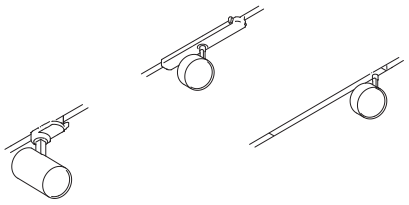
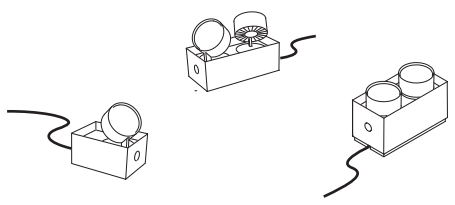
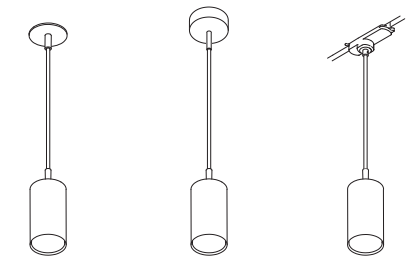
wittenberg 4.0 | Produktmerkmale der aktuellen Produktfamilie (2026)

de

English below







Produkt-Typ	str	str2	str2-in	druff (1e)	druff (2e)	parkett (2e)	pl1-ab	pl1-eb	pl1-str
Stromschiene	□	□	□						(□)
Aufbauleuchte (Aufb.-Baldachin)							(□)		
Einbauleuchte (Einb.-Baldachin)								(□)	
Halbeinbauleuchte									
Pendelleuchte							□	□	□
Standleuchten				□	□	□			
Betoneinbauleuchten									
Zoom-Variante erhältlich (-fe)	□	□	□	□	□	□			
Schutzgrad									
IP20	□	□	□	□	□	□	□	□	□
IP44									
IP54									
Farbe									
RAL 9005	■	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□	□
beige, grau, rot, blau									
Bicolor (optional)									
Lichtkopf chrom									
Lichtkopf messing									
Kühlkörper									
Kühlkörper schwarz	■	■	■	■	■	■			
Kühlkörper weiß	□	□	□	□	□	□			
Farbwiedergabeindex									
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	□	□
Ra > 95 (typ. 97) dim2warm	□	□	□				□	□	□
Lichtfarbe									
2700 K	□	□	□	□	□	□	□	□	□
3000 K	□	□	□	□	□	□	□	□	□
4000 K	□	□	□	□	□	□	□	□	□
1800-3000 K (d2w)									
LED-Modul									
Standard-LED (High CRI)									
dim2warm-LED									
Linsenoptik									
spot	12°	12°	12°		12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°		38°	38°	38°	38°	38°
Wattage LED									
10 W (High CRI)									
12,7 W (High CRI)	□	□	□	□	□	□	□	□	□
12 W (dim2warm)	□	□	□				□	□	□
Dimmung									
-1 schaltbar		-1	-1						
-2 Potentiometer 0-/ 1-10 V	-2								
-4 DALI	-4	-4	-4				-4	-4	-4
-5 Phasenabschnitt									
-7 Phasenan-/abschnitt	-7 (kein d2w)						-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)
-9 Casambi	-9	-9					-9	-9	-9
Betriesberät									
inklusive	□	□	□	□	□	□	□	□	□
exklusive									

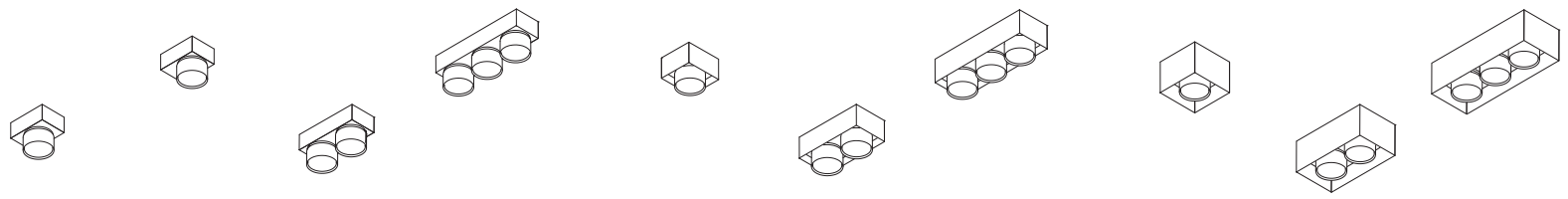
Push-dim Low Voltage (Memory-Funktion)

We are pleased that you have decided in favour of mawa.

wittenberg 4.0 | Produktmerkmale der aktuellen Produktfamilie (2026)

de

English below

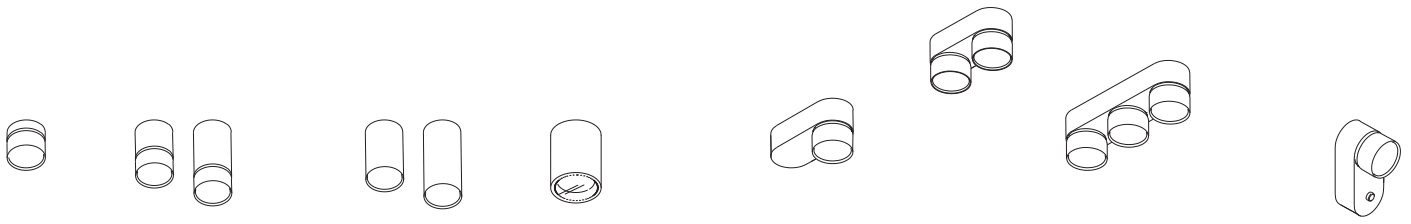


Produkt-Typ	ab-1e	ab-1e-as	ab-2e	ab-3e	ab-1e-hb	ab-2e-hb	ab-3e-hb	ab-1e-kb	ab-2e-kb	ab-3e-kb
Stromschiene										
Aufbauleuchte (Aufb.-Baldachin)	□	□	□	□	□	□	□	□	□	□
Einbauleuchte (Einb.-Baldachin)										
Halbeinbauleuchte										
Pendelleuchte										
Standleuchten										
Betoneinbauleuchten										
Zoom-Variante erhältlich (-fe)	□	□	□	□	□	□	□	□	□	
Schutzgrad										
IP20	□	□	□	□	□	□	□	□	□	□
IP44										
IP54										
Farbe										
RAL 9005	■	■	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□	□	□
beige, grau, rot, blau										
Bicolor (optional)										
Lichtkopf chrom										
Lichtkopf messing										
Kühlkörper										
Kühlkörper schwarz	■	■	■	■	■	■	■	■	■	■
Kühlkörper weiß	□	□	□	□	□	□	□	□	□	□
Farbwiedergabeindex										
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	□	□	□
Ra > 95 (typ. 97) dim2warm					□	□	□	□	□	□
Lichtfarbe										
2700 K	□	□	□	□	□	□	□	□	□	□
3000 K	□	□	□	□	□	□	□	□	□	□
4000 K	□	□	□	□	□	□	□	□	□	□
1800-3000 K (d2w)										
LED-Modul										
Standard-LED (High CRI)										
dim2warm-LED										
Linsenoptik										
spot	12°	12°	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°	38°	38°
Wattage										
10 W (High CRI)										
12,7 W (High CRI)	□	□	□	□	□	□	□	□	□	□
12 W (dim2warm)					□	□	□	□	□	□
Dimmung										
-1 schaltbar										
-2 Potentiometer 0-/ 1-10 V										
-4 DALI			-4	-4	-4	-4	-4	-4	-4	-4
-5 Phasenabschnitt							-5 (kein d2w)			
-7 Phasenan-/abschnitt	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)		-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)
-9 Casambi			-9	-9	-9	-9	-9	-9	-9	-9
Betriesberät										
inklusive	□	□	□	□	□	□	□	□	□	□
exklusive										

wittenberg 4.0 | Produktmerkmale der aktuellen Produktfamilie (2026)

de

English below

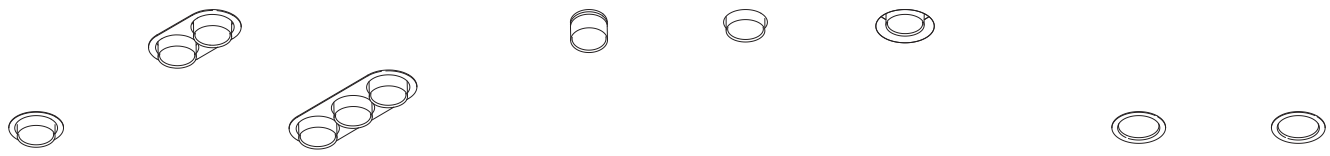


Produkt-Typ	ab-1k	ab-1r	ab-1r-dl	ab-1r-dl-ip54	ab-1ov	ab-2ov	ab-3ov	ab-1ov-2-d2w
Stromschiene								
Aufbauleuchte (Aufb.-Baldachin)	□	□	□	□	□	□	□	□
Einbauleuchte (Einb.-Baldachin)								
Halbeinbauleuchte								
Pendelleuchte								
Standleuchten								
Betoneinbauleuchten								
Zoom-Variante erhältlich (-fe)	□	□			□	□	□	□
Schutzgrad								
IP20	□	□	□		□	□	□	□
IP44								
IP54				□				
Farbe								
RAL 9005	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□
beige, grau, rot, blau								
Bicolor (optional)								
Lichtkopf chrom								
Lichtkopf messing								
Kühlkörper								
Kühlkörper schwarz	■	■			■	■	■	■
Kühlkörper weiß	□	□			□	□	□	□
Farbwiedergabeindex								
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	
Ra > 95 (typ. 97) dim2warm	□	□			□			□
Lichtfarbe								
2700 K	□	□	□	□	□	□	□	
3000 K	□	□	□	□	□	□	□	
4000 K	□	□	□	□	□	□	□	
1800-3000 K (d2w)								
LED-Modul								
Standard-LED (High CRI)								
dim2warm-LED								
Linsenoptik								
spot	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°
Wattage								
10 W (High CRI)				□				
12,7 W (High CRI)	□	□	□	□	□	□	□	
12 W (dim2warm)	□	□	□	□	□			□
Dimmung								
-1 schaltbar								
-2 Potentiometer 0-/ 1-10 V								-2
-4 DALI	-4	-4	-4		-4	-4	-4	
-5 Phasenabschnitt								
-7 Phasenan-/abschnitt	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	
-9 Casambi	-9	-9			-9	-9	-9	
Betriesberät								
inklusive		□	□	□	□	□	□	□
exklusive	□							

wittenberg 4.0 | Produktmerkmale der aktuellen Produktfamilie (2026)

de

English below

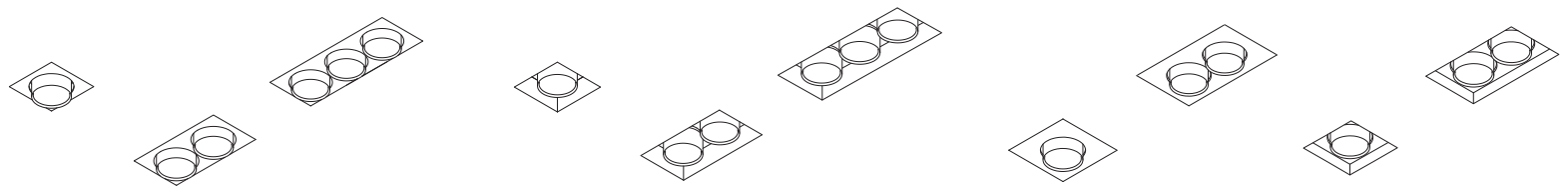


Produkt-Typ	eb-1r	eb-2ov	eb-3ov	eb-1r-kr	eb-1r-ep	eb-1r-db	eb-1r-dl	eb-1r-dl-ip44
Stromschiene								
Aufbauleuchte (Aufb.-Baldachin)								
Einbauleuchte (Einb.-Baldachin)	□	□	□	□	□	□	□	□
Halbeinbauleuchte								
Pendelleuchte								
Standleuchten								
Betoneinbauleuchten								
Zoom-Variante erhältlich (-fe)	□	□	□	□	□	□		
Schutzgrad								
IP20	□	□	□	□	□	□	□	
IP44								□
IP54								
Farbe								
RAL 9005	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□
beige, grau, rot, blau								
Bicolor (optional)								
Lichtkopf chrom								
Lichtkopf messing								
Kühlkörper								
Kühlkörper schwarz	■	■	■	■	■	■		
Kühlkörper weiß	□	□	□	□	□	□		
Farbwiedergabeindex								
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	□
Ra > 95 (typ. 97) dim2warm	□	□	□	□	□	□	□	□
Lichtfarbe								
2700 K	□	□	□	□	□	□	□	□
3000 K	□	□	□	□	□	□	□	□
4000 K	□	□	□	□	□	□	□	□
1800-3000 K (d2w)								
LED-Modul								
Standard-LED (High CRI)								
dim2warm-LED								
Linsenoptik								
spot	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°
Wattage								
10 W (High CRI)								
12,7 W (High CRI)	□	□	□	□	□	□	□	□
12 W (dim2warm)	□	□	□	□	□	□	□	□
Dimmung								
-1 schaltbar								
-2 Potentiometer 0-/ 1-10 V								
-4 DALI	-4	-4	-4	-4	-4	-4	-4	-4
-5 Phasenabschnitt								
-7 Phasenan-/abschnitt	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)
-9 Casambi	-9	-9	-9	-9	-9	-9	-9	-9
Betriesberät								
inklusive								
exklusive	□	□	□	□	□	□	□	□

wittenberg 4.0 | Produktmerkmale der aktuellen Produktfamilie (2026)

de

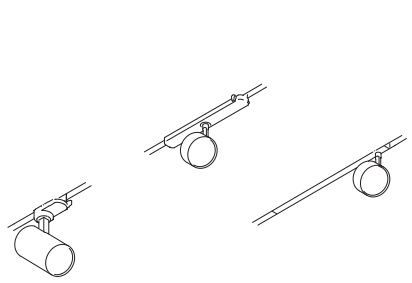
English below

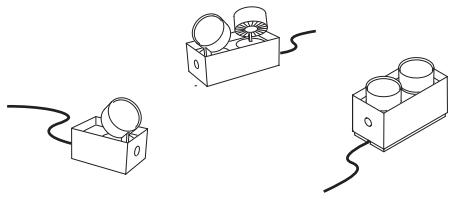


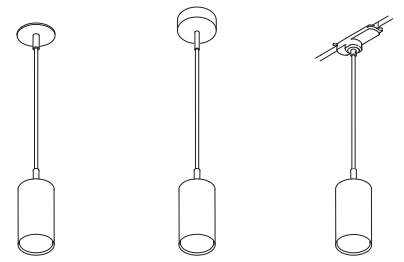
Produkt-Typ	eb-1e	eb-2e	eb-3e	eb-1e-db	eb-2e-db	eb-3e-db	be-1e	be-2e	be-1e-rl	be-2e-rl
Stromschiene										
Aufbauleuchte (Aufb.-Baldachin)										
Einbauleuchte (Einb.-Baldachin)	□	□	□	□	□	□				
Halbeinbauleuchte										
Pendelleuchte										
Standleuchten										
Betoneinbauleuchten							□	□	□	□
Zoom-Variante erhältlich (-fe)	□	□	□	□	□	□				
Schutzgrad										
IP20	□	□	□	□	□	□	□	□	□	□
IP44										
IP54										
Farbe										
RAL 9005	■	■	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□	□	□
beige, grau, rot, blau										
Bicolor (optional)										
Lichtkopf chrom										
Lichtkopf messing										
Kühlkörper										
Kühlkörper schwarz	■	■	■	■	■	■	■	■	■	■
Kühlkörper weiß	□	□	□	□	□	□	□	□	□	□
Farbwiedergabeindex										
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	□	□	□
Ra > 95 (typ. 97) dim2warm	□	□	□	□	□	□	□	□	□	□
Lichtfarbe										
2700 K	□	□	□	□	□	□	□	□	□	□
3000 K	□	□	□	□	□	□	□	□	□	□
4000 K	□	□	□	□	□	□	□	□	□	□
1800-3000 K (d2w)										
LED-Modul										
Standard-LED (High CRI)										
dim2warm-LED										
Linsenoptik										
spot	12°	12°	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°	38°	38°
Wattage										
10 W (High CRI)										
12,7 W (High CRI)	□	□	□	□	□	□	□	□	□	□
12 W (dim2warm)	□	□	□	□	□	□	□	□	□	□
Dimmung										
-1 schaltbar										
-2 Potentiometer 0-/ 1-10 V										
-4 DALI	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
-5 Phasenabschnitt										
-7 Phasenan-/abschnitt	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)	-7 (kein d2w)
-9 Casambi	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
Betriesberät										
inklusive										
exklusive	□	□	□	□	□	□	□	□	□	□

wittenberg 4.0 | product features of the current product family (2026)

en





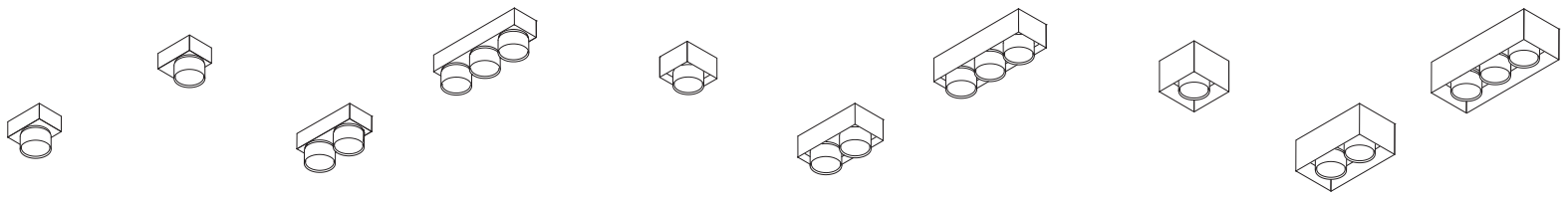


Product type	str	str2	str2-in	druff (1e)	druff (2e)	parkett (2e)	pl1-ab	pl1-eb	pl1-str
Track light	☐	☐	☐						(☐)
Surface mounted (canopy)							(☐)		
Recessed mounted (canopy)								(☐)	
Semi-recessed spotlight									
Pendant luminaire							☐	☐	☐
Free-standing spotlight				☐	☐	☐			
Recessed concrete spotlights									
Zoom variant available (-fe)	☐	☐	☐	☐	☐	☐			
Degree of protection									
IP20	☐	☐	☐	☐	☐	☐	☐	☐	☐
IP44									
IP54									
Colour									
RAL 9005	■	■	■	■	■	■	■	■	■
RAL 9016	☐	☐	☐	☐	☐	☐	☐	☐	☐
beige, grey, red, blue									
Bi-colour (optional)									
Light head chrome									
Light head brass									
Heat sink									
Heat sink black	■	■	■	■	■	■			
Heat sink white	☐	☐	☐	☐	☐	☐			
Colour rendering index									
Ra > 95 (typ. 98) (High CRI)	☐	☐	☐	☐	☐	☐	☐	☐	☐
Ra > 95 (typ. 97) dim2warm	☐	☐	☐				☐	☐	☐
Light colour									
2700 K	☐	☐	☐	☐	☐	☐	☐	☐	☐
3000 K	☐	☐	☐	☐	☐	☐	☐	☐	☐
4000 K	☐	☐	☐	☐	☐	☐	☐	☐	☐
1800-3000 K (d2w)									
LED module									
Standard LED (High CRI)									
dim2warm LED									
Optical lens									
spot	12°	12°	12°		12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°		38°	38°	38°	38°	38°
Wattage LED									
10 W (High CRI)									
12,7 W (High CRI)	☐	☐	☐	☐	☐	☐	☐	☐	☐
12 W (dim2warm)	☐	☐	☐				☐	☐	☐
Dimming									
-1 switchable		-1	-1						
-2 Rotary potentiometer 0-/ 1-10 V	-2								
-4 DALI	-4	-4	-4	Push-dim low voltage (memory function)			-4	-4	-4
-5 Trailing edge phase									
-7 Leading edge/trailing edge	-7 (no d2w)						-7 (no d2w)	-7 (no d2w)	-7 (no d2w)
-9 Casambi	-9	-9					-9	-9	-9
Control gear									
included	☐	☐	☐	☐	☐	☐	☐	☐	☐
not included									

We are pleased that you have decided in favour of mawa.

wittenberg 4.0 | product features of the current product family (2026)

en



Product type	ab-1e	ab-1e-as	ab-2e	ab-3e	ab-1e-hb	ab-2e-hb	ab-3e-hb	ab-1e-kb	ab-2e-kb	ab-3e-kb
Track light										
Surface mounted (canopy)	□	□	□	□	□	□	□	□	□	□
Recessed mounted (canopy)										
Semi-recessed spotlight										
Pendant luminaire										
Free-standing spotlight										
Recessed concrete spotlights										
Zoom variant available (-fe)	□	□	□	□	□	□	□	□	□	
Degree of protection										
IP20	□	□	□	□	□	□	□	□	□	□
IP44										
IP54										
Colour										
RAL 9005	■	■	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□	□	□
beige, grey, red, blue										
Bi-colour (optional)										
Light head chrome	▮	▮								
Light head brass	▮	▮								
Heat sink										
Heat sink black	■	■	■	■	■	■	■	■	■	■
Heat sink white	□	□	□	□	□	□	□	□	□	□
Colour rendering index										
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	□	□	□
Ra > 95 (typ. 97) dim2warm					□	□	□	□	□	□
Light colour										
2700 K	□	□	□	□	□	□	□	□	□	□
3000 K	□	□	□	□	□	□	□	□	□	□
4000 K	□	□	□	□	□	□	□	□	□	□
1800-3000 K (d2w)					◐	◐	◐	◐	◐	◐
LED module										
Standard LED (High CRI)	●	●	●	●	●	●	●	●	●	●
dim2warm LED					●	●	●	●	●	●
Optical lens										
spot	12°	12°	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°	38°	38°
Wattage LED										
10 W (High CRI)										
12,7 W (High CRI)	□	□	□	□	□	□	□	□	□	□
12 W (dim2warm)					□	□	□	□	□	□
Dimming										
-1 switchable										
-2 Rotary potentiometer 0-/ 1-10 V										
-4 DALI			-4	-4	-4	-4	-4	-4	-4	-4
-5 Trailing edge phase							-5 (no d2w)			
-7 Leading edge/trailing edge	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)		-7 (no d2w)	-7 (no d2w)	-7 (no d2w)
-9 Casambi			-9	-9	-9	-9	-9	-9	-9	-9
Control gear										
included	□	□	□	□	□	□	□	□	□	□
not included										

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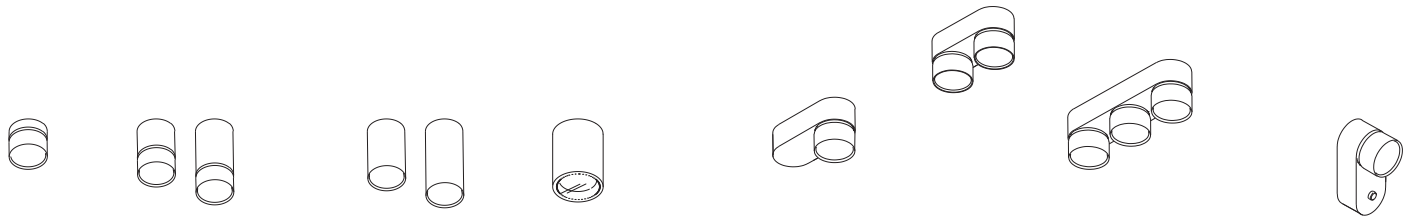

Product type	ab-1k	ab-1r	ab-1r-dl	ab-1r-dl-ip54	ab-1ov	ab-2ov	ab-3ov	ab-1ov-2-d2w
Track light								
Surface mounted (canopy)	□	□	□	□	□	□	□	□
Recessed mounted (canopy)								
Semi-recessed spotlight								
Pendant luminaire								
Free-standing spotlight								
Recessed concrete spotlights								
Zoom variant available (-fe)	□	□			□	□	□	□
Degree of protection								
IP20	□	□	□		□	□	□	□
IP44								
IP54				□				
Colour								
RAL 9005	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□
beige, grey, red, blue								
Bi-colour (optional)								
Light head chrome								
Light head brass								
Heat sink								
Heat sink black	■	■			■	■	■	■
Heat sink white	□	□			□	□	□	□
Colour rendering index								
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	
Ra > 95 (typ. 97) dim2warm	□	□			□			□
Light colour								
2700 K	□	□	□	□	□	□	□	
3000 K	□	□	□	□	□	□	□	
4000 K	□	□	□	□	□	□	□	
1800-3000 K (d2w)								
LED module								
Standard LED (High CRI)								
dim2warm LED								
Optical lens								
spot	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°
Wattage LED								
10 W (High CRI)				□				
12,7 W (High CRI)	□	□	□	□	□	□	□	
12 W (dim2warm)	□	□	□	□	□			□
Dimming								
-1 switchable								
-2 Rotary potentiometer 0-/ 1-10 V								-2
-4 DALI	-4	-4	-4		-4	-4	-4	
-5 Trailing edge phase								
-7 Leading edge/trailing edge	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	
-9 Casambi	-9	-9			-9	-9	-9	
Control gear								
included		□	□	□	□	□	□	□
not included	□							

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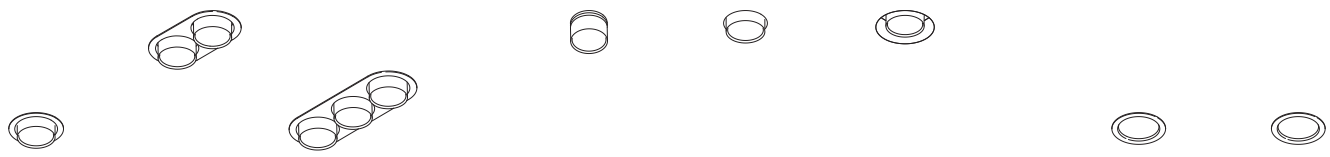

Product type	eb-1r	eb-2ov	eb-3ov	eb-1r-kr	eb-1r-ep	eb-1r-db	eb-1r-dl	eb-1r-dl-ip44
Track light								
Surface mounted (canopy)								
Recessed mounted (canopy)	□	□	□	□	□	□	□	□
Semi-recessed spotlight								
Pendant luminaire								
Free-standing spotlight								
Recessed concrete spotlights								
Zoom variant available (-fe)	□	□	□	□	□	□		
Degree of protection								
IP20	□	□	□	□	□	□	□	
IP44								□
IP54								
Colour								
RAL 9005	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□
beige, grey, red, blue								
Bi-colour (optional)								
Light head chrome								
Light head brass								
Heat sink								
Heat sink black	■	■	■	■	■	■		
Heat sink white	□	□	□	□	□	□		
Colour rendering index								
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	□
Ra > 95 (typ. 97) dim2warm	□	□	□	□	□	□	□	□
Light colour								
2700 K	□	□	□	□	□	□	□	□
3000 K	□	□	□	□	□	□	□	□
4000 K	□	□	□	□	□	□	□	□
1800-3000 K (d2w)								
LED module								
Standard LED (High CRI)								
dim2warm LED								
Optical lens								
spot	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°
Wattage LED								
10 W (High CRI)								
12,7 W (High CRI)	□	□	□	□	□	□	□	□
12 W (dim2warm)	□	□	□	□	□	□	□	□
Dimming								
-1 switchable								
-2 Rotary potentiometer 0-/ 1-10 V								
-4 DALI	-4	-4	-4	-4	-4	-4	-4	-4
-5 Trailing edge phase								
-7 Leading edge/trailing edge	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)
-9 Casambi	-9	-9	-9	-9	-9	-9	-9	-9
Control gear								
included								
not included	□	□	□	□	□	□	□	□

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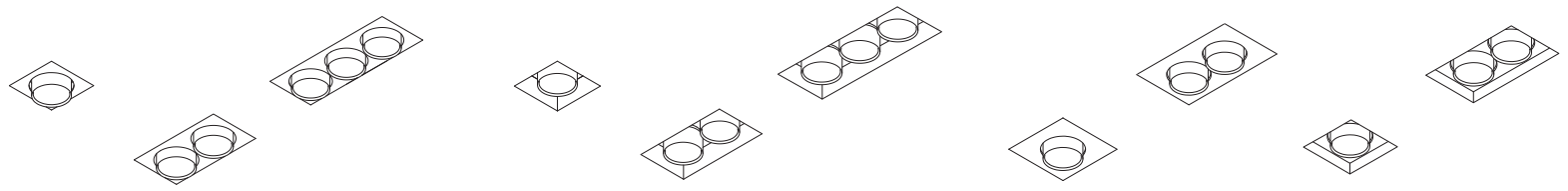

Product type	eb-1e	eb-2e	eb-3e	eb-1e-db	eb-2e-db	eb-3e-db	be-1e	be-2e	be-1e-rl	be-2e-rl
Track light										
Surface mounted (canopy)										
Recessed mounted (canopy)	□	□	□	□	□	□				
Semi-recessed spotlight										
Pendant luminaire										
Free-standing spotlight										
Recessed concrete spotlights							□	□	□	□
Zoom variant available (-fe)	□	□	□	□	□	□				
Degree of protection										
IP20	□	□	□	□	□	□	□	□	□	□
IP44										
IP54										
Colour										
RAL 9005	■	■	■	■	■	■	■	■	■	■
RAL 9016	□	□	□	□	□	□	□	□	□	□
beige, grey, red, blue										
Bi-colour (optional)										
Light head chrome										
Light head brass										
Heat sink										
Heat sink black	■	■	■	■	■	■	■	■	■	■
Heat sink white	□	□	□	□	□	□	□	□	□	□
Colour rendering index										
Ra > 95 (typ. 98) (High CRI)	□	□	□	□	□	□	□	□	□	□
Ra > 95 (typ. 97) dim2warm	□	□	□	□	□	□	□	□	□	□
Light colour										
2700 K	□	□	□	□	□	□	□	□	□	□
3000 K	□	□	□	□	□	□	□	□	□	□
4000 K	□	□	□	□	□	□	□	□	□	□
1800-3000 K (d2w)										
LED module										
Standard LED (High CRI)										
dim2warm LED										
Optical lens										
spot	12°	12°	12°	12°	12°	12°	12°	12°	12°	12°
medium	24°	24°	24°	24°	24°	24°	24°	24°	24°	24°
flood	38°	38°	38°	38°	38°	38°	38°	38°	38°	38°
Wattage LED										
10 W (High CRI)										
12,7 W (High CRI)	□	□	□	□	□	□	□	□	□	□
12 W (dim2warm)	□	□	□	□	□	□	□	□	□	□
Dimming										
-1 switchable										
-2 Rotary potentiometer 0-/ 1-10 V										
-4 DALI	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
-5 Trailing edge phase										
-7 Leading edge/trailing edge	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)	-7 (no d2w)
-9 Casambi	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
Control gear										
included										
not included	□	□	□	□	□	□	□	□	□	□