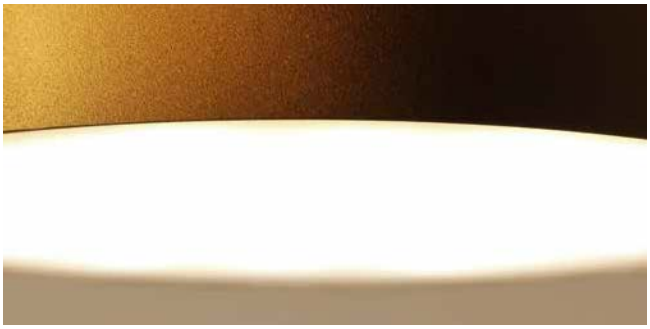
ALMA přisazené stropní svítidlo LED

Základní vlastnosti

Celohliníková konstrukce vysoká 50 mm	Zvýšený stupeň krytí IP 65 Pohledový lem o šířce 1 mm	Přímosvit s decentně přiznanou pravidelnou formací čipů za difusorem	Možnost stmívání DALI 1-10V iDim



Základní specifikace

životnost LED	42000 h (L90B10) / 162000 h (L70B50)	materiál	PMMA a hliník
napájecí napětí / EEC	AC 230 V A++ / A+ / A	stupeň krytí / třída ochrany	IP 65 I
úhel osvětlení	120 °	certifikace	CE
index podání barev	Ra ≥ 80	pracovní teplota	-10 °C ~ +50 °C
povrchová úprava	black / maroon / grey / white	relativní vlhkost	10 % ~ 80 %

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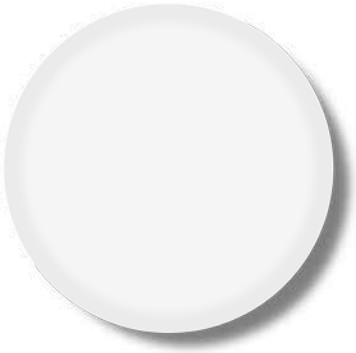
Helvar
volitelný napájecí zdroj



Dílčí specifikace

příkon	33 W	28 W	24 W	21 W
rozměry	Φ355 × 50 mm		Φ240 × 50 mm	
teplota chromatičnosti	3000 / 4000 K		3000 / 4000 K	
LED čipy	72 × SMD 5630		54 × SMD 5630	
světelný tok	3050 / 3210 lm	2715 / 2855 lm	2295 / 2415 lm	2035 / 2150 lm
volitelná integrovaná jednotka AKKU	✖		✖	
hmotnost	2,8 kg		1,4 kg	

Stmívatelné napájecí zdroje

analogové řízení (1-10 V_{DC})	✓	✓
digitální řízení (DALI) *	✓	✓

* S podporou funkce Switch-Control

Helvar
volitelný napájecí zdroj

Dílčí specifikace

příkon	21 W	14 W
rozměry	Φ210 × 50 mm	
teplota chromatičnosti	3000 / 4000 K	
LED čipy	54 × SMD 5630	
světelný tok	2035 / 2150 lm	1405 / 1480 lm
volitelná integrovaná jednotka AKKU	✖	
hmotnost	1,1 kg	

Stmívatelné napájecí zdroje

analogové řízení (1-10 V_{DC})	✓
digitální řízení (DALI) *	✓

* S podporou funkce Switch-Control

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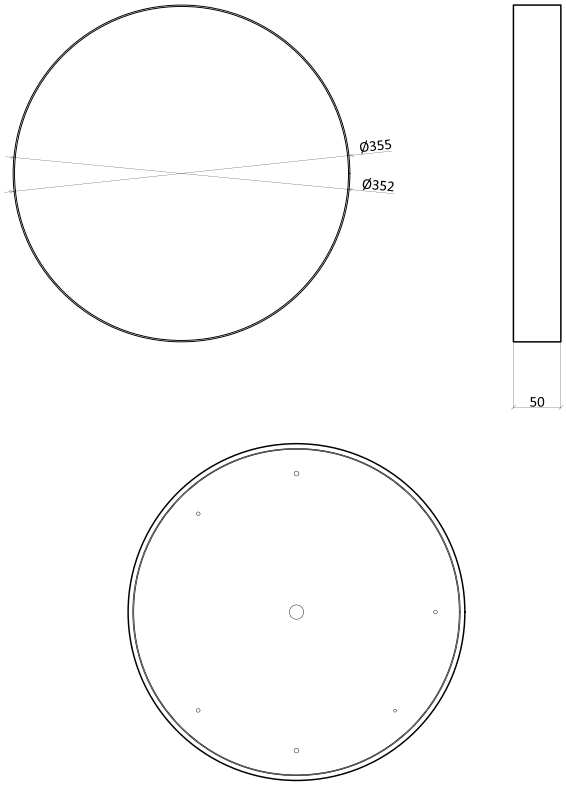
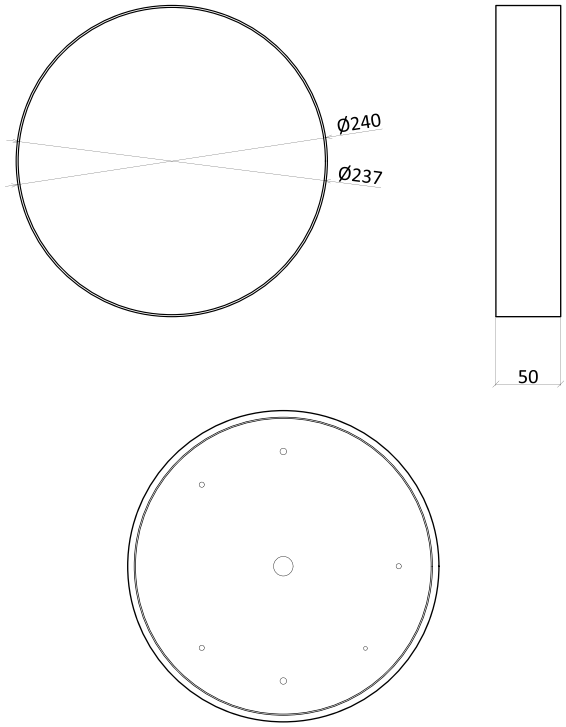
Technický nákres

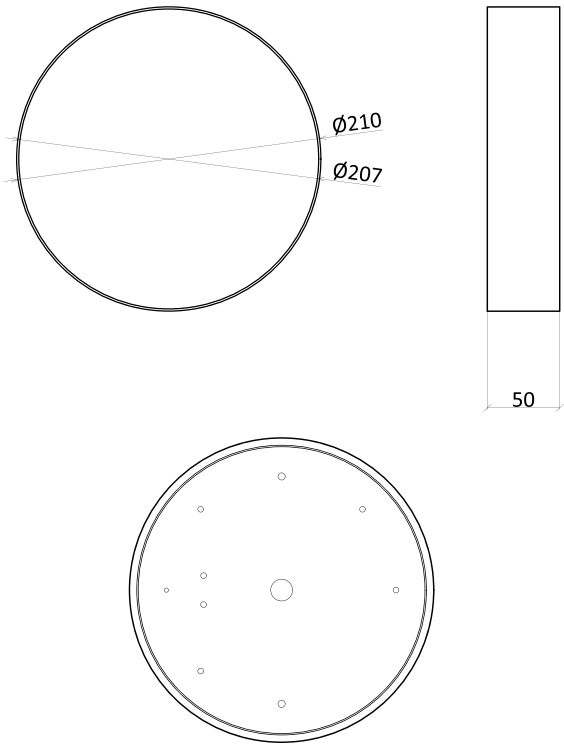
ALMA Ø355 × 50 mm



ALMA Ø240 × 50 mm



ALMA Ø210 × 50 mm



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Struktura kódu produktu

model	rozměr	napájecí zdroj	příkon	teplota chromatičnosti	povrchová úprava
ALM	24	DAL	24W	3K	W

ALM	ALMA

35	Ø355 × 50 mm
24	Ø240 × 50 mm
21	Ø210 × 50 mm

HEL	Helvar PSU
DAL	DALI Helvar
10V	1-10V Helvar

33W	33 W
28W	28 W
24W	24 W
21W	21 W
14W	14 W

3K	3000 K
4K5	4500 K

B	black
G	grey
W	white

	Kód produktu	EAN	Název produktu
ALMA Ø355 x 50 mm 33 W	ALM35HEL33W3KB	8595210354330	ALMA BLACK Ø355x50mm IP65 33W/3000K + Helvar
	ALM35HEL33W4KB	8595210354347	ALMA BLACK Ø355x50mm IP65 33W/4000K + Helvar
	ALM35HEL33W3KM	8595210354354	ALMA MAROON Ø355x50mm IP65 33W/3000K + Helvar
	ALM35HEL33W4KM	8595210354361	ALMA MAROON Ø355x50mm IP65 33W/4000K + Helvar
	ALM35HEL33W3KG	8595210354378	ALMA GREY Ø355x50mm IP65 33W/3000K + Helvar
	ALM35HEL33W4KG	8595210354385	ALMA GREY Ø355x50mm IP65 33W/4000K + Helvar
	ALM35HEL33W3KW	8595210354392	ALMA WHITE Ø355x50mm IP65 33W/3000K + Helvar
	ALM35HEL33W4KW	8595210354408	ALMA WHITE Ø355x50mm IP65 33W/4000K + Helvar
	ALM35DAL33W3KB	8595210354415	ALMA BLACK Ø355x50mm IP65 33W/3000K + DALI
	ALM35DAL33W4KB	8595210354422	ALMA BLACK Ø355x50mm IP65 33W/4000K + DALI
	ALM35DAL33W3KM	8595210354439	ALMA MAROON Ø355x50mm IP65 33W/3000K + DALI
	ALM35DAL33W4KM	8595210354446	ALMA MAROON Ø355x50mm IP65 33W/4000K + DALI
	ALM35DAL33W3KG	8595210354453	ALMA GREY Ø355x50mm IP65 33W/3000K + DALI
	ALM35DAL33W4KG	8595210354460	ALMA GREY Ø355x50mm IP65 33W/4000K + DALI
	ALM35DAL33W3KW	8595210354477	ALMA WHITE Ø355x50mm IP65 33W/3000K + DALI
	ALM35DAL33W4KW	8595210354484	ALMA WHITE Ø355x50mm IP65 33W/4000K + DALI
	ALM3510V33W3KB	8595210354491	ALMA BLACK Ø355x50mm IP65 33W/3000K + 1-10V
	ALM3510V33W4KB	8595210354507	ALMA BLACK Ø355x50mm IP65 33W/4000K + 1-10V
	ALM3510V33W3KM	8595210354514	ALMA MAROON Ø355x50mm IP65 33W/3000K + 1-10V
	ALM3510V33W4KM	8595210354521	ALMA MAROON Ø355x50mm IP65 33W/4000K + 1-10V
	ALM3510V33W3KG	8595210354538	ALMA GREY Ø355x50mm IP65 33W/3000K + 1-10V
	ALM3510V33W4KG	8595210354545	ALMA GREY Ø355x50mm IP65 33W/4000K + 1-10V
	ALM3510V33W3KW	8595210354552	ALMA WHITE Ø355x50mm IP65 33W/3000K + 1-10V
	ALM3510V33W4KW	8595210354569	ALMA WHITE Ø355x50mm IP65 33W/4000K + 1-10V
ALMA Ø355 x 50 mm 28 W	ALM35HEL28W3KB	8595210354576	ALMA BLACK Ø355x50mm IP65 28W/3000K + Helvar
	ALM35HEL28W4KB	8595210354583	ALMA BLACK Ø355x50mm IP65 28W/4000K + Helvar
	ALM35HEL28W3KM	8595210354590	ALMA MAROON Ø355x50mm IP65 28W/3000K + Helvar
	ALM35HEL28W4KM	8595210354606	ALMA MAROON Ø355x50mm IP65 28W/4000K + Helvar
	ALM35HEL28W3KG	8595210354613	ALMA GREY Ø355x50mm IP65 28W/3000K + Helvar
	ALM35HEL28W4KG	8595210354620	ALMA GREY Ø355x50mm IP65 28W/4000K + Helvar
	ALM35HEL28W3KW	8595210354637	ALMA WHITE Ø355x50mm IP65 28W/3000K + Helvar
	ALM35HEL28W4KW	8595210354644	ALMA WHITE Ø355x50mm IP65 28W/4000K + Helvar
	ALM35DAL28W3KB	8595210354651	ALMA BLACK Ø355x50mm IP65 28W/3000K + DALI
	ALM35DAL28W4KB	8595210354668	ALMA BLACK Ø355x50mm IP65 28W/4000K + DALI
	ALM35DAL28W3KM	8595210354675	ALMA MAROON Ø355x50mm IP65 28W/3000K + DALI
	ALM35DAL28W4KM	8595210354682	ALMA MAROON Ø355x50mm IP65 28W/4000K + DALI
	ALM35DAL28W3KG	8595210354699	ALMA GREY Ø355x50mm IP65 28W/3000K + DALI
	ALM35DAL28W4KG	8595210354705	ALMA GREY Ø355x50mm IP65 28W/4000K + DALI
	ALM35DAL28W3KW	8595210354712	ALMA WHITE Ø355x50mm IP65 28W/3000K + DALI
	ALM35DAL28W4KW	8595210354729	ALMA WHITE Ø355x50mm IP65 28W/4000K + DALI
	ALM3510V28W3KB	8595210354736	ALMA BLACK Ø355x50mm IP65 28W/3000K + 1-10V
	ALM3510V28W4KB	8595210354743	ALMA BLACK Ø355x50mm IP65 28W/4000K + 1-10V
	ALM3510V28W3KM	8595210354750	ALMA MAROON Ø355x50mm IP65 28W/3000K + 1-10V
	ALM3510V28W4KM	8595210354767	ALMA MAROON Ø355x50mm IP65 28W/4000K + 1-10V

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	Kód produktu	EAN	Název produktu
	ALM3510V28W3KG	8595210354774	ALMA GREY Ø355x50mm IP65 28W/3000K + 1-10V
	ALM3510V28W4KG	8595210354781	ALMA GREY Ø355x50mm IP65 28W/4000K + 1-10V
	ALM3510V28W3KW	8595210354798	ALMA WHITE Ø355x50mm IP65 28W/3000K + 1-10V
	ALM3510V28W4KW	8595210354804	ALMA WHITE Ø355x50mm IP65 28W/4000K + 1-10V
ALMA Ø240 x 50 mm 24 W	ALM24HEL24W3KB	8595210354811	ALMA BLACK Ø240x50mm IP65 24W/3000K + Helvar
	ALM24HEL24W4KB	8595210354828	ALMA BLACK Ø240x50mm IP65 24W/4000K + Helvar
	ALM24HEL24W3KM	8595210354835	ALMA MAROON Ø240x50mm IP65 24W/3000K + Helvar
	ALM24HEL24W4KM	8595210354842	ALMA MAROON Ø240x50mm IP65 24W/4000K + Helvar
	ALM24HEL24W3KG	8595210354859	ALMA GREY Ø240x50mm IP65 24W/3000K + Helvar
	ALM24HEL24W4KG	8595210354866	ALMA GREY Ø240x50mm IP65 24W/4000K + Helvar
	ALM24HEL24W3KW	8595210354873	ALMA WHITE Ø240x50mm IP65 24W/3000K + Helvar
	ALM24HEL24W4KW	8595210354880	ALMA WHITE Ø240x50mm IP65 24W/4000K + Helvar
	ALM24DAL24W3KB	8595210354897	ALMA BLACK Ø240x50mm IP65 24W/3000K + DALI
	ALM24DAL24W4KB	8595210354903	ALMA BLACK Ø240x50mm IP65 24W/4000K + DALI
	ALM24DAL24W3KM	8595210354910	ALMA MAROON Ø240x50mm IP65 24W/3000K + DALI
	ALM24DAL24W4KM	8595210354927	ALMA MAROON Ø240x50mm IP65 24W/4000K + DALI
	ALM24DAL24W3KG	8595210354934	ALMA GREY Ø240x50mm IP65 24W/3000K + DALI
	ALM24DAL24W4KG	8595210354941	ALMA GREY Ø240x50mm IP65 24W/4000K + DALI
	ALM24DAL24W3KW	8595210354958	ALMA WHITE Ø240x50mm IP65 24W/3000K + DALI
	ALM24DAL24W4KW	8595210354965	ALMA WHITE Ø240x50mm IP65 24W/4000K + DALI
	ALM2410V24W3KB	8595210354972	ALMA BLACK Ø240x50mm IP65 24W/3000K + 1-10V
	ALM2410V24W4KB	8595210354989	ALMA BLACK Ø240x50mm IP65 24W/4000K + 1-10V
	ALM2410V24W3KM	8595210354996	ALMA MAROON Ø240x50mm IP65 24W/3000K + 1-10V
	ALM2410V24W4KM	8595210355009	ALMA MAROON Ø240x50mm IP65 24W/4000K + 1-10V
	ALM2410V24W3KG	8595210355016	ALMA GREY Ø240x50mm IP65 24W/3000K + 1-10V
	ALM2410V24W4KG	8595210355023	ALMA GREY Ø240x50mm IP65 24W/4000K + 1-10V
	ALM2410V24W3KW	8595210355030	ALMA WHITE Ø240x50mm IP65 24W/3000K + 1-10V
	ALM2410V24W4KW	8595210355047	ALMA WHITE Ø240x50mm IP65 24W/4000K + 1-10V
ALMA Ø240 x 50 mm 21 W	ALM24HEL21W3KB	8595210355054	ALMA BLACK Ø240x50mm IP65 21W/3000K + Helvar
	ALM24HEL21W4KB	8595210355061	ALMA BLACK Ø240x50mm IP65 21W/4000K + Helvar
	ALM24HEL21W3KM	8595210355078	ALMA MAROON Ø240x50mm IP65 21W/3000K + Helvar
	ALM24HEL21W4KM	8595210355085	ALMA MAROON Ø240x50mm IP65 21W/4000K + Helvar
	ALM24HEL21W3KG	8595210355092	ALMA GREY Ø240x50mm IP65 21W/3000K + Helvar
	ALM24HEL21W4KG	8595210355108	ALMA GREY Ø240x50mm IP65 21W/4000K + Helvar
	ALM24HEL21W3KW	8595210355115	ALMA WHITE Ø240x50mm IP65 21W/3000K + Helvar
	ALM24HEL21W4KW	8595210355122	ALMA WHITE Ø240x50mm IP65 21W/4000K + Helvar
	ALM24DAL21W3KB	8595210355139	ALMA BLACK Ø240x50mm IP65 21W/3000K + DALI
	ALM24DAL21W4KB	8595210355146	ALMA BLACK Ø240x50mm IP65 21W/4000K + DALI
	ALM24DAL21W3KM	8595210355153	ALMA MAROON Ø240x50mm IP65 21W/3000K + DALI
	ALM24DAL21W4KM	8595210355160	ALMA MAROON Ø240x50mm IP65 21W/4000K + DALI
	ALM24DAL21W3KG	8595210355177	ALMA GREY Ø240x50mm IP65 21W/3000K + DALI
	ALM24DAL21W4KG	8595210355184	ALMA GREY Ø240x50mm IP65 21W/4000K + DALI
	ALM24DAL21W3KW	8595210355191	ALMA WHITE Ø240x50mm IP65 21W/3000K + DALI
	ALM24DAL21W4KW	8595210355207	ALMA WHITE Ø240x50mm IP65 21W/4000K + DALI
	ALM2410V21W3KB	8595210355214	ALMA BLACK Ø240x50mm IP65 21W/3000K + 1-10V
	ALM2410V21W4KB	8595210355221	ALMA BLACK Ø240x50mm IP65 21W/4000K + 1-10V
	ALM2410V21W3KM	8595210355238	ALMA MAROON Ø240x50mm IP65 21W/3000K + 1-10V
	ALM2410V21W4KM	8595210355245	ALMA MAROON Ø240x50mm IP65 21W/4000K + 1-10V
	ALM2410V21W3KG	8595210355252	ALMA GREY Ø240x50mm IP65 21W/3000K + 1-10V
	ALM2410V21W4KG	8595210355269	ALMA GREY Ø240x50mm IP65 21W/4000K + 1-10V
	ALM2410V21W3KW	8595210355276	ALMA WHITE Ø240x50mm IP65 21W/3000K + 1-10V
	ALM2410V21W4KW	8595210355283	ALMA WHITE Ø240x50mm IP65 21W/4000K + 1-10V
ALMA Ø210 x 50 mm 21 W	ALM21HEL21W3KB	8595210355290	ALMA BLACK Ø210x50mm IP65 21W/3000K + Helvar
	ALM21HEL21W4KB	8595210355306	ALMA BLACK Ø210x50mm IP65 21W/4000K + Helvar
	ALM21HEL21W3KM	8595210355313	ALMA MAROON Ø210x50mm IP65 21W/3000K + Helvar
	ALM21HEL21W4KM	8595210355320	ALMA MAROON Ø210x50mm IP65 21W/4000K + Helvar
	ALM21HEL21W3KG	8595210355337	ALMA GREY Ø210x50mm IP65 21W/3000K + Helvar
	ALM21HEL21W4KG	8595210355344	ALMA GREY Ø210x50mm IP65 21W/4000K + Helvar
	ALM21HEL21W3KW	8595210355351	ALMA WHITE Ø210x50mm IP65 21W/3000K + Helvar
	ALM21HEL21W4KW	8595210355368	ALMA WHITE Ø210x50mm IP65 21W/4000K + Helvar

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	Kód produktu	EAN	Název produktu
	ALM21DAL21W3KB	8595210355375	ALMA BLACK Ø210x50mm IP65 21W/3000K + DALI
	ALM21DAL21W4KB	8595210355382	ALMA BLACK Ø210x50mm IP65 21W/4000K + DALI
	ALM21DAL21W3KM	8595210355399	ALMA MAROON Ø210x50mm IP65 21W/3000K + DALI
	ALM21DAL21W4KM	8595210355405	ALMA MAROON Ø210x50mm IP65 21W/4000K + DALI
	ALM21DAL21W3KG	8595210355412	ALMA GREY Ø210x50mm IP65 21W/3000K + DALI
	ALM21DAL21W4KG	8595210355429	ALMA GREY Ø210x50mm IP65 21W/4000K + DALI
	ALM21DAL21W3KW	8595210355436	ALMA WHITE Ø210x50mm IP65 21W/3000K + DALI
	ALM21DAL21W4KW	8595210355443	ALMA WHITE Ø210x50mm IP65 21W/4000K + DALI
	ALM2110V21W3KB	8595210355450	ALMA BLACK Ø210x50mm IP65 21W/3000K + 1-10V
	ALM2110V21W4KB	8595210355467	ALMA BLACK Ø210x50mm IP65 21W/4000K + 1-10V
	ALM2110V21W3KM	8595210355474	ALMA MAROON Ø210x50mm IP65 21W/3000K + 1-10V
	ALM2110V21W4KM	8595210355481	ALMA MAROON Ø210x50mm IP65 21W/4000K + 1-10V
	ALM2110V21W3KG	8595210355498	ALMA GREY Ø210x50mm IP65 21W/3000K + 1-10V
	ALM2110V21W4KG	8595210355504	ALMA GREY Ø210x50mm IP65 21W/4000K + 1-10V
	ALM2110V21W3KW	8595210355511	ALMA WHITE Ø210x50mm IP65 21W/3000K + 1-10V
	ALM2110V21W4KW	8595210355528	ALMA WHITE Ø210x50mm IP65 21W/4000K + 1-10V
ALMA Ø210 x 50 mm 14 W	ALM21HEL14W3KB	8595210355535	ALMA BLACK Ø210x50mm IP65 14W/3000K + Helvar
	ALM21HEL14W4KB	8595210355542	ALMA BLACK Ø210x50mm IP65 14W/4000K + Helvar
	ALM21HEL14W3KM	8595210355559	ALMA MAROON Ø210x50mm IP65 14W/3000K + Helvar
	ALM21HEL14W4KM	8595210355566	ALMA MAROON Ø210x50mm IP65 14W/4000K + Helvar
	ALM21HEL14W3KG	8595210355573	ALMA GREY Ø210x50mm IP65 14W/3000K + Helvar
	ALM21HEL14W4KG	8595210355580	ALMA GREY Ø210x50mm IP65 14W/4000K + Helvar
	ALM21HEL14W3KW	8595210355597	ALMA WHITE Ø210x50mm IP65 14W/3000K + Helvar
	ALM21HEL14W4KW	8595210355603	ALMA WHITE Ø210x50mm IP65 14W/4000K + Helvar
	ALM21DAL14W3KB	8595210355610	ALMA BLACK Ø210x50mm IP65 14W/3000K + DALI
	ALM21DAL14W4KB	8595210355627	ALMA BLACK Ø210x50mm IP65 14W/4000K + DALI
	ALM21DAL14W3KM	8595210355634	ALMA MAROON Ø210x50mm IP65 14W/3000K + DALI
	ALM21DAL14W4KM	8595210355641	ALMA MAROON Ø210x50mm IP65 14W/4000K + DALI
	ALM21DAL14W3KG	8595210355658	ALMA GREY Ø210x50mm IP65 14W/3000K + DALI
	ALM21DAL14W4KG	8595210355665	ALMA GREY Ø210x50mm IP65 14W/4000K + DALI
	ALM21DAL14W3KW	8595210355672	ALMA WHITE Ø210x50mm IP65 14W/3000K + DALI
	ALM21DAL14W4KW	8595210355689	ALMA WHITE Ø210x50mm IP65 14W/4000K + DALI
	ALM2110V14W3KB	8595210355696	ALMA BLACK Ø210x50mm IP65 14W/3000K + 1-10V
	ALM2110V14W4KB	8595210355702	ALMA BLACK Ø210x50mm IP65 14W/4000K + 1-10V
	ALM2110V14W3KM	8595210355719	ALMA MAROON Ø210x50mm IP65 14W/3000K + 1-10V
	ALM2110V14W4KM	8595210355726	ALMA MAROON Ø210x50mm IP65 14W/4000K + 1-10V
	ALM2110V14W3KG	8595210355733	ALMA GREY Ø210x50mm IP65 14W/3000K + 1-10V
	ALM2110V14W4KG	8595210355740	ALMA GREY Ø210x50mm IP65 14W/4000K + 1-10V
	ALM2110V14W3KW	8595210355757	ALMA WHITE Ø210x50mm IP65 14W/3000K + 1-10V
	ALM2110V14W4KW	8595210355764	ALMA WHITE Ø210x50mm IP65 14W/4000K + 1-10V
Příslušenství DALI	DIGIDIMMIU444	8595210356501	Jednotka Helvar Mini Input Unit pod tlačítkový spínač
	IDIMSOLOIM403	8595210356518	Modul rozhraní Helvar iDim Solo

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