	481	95	950	298	300		1620970	1630970
ABR 358 TGI	3xT26 58 W	1549	481	95	1250	298	300		1620464	1630464
ABR 380 TGI	3xT16 80 W	1549	481	95	1250	298	300		1623364	1633364

Accessories

Model	Description	Prod. code	Image			
10-149	Suspension plate for ABR 2..	0210149				
10-150	Suspension plate for ABR 3..	0210150				
10-151	Suspension plate for ABR 4..	0210151				
SABR 136 T	Top reflector retrofit kit for ABR 136T	1201209		SLKG, VLKH	TRA 008	
SABR 158 T	Top reflector retrofit kit for ABR 158T	1201210				
SEBR-SABR 180 T	Top mirror reflector for EBR/ABR 180 T, matt	1202931				
SEBR-SABR 236 T	Top mirror reflector for ABR/EBR 236 T/TGI/AT/ATG1, matt	1200449				
SEBR-SABR 258 T	Top mirror reflector for ABR/EBR 258 T/TGI/AT/ATG1, matt	1200450				
SEBR-SABR 280 T	Top mirror reflector for ABR/EBR 280 T, matt	1202932				
SEBR-SABR 336 T	Top mirror reflector for ABR/EBR 336 T/TGI/AT/ATG1, matt	1200451				
SEBR-SABR 358 T	Top mirror reflector for ABR/EBR 358 T/TGI/AT/ATG1, matt	1200452				
SEBR-SABR 380 T	Top mirror reflector for EBR/ABR 380 T, matt	1208056				
SEBR-SABR 436 T	Top mirror reflector for ABR/EBR 436 T/TGI/AT/ATG1, matt	1200454				
SEBR-SABR 458 T	Top mirror reflector for ABR/EBR 458 T/TGI/AT/ATG1, matt	1200455	TRA 139, TRA 149, TRA 435	ZRO	VLBK	
SEBR-SABR 480 T	Top mirror reflector for ABR/EBR 480 T, matt	1202933				
SLKG	Chain S-Link, max.20kg, per unit	0200906				
TRA 008	Galvanised chain, max. 20kg, per metre	0200251				
TRA 132 - ABR 2..	Cross bar for ABR 2-lamp, fixing distance 132 + 149mm	0200252				
TRA 298 - ABR 3..	Cross bar for ABR 3-lamp, fixing distance 298mm	0200253	VLBP	VLSPS	VLTB	
TRA 435 - ABR 4..	Cross bar for ABR 4-lamp, fixing distance 435mm	0200256				
VLBK 581 ¹⁾	Dummy cover, L=1537mm, white, plastic	0205105				
VLBK 583 ¹⁾	Dummy cover, L=4611mm, white, plastic	0205008				
VLBP	Ceiling plate with loop for ceiling m. max. 20kg, 1 pc	0205887				
VLKH	Carabiner hook, max. 20kg, 1pc	0205888				
VLSPS	Tension hook, 40mm adjustment range, max.20kg, 1 pc	0205889		VLTE, VLTE-SI	VLTHD	VLTO
VLTB	Accessory for luminaire trunking fixing, max. 20kg, 1 pc	0205260				
VLTE SI ¹⁾	Trunking end cap, silver, plastic, 1 pc	0205791SI				
VLTE ¹⁾	Trunking end cap, white, plastic, 1 pc	0205791		VLTV	ZIDV	
VLTHD	Hanger for ceiling mounting, max. 20kg, 1 pc	0205794				
VLTO 362	Unwired trunking 36W, 2-length, L=2474mm	0505051				
VLTO 363	Unwired trunking 36W, 3-length, L=3711mm	0505052				
VLTO 582	Unwired trunking 58W, 2-length, L=3074mm	0505054				
VLTO 583	Unwired trunking 58W, 3-length, L=4611mm	0505055				
VLTV	IP20 and IP54 trunking connector, 1 pc	0205790				
ZIDV 36/3/1,5	Through wiring T26-36W and T16-28/54W, 3x1.5mm ²	0201201				
ZIDV 36/5/1,5	Through wiring for T26-36W and T16-28/54W, 5x1.5mm ²	0200254				
ZIDV 36/5/2,5	Through wiring for T26-36W and T16-28/54W, 5x2.5mm ²	0200637				
ZIDV 58/3/1,5	Through wiring T26-58W and T16-35/49/80W, 3x1.5mm ²	0201202				
ZIDV 58/5/1,5	Through wiring for T26-58W and T16-35/49/80W, 5x1.5mm ²	0200255				
ZIDV 58/5/2,5	Through wiring for T26-58W and T16-35/49/80W, 5x2.5mm ²	0200638	ZRO			
ZRO	Frame opener	0204003				

¹⁾ Not ball resistant