

Recessed downlighters EBD 235 SG, EBDF 235 SM, EBDT 235 SM, EBSDF 235 W for compact fluorescent lamps

Design: The luminaire consists of the reflector housing and the gear tray.

Reflector housing: Rigid mounting ring in die-cast metal with tool-less clamping mechanism, and fixing for the lampholder.

Gear tray: Gear tray plate made of galvanised steel, accommodates all electrical components, mains terminal block, cable strain relief and connecting cable with lampholder assembly. Heat resistant plastic cover.

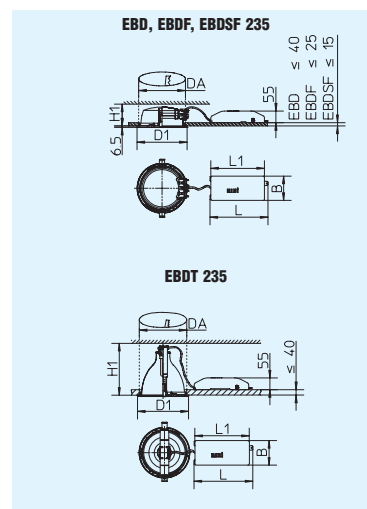
Mounting: In addition to the prefitted standard luminaire fixing, special accessory fixing kits such as panel mounting kits, reinforcement plates for metal tile ceilings, cast concrete housings, plaster ring, inclined mounting kits or semi recessed mounting kits can be ordered.

Note: Emergency light E14, factory mounting possible for 1 and 2-lamp luminaires EBD/EBDF
In the 2-lamp EBDF, no closed trims can be used in combination with emergency luminaire E14.

Reflectors: The downlighters can be equipped with different reflectors without affecting the luminaire price.

Reflector Type	Article No. for Reflector Type			
	EBD 235	EBDF 235	EBDT 235	EBSDF 235
SG	X//609//609	—
SGF//608	—	—	—
SM//607	X	X	—
W//638//638	—	X

X available
— not available



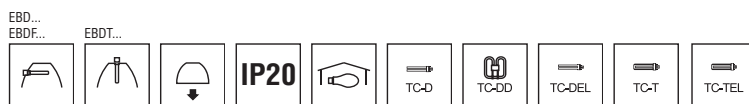
Reflector SG: Parabolic reflector in specular anodised super-purity aluminium.

Reflector SGF: Parabolic reflector in specular anodised super-purity aluminium, with faceted surface.

Reflector SM: Parabolic reflector in specular anodised super-purity aluminium with satin finish.

Reflector W: Reflector in matt white painted aluminium.

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



EBD 235/... SG

EBDF 235/... SM

EBSDF 235/... W

EBDT 235/... SM



Model	Lamps	Socket	Dimens. [mm]						magnetic ballast Prod. code	electronic ballast Prod. code	dim. ballast (DALI) Prod. code	
			L	L1	H1	D1	DA min	DA max				B
EBD 235/13 SG	1xTC-D 10/13 W	G24d-1	265	245	130	235	220	225	90	1315071		
EBD 235/13 SG-EVG	1xTC-DEL 10/13 W	G24q-1	265	245	130	235	220	225	90		1325071	
EBD 235/18 SG	1xTC-D/T 18 W	G/GX24d-2	265	245	130	235	220	225	90	1315072		
EBD 235/18 SG-EVG	1xTC-DEL/TEL 18 W	G/GX24q-2	265	245	130	235	220	225	90		1325072	1335072
EBD 235/26 SG	1xTC-T 26 W	GX24d-3	265	245	130	235	220	225	90	1316457		
EBD 235/26-42 SG-EVG ¹⁾	1xTC-TEL 26/32/42 W	GX24q-3/4	265	245	130	235	220	225	90		0320735	0330735
EBD 235/2x13 SG	2xTC-D 10/13 W	G24d-1	275	255	130	235	220	225	115	1315086		
EBD 235/2x13 SG-EVG	2xTC-DEL 10/13 W	G24q-1	275	255	130	235	220	225	115		1325086	
EBD 235/2x18 SG	2xTC-D/TC-T 18 W	G/GX24d-2	275	255	130	235	220	225	115	1315415		
EBD 235/2x18 SG-EVG	2xTC-DEL/TEL 18 W	G/GX24q-2	265	245	130	235	220	225	90		1325415	1335415
EBD 235/2x26 SG	2xTC-T 26 W	GX24d-3	275	255	130	235	220	225	115	1316458		
EBD 235/2x26 SG-EVG	2xTC-TEL 26 W	GX24q-3	275	255	130	235	220	225	115		1326458	1336458
EBDF 235/13 SM	1xTC-D 10/13 W	G24d-1	265	245	95	235	220	225	90	1316428		
EBDF 235/13 SM-EVG	1xTC-DEL 13 W	G24q-1	265	245	95	235	220	225	90		1326428	
EBDF 235/18 SM	1xTC-D/T 18 W	G/GX24d-2	265	245	95	235	220	225	90	1316429		
EBDF 235/18 SM-EVG	1xTC-DEL/TEL 18 W	G/GX24q-2	265	245	95	235	220	225	90		1326429	1336429
EBDF 235/26 SM	1xTC-T 26 W	GX24d-3	265	245	95	235	220	225	90	0310770		
EBDF 235/26-42 SM-EVG ¹⁾	1xTC-TEL 26/32/42 W	GX24q-3/4	265	245	95	235	220	225	90		0320736	0330736
EBDF 235/2x13 SM	2xTC-D 10/13 W	G24d-1	275	255	95	235	220	225	115	1316430		
EBDF 235/2x13 SM-EVG	2xTC-DEL 10/13 W	G24q-1	275	255	95	235	220	225	115		1326430	
EBDF 235/2x18 SM	2xTC-D/TC-T 18 W	G/GX24d-2	275	255	95	235	220	225	115	1316431		
EBDF 235/2x18 SM-EVG	2xTC-DEL/TEL 18 W	G/GX24q-2	275	265	95	235	220	225	115		1326431	1336431
EBDF 235/2x26 SM	2xTC-T 26 W	GX24d-3	275	255	95	235	220	225	115	0310788		
EBDF 235/2x26 SM-EVG	2xTC-TEL 26 W	GX24q-3	275	255	95	235	220	225	115		0320788	0330788
EBSDF 235/16 W-EVG	1xTC-DD 16 W	GR10q	156	-	65	235	220	225	88		0320783	
EBSDF 235/18 W ²⁾	1xTC-DD 18 W	GRZ10d	-	-	65	235	220	225	-		0300780	
EBSDF 235/21 W-EVG	1xTC-DD 21 W	GR10q	156	-	65	235	220	225	88		0320784	
EBDT 235/26 SM	1xTC-T 26 W	G24d-3	265	245	235	235	220	225	90	1316463		
EBDT 235/26-42 SM-EVG ¹⁾	1xTC-TEL 26/32/42 W	GX24q-3/4	265	245	235	235	220	225	90		0320750	0330750
EBDT 235/57 SM-EVG	1xTC-TELI 57 W	GX24q-5	265	245	235	235	220	225	90		0320751	

¹⁾ Prefitted multiwatt EVG

²⁾ Only for lamps with prefitted EVG

Accessories

Model	Description	A	B	C	D	E	F	G	Prod. code
BET EBD 235	Concrete casting box for EBD 235	X	-	-	X	-	-	-	0202827
BET EBDF 235	Concrete casting box for EBDF 235	-	X	-	X	-	X	-	0202831
BET EBDT 235	Concrete casting box for EBDT 235	-	-	X	-	-	-	X	0202836
DG 235 W	Decorative glass, internal matt finish, white dec.ring	X	X	X	X	X	X	X	0202684
DGB 235 W	Decorative glass, printed, with white decorative ring	X	X	X	X	X	X	X	0202720
DGD 235 W ¹⁾	Glass disc, matt finish, with white decorative ring	X	X	X	X	-	-	-	0202735
DGFB 235 W	Decorative glass, blue, internally open with white ring	X	X	X	X	X	X	X	0202711
DGKD 235 W ¹⁾	Clear float glass disc with white decorative ring	X	X	X	X	-	-	-	0202864
DGOD 235 W ¹⁾	Glass disc, opal finish, with white decorative ring	X	X	X	X	-	-	-	0202740
DGS 235 W	Decorative glass, matt finish, internally open w.white ring	X	X	X	X	X	X	X	0202693
DKV5 235 W ¹⁾	Dished artificial opal glass with white decorative ring	X	X	X	X	-	-	-	0202749
DR 235 AL	Decorative ring, brushed aluminium finish	X	X	X	X	X	X	X	0202676//634
DR 235 ES	Decorative ring, brushed stainless steel finish	X	X	X	X	X	X	X	0202676//636
DR 235 RAL	Decorative ring, as per choice from RAL colour chart	X	X	X	X	X	X	X	0202676RAL
DR 235 SG	Decorative ring, specular finish aluminium silver	X	X	X	X	X	X	X	0202676//609
DR 235 SM	Decorative ring, matt finish aluminium silver	X	X	X	X	X	X	X	0202676//607
DR 235 W	Decorative ring, white plastic	X	X	X	X	X	X	X	0202676
DSG 235 W	Decorative glass ring, matt finish, white decorative ring	X	X	X	X	X	X	X	0202702
DVHW 235 W NR 1-24 ²⁾	Information signs No.1 to 24 with white decorative ring	X	X	X	X	-	-	-	0202803
DVRP 235 W ¹⁾	Prismatic disc with white decorative ring	X	X	X	-	-	-	-	0202745
DVW3 235 W	Decorative trim, 3 metal discs, white decorative ring	X	X	X	X	X	X	X	0202728
DVZS 235 W	Decorative trim, inset acrylic panel, white ring	X	X	X	-	-	-	-	0202779
EPR EBD. 235	Plaster ring for projecting or flush ceiling mounting	X	X	X	X	X	X	X	0202839
HES EBD 235/25	Semi-recessed mounting kit, H = 25mm	X	-	X	-	X	-	X	0202811
HES EBD 235/50	Semi-recessed mounting kit, H = 50mm	X	-	X	-	X	-	X	0202812
HES EBD 235/75	Semi-recessed mounting kit, H = 75mm	-	X	-	-	X	-	X	0202813
PES EBD. 235-100/150	Plank ceiling mounting kit module 100 and 150	X	X	X	X	X	X	X	0202786
PES EBD. 235-200	Plank ceiling mounting kit module 200	X	X	X	X	X	X	X	0202787
REBDK 235 S	Parabolic louvre cross blade, specular aluminium silver	X	X	-	X	X	-	X	0202663
REBDT 235 S	Parabolic louvre with inner ring, specular aluminium silver	X	X	-	X	X	-	X	0202659
SES EBD 235/10	Inclined ceiling mounting kit, 10 degree slope	X	X	-	X	X	X	X	0202822
SES EBD 235/5	Inclined ceiling mounting kit, 5 degree slope	X	X	-	X	X	X	X	0202821
UGEBD-UR	Change-over relay for EBD... (not for HIT lamps)	X	X	X	X	X	X	X	0201069
VP EBD. 235-600	Strengthening plate for module 600 (600x600) ceilings	X	X	X	X	X	X	X	0202794
VP EBD. 235-625	Strengthening plate for module 625 (625x625) ceilings	X	X	X	X	X	X	X	0202921
ZES EBD 150-235/80	Fixing kit for ceiling depths up to 80 mm	X	-	X	-	X	-	X	0202928
ZVS-PK ABD/EBD	Parallel power factor correction cabling kit for ABD/EBD	X	X	X	X	X	X	X	0207700

¹⁾ IP 44 protection rating with this accessory when mounting in sealed ceilings.

²⁾ The selection of available emergency signs is listed on the last page of this chapter.

A = EBD; B = EBDF; C = EBDT 235 / max. 42 W; D = EBDSF; E = EBD 235/2x26; F = EBDF 235/2x26; G = EBDT 235/57



