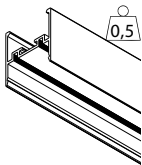


Profile/m Protut

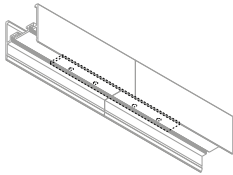
housing		€
text. white	960047	40,-
text. black	960026	40,-



+ MAX. SECTION LENGHT = 3 METRES

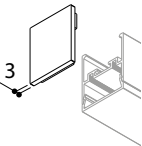
Straight Connection

		€
Straight connection	960060	30,-



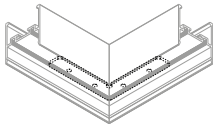
Endcap

housing		€
text. white	960148	25,-
text. black	960127	25,-



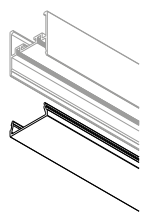
Corner

		€
Corner 90°	960070	30,-
Corner 135°	960080	30,-
Corner 45°-85° on request	960090	200,-



Diffuser/m & Alu Cover/m

housing		€
Frosted Polycarbonate	960006	35,-
text. white	960007	40,-
text. black	960008	40,-

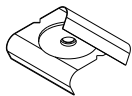


+ To be used in empty profile spaces

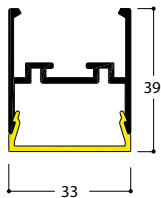
Fixation

		€
Mounting spring	960055	4,-

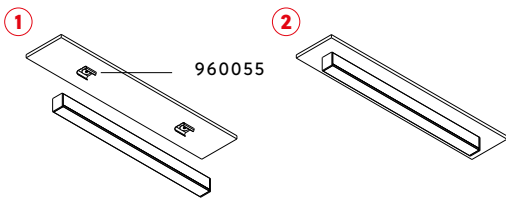
+ Min 2 springs per m



+ Section view



+ Fixation on ceiling

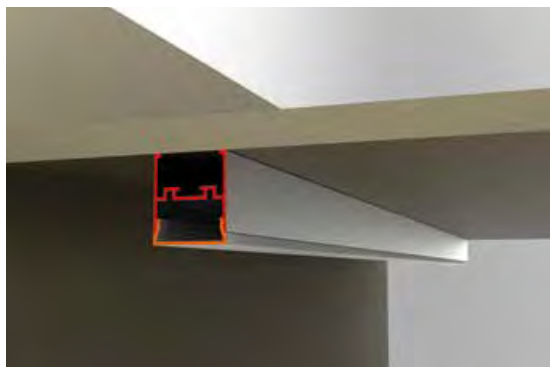


Protut family members:



Protut

profiles



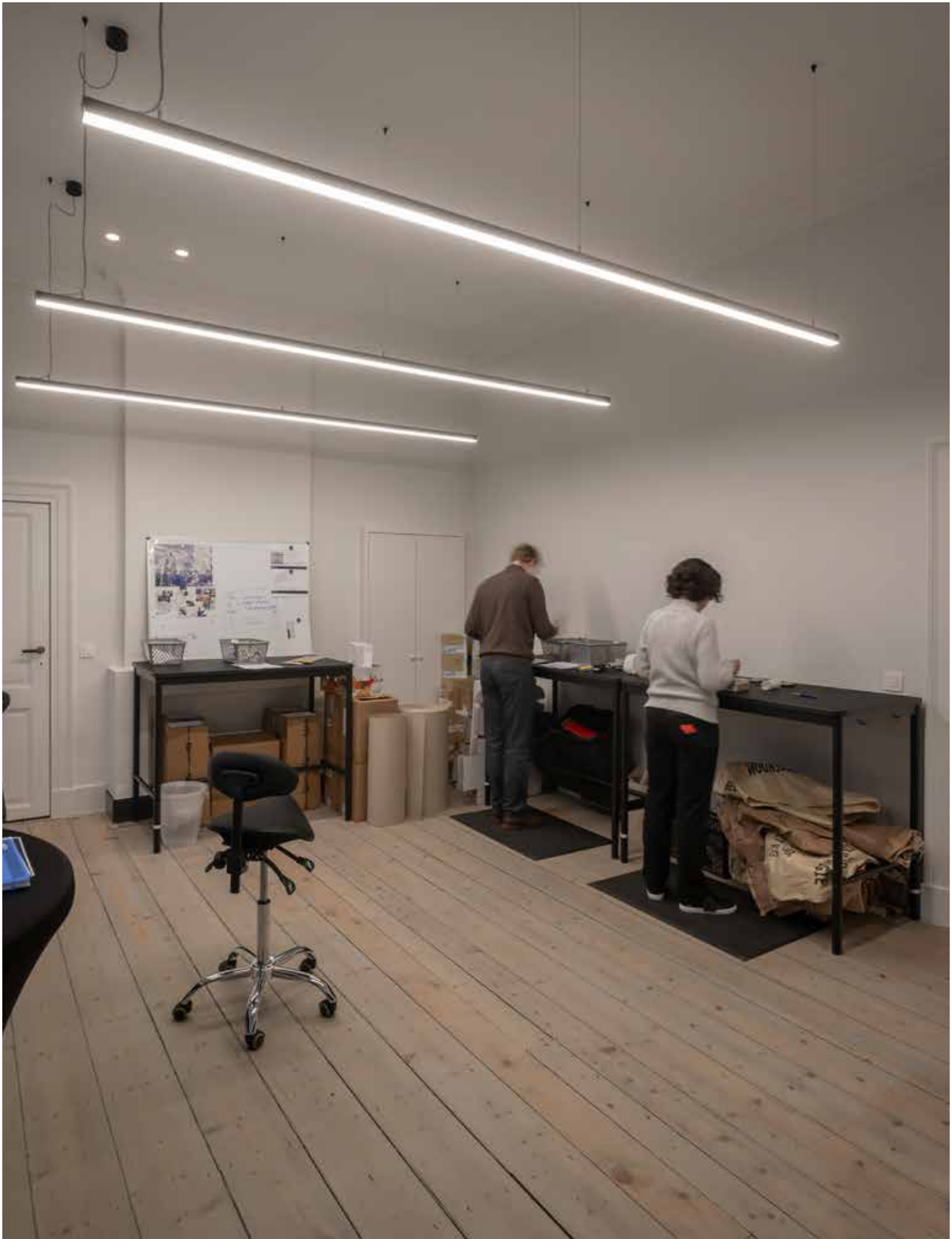
i Protut profile can be used in climate ceilings.

Protut



scan for
specs sheet - price





Suspension Single

housing	2,25m	€	4 m	€	6 m	€
text. white	960041	30,-	960031	40,-	960021	50,-
text. black	960042	30,-	960032	40,-	960022	50,-

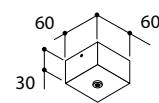
+ 1 suspension/ 1,5 m profile
min. 2 suspensions



Connection Set Square

3P						
housing	2,25m	€	4 m	€	6 m	€
text. white	890847	66,-	890947	78,-	891047	91,-
text. black	890826	66,-	890926	78,-	891026	91,-

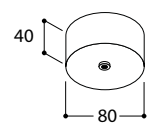
5P						
housing	2,25m	€	4 m	€	6 m	€
text. white	891147	84,-	891247	106,-	891347	132,-
text. black	891126	84,-	891226	106,-	891326	132,-



Connection Set Round

3P						
housing	2,25m	€	4 m	€	6 m	€
text. white	691047	75,-	691147	78,-	691247	83,-
text. black	691026	75,-	691126	78,-	691226	83,-

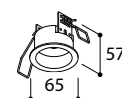
5P						
housing	2,25m	€	4 m	€	6 m	€
text. white	691347	85,-	691447	88,-	691547	92,-
text. black	691326	85,-	691426	88,-	691526	92,-



Connection Set Kosmos (recessed)

3P						
housing	2,25m	€	4 m	€	6 m	€
text. white	691057	86,-	691157	90,-	691257	92,-
text. black	691036	86,-	691136	90,-	691236	92,-

5P						
housing	2,25m	€	4 m	€	6 m	€
text. white	691357	103,-	691457	107,-	691557	111,-
text. black	691336	103,-	691436	107,-	691536	111,-



56 mm
Installation depth 60 mm



LED SYSTEM HE - 2315 lm/meter



INPUT VOLTAGE 230V AC

PROTUT Ledsystem led lamps

Frosted polycarbonate diffuser

Frosted polycarbonate diffuser				2700K				3000K				4000K			
IP40	power	length	length	not dimm		dali/touch		not dimm		dali/touch		not dimm		dali/touch	
	W	mm	ft	€	€	€	€	€	€	€	€	€	€		
3x 650lm	10,5	840	3	960615	220,-	960610	270,-	960315	220,-	960310	270,-	960415	220,-	960410	270,-
4x 650lm	14	1120	4	960625	245,-	960620	295,-	960325	245,-	960320	295,-	960425	245,-	960420	295,-
5x 650lm	17,5	1400	5	960635	270,-	960630	320,-	960335	270,-	960330	320,-	960435	270,-	960430	320,-
6x 650lm	21	1680	6	960645	295,-	960640	345,-	960345	295,-	960340	345,-	960445	295,-	960440	345,-
7x 650lm	24,5	1960	7	960655	320,-	960650	370,-	960355	320,-	960350	370,-	960455	320,-	960450	370,-
8x 650lm	28	2240	8	960665	345,-	960660	395,-	960365	345,-	960360	395,-	960465	345,-	960460	395,-
9x 650lm	31,5	2520	9	960675	370,-	960670	420,-	960375	370,-	960370	420,-	960475	370,-	960470	420,-
10x 650lm	35	2800	10	960685	395,-	960680	445,-	960385	395,-	960380	445,-	960485	395,-	960480	445,-

LED SYSTEM HO - 3925 lm/meter



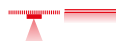
INPUT VOLTAGE 230V AC

PROTUT Ledsystem led lamps

Frosted polycarbonate diffuser

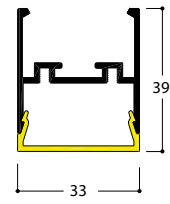
Frosted polycarbonate diffuser				2700K				3000K				4000K			
IP40	power	length	length	not dimm		dali/touch		not dimm		dali/touch		not dimm		dali/touch	
	W	mm	ft		€		€		€		€		€		€
3x 1100lm	17,4	840	3	960515	220,-	960510	270,-	960115	220,-	960110	270,-	960215	220,-	960210	270,-
4x 1100lm	23,2	1120	4	960525	245,-	960520	295,-	960125	245,-	960120	295,-	960225	245,-	960220	295,-
5x 1100lm	29	1400	5	960535	270,-	960530	320,-	960135	270,-	960130	320,-	960235	270,-	960230	320,-
6x 1100lm	34,8	1680	6	960545	295,-	960540	345,-	960145	295,-	960140	345,-	960245	295,-	960240	345,-
7x 1100lm	40,6	1960	7	960555	320,-	960550	370,-	960155	320,-	960150	370,-	960255	320,-	960250	370,-
8x 1100lm	46,4	2240	8	960565	345,-	960560	395,-	960165	345,-	960160	395,-	960265	345,-	960260	395,-
9x 1100lm	52,2	2520	9	960575	370,-	960570	420,-	960175	370,-	960170	420,-	960275	370,-	960270	420,-
10x 1100lm	58	2800	10	960585	395,-	960580	445,-	960185	395,-	960180	445,-	960285	395,-	960280	445,-

Protut family members:





➕ Section view



LEDSYSTEM

INPUT VOLTAGE 230V AC

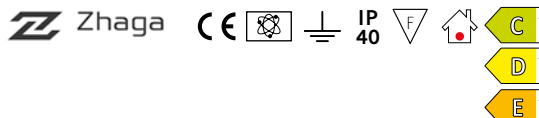
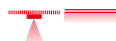
PROTUT UGR Ledsystem CRI92

2700K				25° = UGR <12						46° = UGR <19					
IP40	power	length	lumen	not dimm			dali/touch			not dimm			dali/touch		
	W	mm		text. white	text. black	€	text. white	text. black	€	text. white	text. black	€	text. white	text. black	€
2x 500lm	7,5	560	948	960700	960705	275,-	960710	960715	325,-	960720	960725	275,-	960730	960735	325,-
3x 500lm	11,25	840	1422	960701	960706	325,-	960711	960716	375,-	960721	960726	325,-	960731	960736	375,-
4x 500lm	15	1120	1896	960702	960707	375,-	960712	960717	425,-	960722	960727	375,-	960732	960737	425,-
5x 500lm	18,75	1400	2370	960703	960708	425,-	960713	960718	475,-	960723	960728	425,-	960733	960738	475,-
2x 780lm	13,3	560	1484	960740	960745	275,-	960750	960755	325,-	960760	960765	275,-	960770	960775	325,-
3x 780lm	19,9	840	2226	960741	960746	325,-	960751	960756	375,-	960761	960766	325,-	960771	960776	375,-
4x 780lm	26,5	1120	2968	960742	960747	375,-	960752	960757	425,-	960762	960767	375,-	960772	960777	425,-
5x 780lm	33,2	1400	3710	960743	960748	425,-	960753	960758	475,-	960763	960768	425,-	960773	960778	475,-

3000K				25° = UGR <12						46° = UGR <19					
IP40	power	length	lumen	not dimm			dali/touch			not dimm			dali/touch		
	W	mm		text. white	text. black	€	text. white	text. black	€	text. white	text. black	€	text. white	text. black	€
2x 500lm	7,5	560	966	960800	960805	275,-	960810	960815	325,-	960820	960825	275,-	960830	960835	325,-
3x 500lm	11,25	840	1449	960801	960806	325,-	960811	960816	375,-	960821	960826	325,-	960831	960836	375,-
4x 500lm	15	1120	1932	960802	960807	375,-	960812	960817	425,-	960822	960827	375,-	960832	960837	425,-
5x 500lm	18,75	1400	2415	960803	960808	425,-	960813	960818	475,-	960823	960828	425,-	960833	960838	475,-
2x 780lm	13,3	560	1510	960840	960845	275,-	960850	960855	325,-	960860	960865	275,-	960870	960875	325,-
3x 780lm	19,9	840	2265	960841	960846	325,-	960851	960856	375,-	960861	960866	325,-	960871	960876	375,-
4x 780lm	26,5	1120	3020	960842	960847	375,-	960852	960857	425,-	960862	960867	375,-	960872	960877	425,-
5x 780lm	33,2	1400	3775	960843	960848	425,-	960853	960858	475,-	960863	960868	425,-	960873	960878	475,-

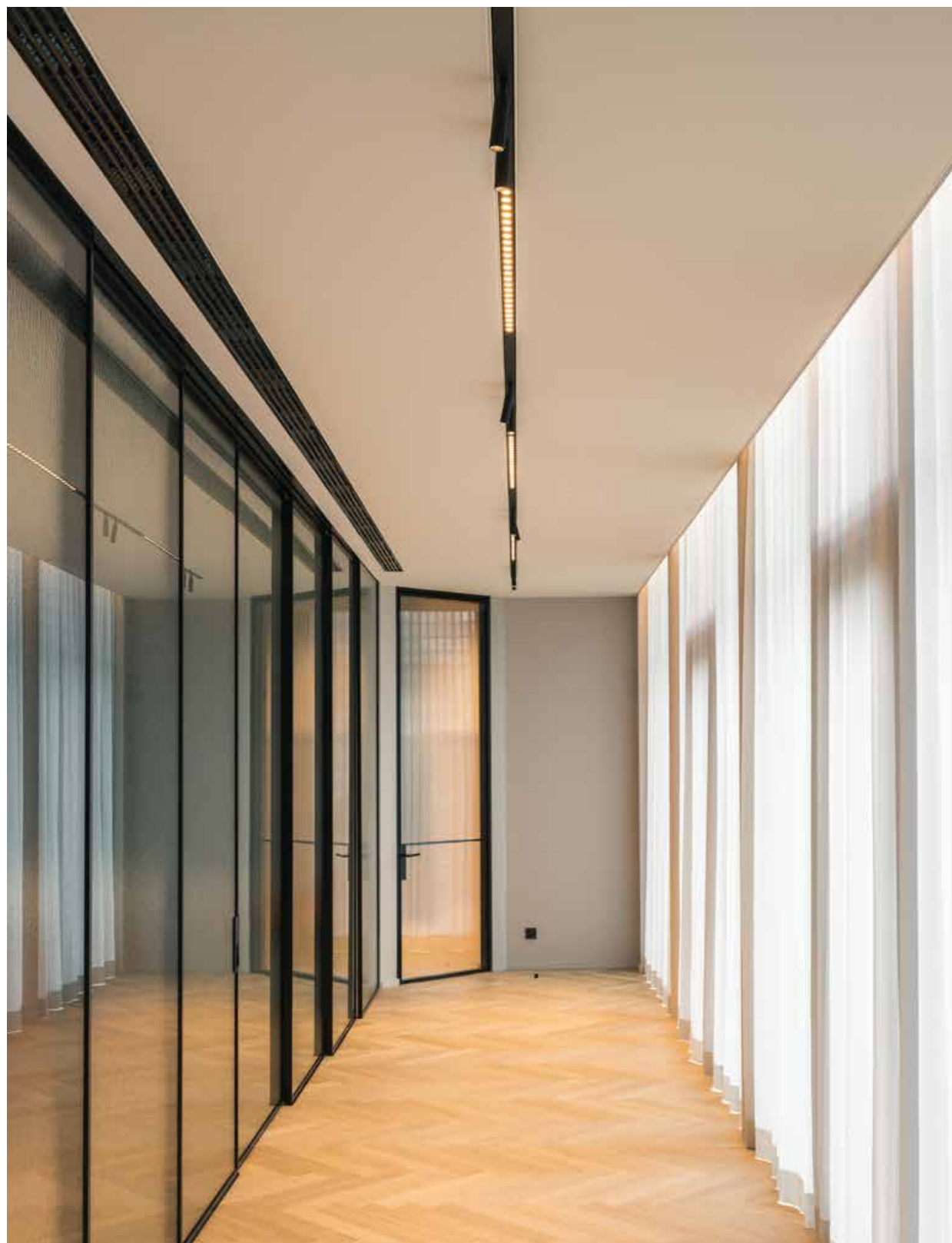
4000K				25° = UGR <12						46° = UGR <19					
IP40	power	length	lumen	not dimm			dali/touch			not dimm			dali/touch		
	W	mm		text. white	text. black	€	text. white	text. black	€	text. white	text. black	€	text. white	text. black	€
2x 500lm	7,5	560	1042	960900	960905	275,-	960910	960915	325,-	960920	960925	275,-	960930	960935	325,-
3x 500lm	11,25	840	1563	960901	960906	325,-	960911	960916	375,-	960921	960926	325,-	960931	960936	375,-
4x 500lm	15	1120	2084	960902	960907	375,-	960912	960917	425,-	960922	960927	375,-	960932	960937	425,-
5x 500lm	18,75	1400	2605	960903	960908	425,-	960913	960918	475,-	960923	960928	425,-	960933	960938	475,-
2x 780lm	13,3	560	1632	960940	960945	275,-	960950	960955	325,-	960960	960965	275,-	960970	960975	325,-
3x 780lm	19,9	840	2448	960941	960946	325,-	960951	960956	375,-	960961	960966	325,-	960971	960976	375,-
4x 780lm	26,5	1120	3264	960942	960947	375,-	960952	960957	425,-	960962	960967	375,-	960972	960977	425,-
5x 780lm	33,2	1400	4080	960943	960948	425,-	960953	960958	475,-	960963	960968	425,-	960973	960978	475,-

Protut family members:



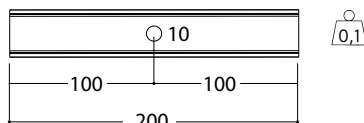
profiles

Protut UGR



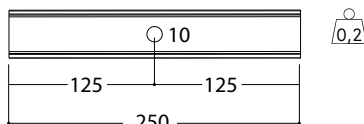
Protut Module M10 230V

	230V	€
M10 Module 230V	960780	40,-
+ Cover profile / m	960007 / 960008	40,-
+ Mounting spring	960055	4,-
+ Fall protection	960065	25,-



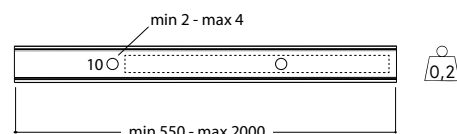
Protut Module M10 350mA mains dimm

	350mA	€
M10 Module 1x 350mA mains dimm	960880	80,-
+ Cover profile / m	960007 / 960008	40,-
+ Mounting spring	960055	4,-
+ Fall protection	960065	25,-



Protut Module M10 350mA dali

	350mA DALI	€
2x M10 Module 350mA dali	960981	170,-
3x M10 Module 350mA dali	960982	200,-
4x M10 Module 350mA dali	960983	210,-
+ Cover profile / m	960007 / 960008	40,-
+ Mounting spring	960055	4,-
+ Fall protection	960065	25,-



i Positioning of M10 modules to be determined by customer

i All distances between led modules are always minimum dimensions

CASAMBI
ON DEMAND

