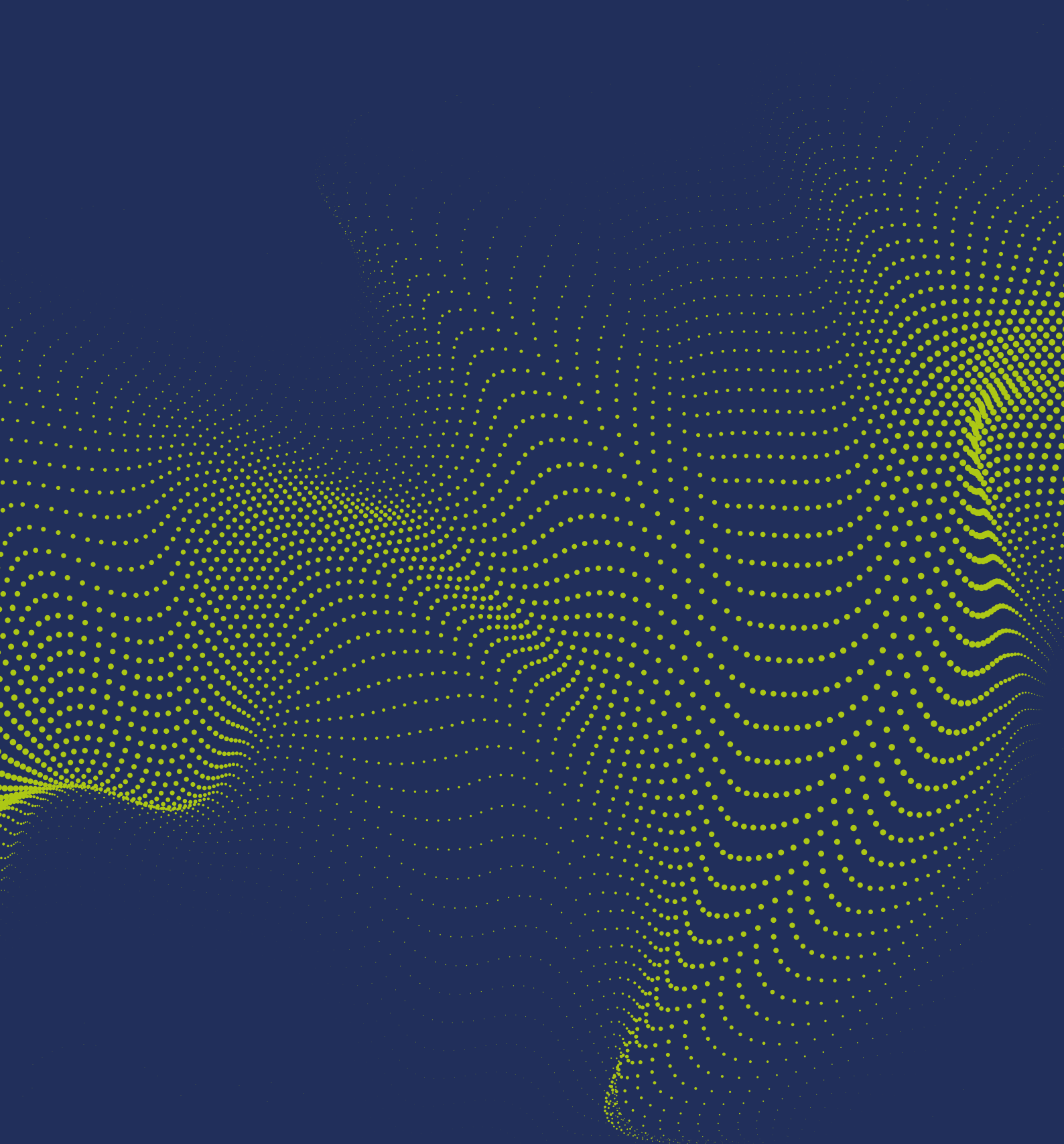
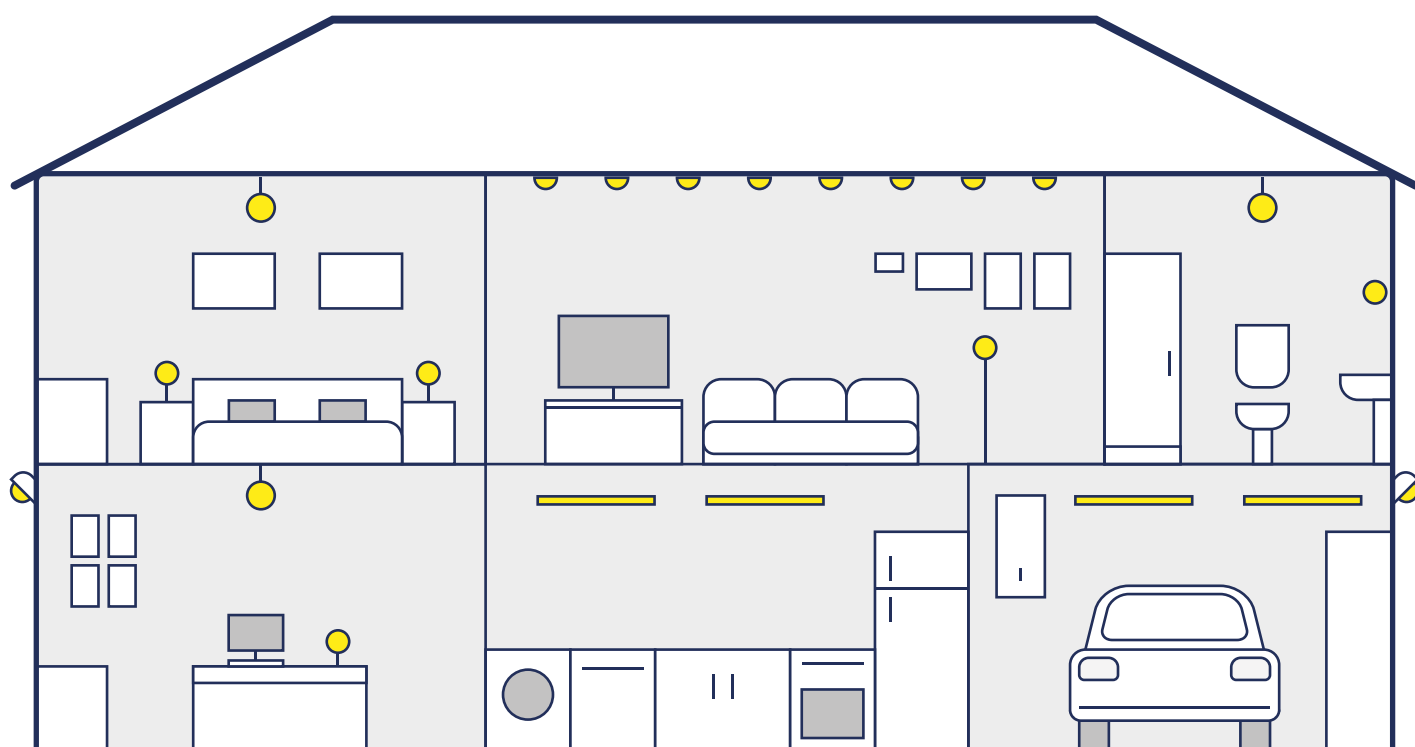




CATÁLOGO DE PRODUCTOS
PRODUCT CATALOG
CATALOGUE DE PRODUITS

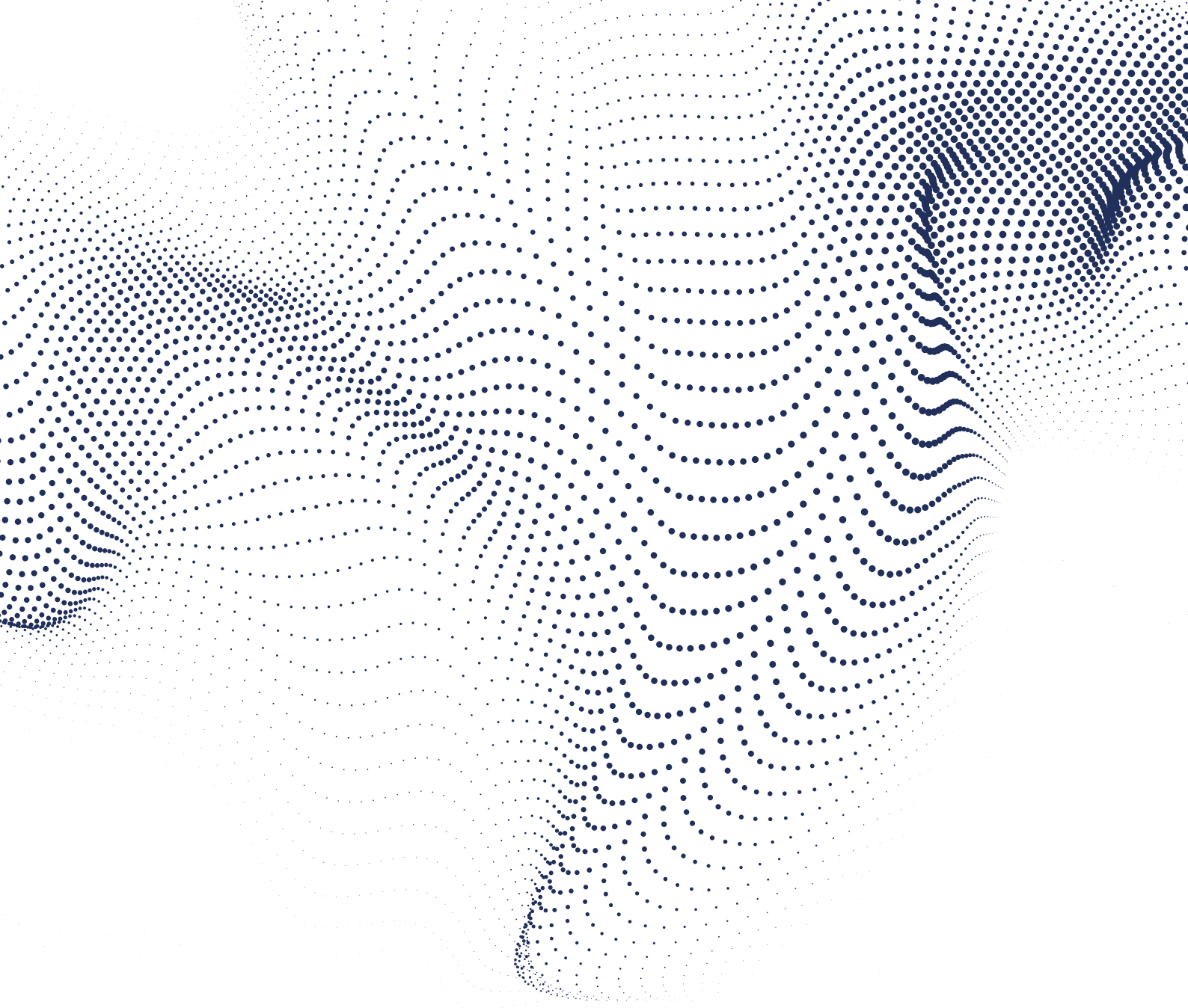
Poupe

85%



ILUMINAÇÃO CONVENCIONAL					ILUMINAÇÃO LED				
	Tipo Lâmpada	Potência	Qt.	Consumo Anual	Tipo Lâmpada	Potência	Qt.	Consumo Anual	
Quarto	Incandescente	40W	01	14,00 €	LED	5W	01	1,75 €	
	Incandescente	40W	02	28,00 €	LED	3W	02	2,10 €	
Sala	Focos embutidos	50W	08	140,00 €	Focos embutidos LED	3W	08	8,40 €	
	Incandescente	40W	01	14,00 €	LED	5W	01	1,75 €	
Casa de Banho	Incandescente	60W	01	21,00 €	LED	10W	01	3,50 €	
	Incandescente	40W	02	28,00 €	LED	3W	02	2,10 €	
Escritório	Incandescente	60W	01	21,00 €	LED	10W	01	3,50 €	
	Incandescente	40W	01	14,00 €	LED	3W	01	1,05 €	
Cozinha	Fluorescente T8	36W	02	25,20 €	Lâmpada T8 LED	18W	02	12,60 €	
Garagem	Fluorescente T8	56W	02	39,20 €	Lâmpada T8 LED	24W	02	16,80 €	
Exterior	Projector Halog.	160W	02	112,00 €	Projector LED Slim	20W	02	14,00 €	
TOTAL				456,40 €	TOTAL				67,55 €

Valores estimados meramente ilustrativos.



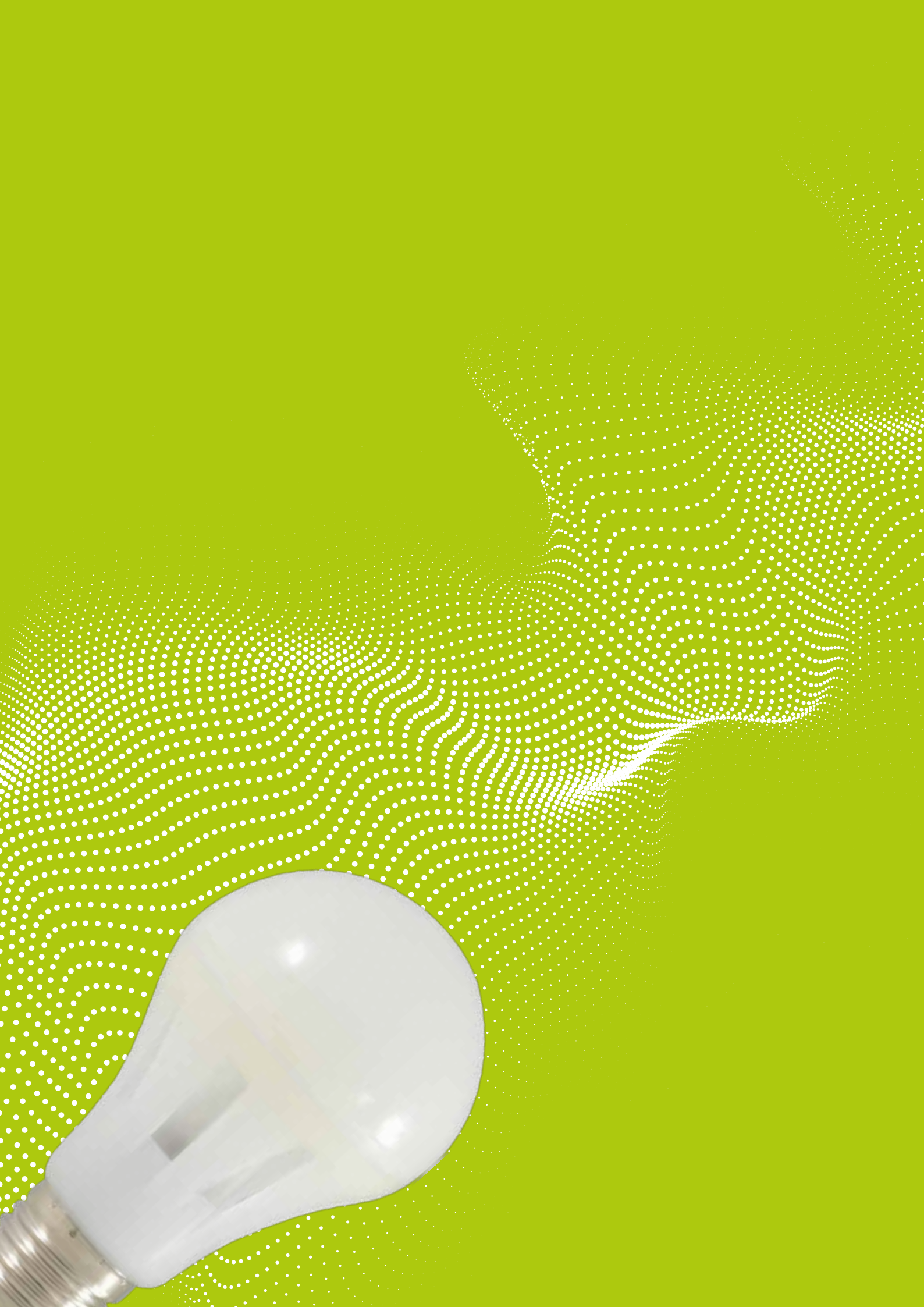


VANTAGENS DA UTILIZAÇÃO DA LÂMPADA LED

- . Consumo de energia muito baixo
- . Fonte de luz de alta intensidade
- . Vida útil extremamente longa
- . Fabricado em materiais de alta qualidade para robustez e uso intensivo
- . Baixa radiação ultravioleta (UV) e infravermelha (IV)
- . Livre de mercúrio
- . Baixa radiação térmica
- . Contribui para um ambiente limpo e saudável
- . Redução das emissões de CO2
- . Resistente ao choque e às vibrações graças à tecnologia sólida LED
- . Baixa atracção de insectos
- . Sem cintilação
- . Máxima iluminação instantânea
- . Sem picos de corrente no arranque

- . Low power consumption
- . High intensity light source
- . Extremely long service life
- . Made of high quality materials for robustness and intensive use
- . Low ultraviolet (UV) and infrared (IV) radiation
- . No Mercury
- . Low thermal radiation
- . It contributes to a clean and healthy environment
- . CO2 reduction emissions
- . Shock and vibration resistant thanks to solid LED technology
- . Low insect attraction
- . No flickering
- . Maximum instant illumination
- . No current spikes at startup

- . *Très faible consommation d'énergie*
- . *Source de lumière à haute intensité*
- . *Durée de vie extrêmement longue*
- . *Fait de matériaux de haute qualité pour la robustesse et l'utilisation intensive*
- . *Faible rayonnement ultraviolet (UV) et infrarouge (IV)*
- . *Sans mercure*
- . *Faible rayonnement thermique*
- . *Contribue à un environnement propre et sain*
- . *Réduction des émissions de CO2*
- . *Résistant aux chocs et vibrations grâce à la technologie LED solide*
- . *Faible attirance des insectes*
- . *Pas de scintillement*
- . *Éclairage instantané maximum*
- . *Pas de pointe au démarrage*



GAMA LED

LED ARRAY • LED PLAGE





REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104007	-	7W	3000K	60X112	600 LM±10%
HB-104008	-	7W	6000K	60X112	600 LM±10%
HB-104009	-	9W	3000K	60X112	800 LM±10%
HB-104010	-	9W	6000K	60X112	800 LM±10%
HB-104011	-	12W	3000K	60X112	1200 LM±10%
HB-104012	-	12W	6000K	60X112	1200 LM±10%

LÂMPADA LED STANDARD

STANDARD LED LAMP . AMPOULE LED STANDARD



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104022	01	4W	4000K	58X98	440 LM±10%
HB-104023	01	4W	6400K	58X98	440 LM±10%
HB-104028	01	8W	4000K	68X117	880 LM±10%
HB-104029	01	8W	6400K	68X117	880 LM±10%
HB-104031	01	10W	4000K	68X117	1100 LM±10%
HB-104032	01	10W	6400K	68X117	1100 LM±10%

LÂMPADA LED STANDARD

STANDARD LED LAMP . AMPOULE LED STANDARD



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104080	01	5W	6000K	58X98	440 LM±10%

LÂMPADA LED STANDARD C/SENSOR

STANDARD LED LAMP . AMPOULE LED STANDARD



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104064	36	7W	4000K	42X120	600 LM±10%
HB-104065	36	7W	6400K	42X120	600 LM±10%
HB-104067	48	9W	4000K	42X130	800 LM±10%
HB-104068	48	9W	6400K	42X130	800 LM±10%
HB-104070	60	11W	6400K	42X140	900 LM±10%
HB-104071	60	11W	4000K	42X140	900 LM±10%
HB-104073	80	14W	4000K	48X135	1200 LM±10%
HB-104074	80	14W	6400K	48X135	1200 LM±10%
HB-104077	96	16W	6400K	48X145	1400 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104103	-	5W	3000K	37X100	470 LM±10%
HB-104104	-	5W	6000K	37X100	470 LM±10%



LÂMPADA LED VELA
AMPOULE LED BOUGIE . CANDLE LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104205	-	5W	3000K	45X82	470 LM±10%
HB-104206	-	5W	6000K	45X82	470 LM±10%



LÂMPADA LED ESFÉRICA
AMPOULE LED SPHÉRIQUE . BALL LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104207	-	5W	3000K	45X80	470 LM±10%
HB-104208	-	5W	6000K	45X80	470 LM±10%



LÂMPADA LED ESFÉRICA
AMPOULE LED SPHÉRIQUE . BALL LED LAMP





GU10



2835



120°

AC220
240V50 000
HORAS

-10~60°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104301	24	5W	3000K	49,8X52,2	400 LM±10%
HB-104318	25	5W	4000K	49,8X52,2	375 LM±10%
HB-104302	24	5W	6000K	49,8X52,2	400 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



MR16



2835



120°



12V

50 000
HORAS

-10~60°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104303	24	5W	3000K	49,8X46	400 LM±10%
HB-104304	24	5W	6000K	49,8X46	400 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



GU10



COB



60°

AC220
240V50 000
HORAS

-10~60°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104305	01	7W	3000K	49,8X52,2	560 LM±10%
HB-104306	01	7W	6000K	49,8X52,2	560 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



MR16



COB



60°



12V

50 000
HORAS

-10~60°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104307	01	7W	3000K	49,8X52,2	560 LM±10%
HB-104308	01	7W	6000K	49,8X52,2	560 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



#9321698

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104309	48	2,5W	3000K	50X54,5	210 LM±10%
HB-104310	48	2,5W	6000K	50X54,5	210 LM±10%



GU10



3528



120°

AC220
240V50 000
HORAS

-10~60°



LÂMPADA LED
AMPOULE LED . LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104311	60	3W	3000K	50X54,5	260 LM±10%
HB-104312	60	3W	6000K	50X54,5	260 LM±10%



GU10



3528



120°

AC220
240V50 000
HORAS

-10~60°



LÂMPADA LED
AMPOULE LED . LED LAMP



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104313	01	5W	RGB	49X63	400 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104314	01	5W	RGB	49X63	400 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104315	24	5W	3000K	49,8X52,2	400 LM±10%
HB-104316	24	5W	6000K	49,8X52,2	400 LM±10%
HB-104317	24	5W	4000K	49,8X52,2	400 LM±10%

LÂMPADA LED DIMÁVEL

DIMMABLE LAMP . AMPOULE DIMMABLE

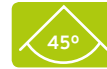


REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104319	25	7W	4000K	49,8X52,2	525 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104401	09	9W	3000K	64X81	800 LM±10%
HB-104402	09	9W	6000K	64X81	800 LM±10%
HB-104403	12	12W	3000K	96X90	1000 LM±10%
HB-104404	12	12W	6000K	96X90	1000 LM±10%



LÂMPADA LED PAR
AMPOULE LED PAIRE . LED LAMP PAIR

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104501	13	2W	3000K	14,6X36	200 LM±10%
HB-104502	13	2W	6000K	14,6X36	200 LM±10%



LÂMPADA LED
AMPOULE LED . LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104521	17	2,3W	3000K	14,6X36	230 LM±10%
HB-104522	17	2,3W	6000K	14,6X36	230 LM±10%



LÂMPADA LED
AMPOULE LED . LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104601	17	2,3W	3000K	16X41	230 LM±10%
HB-104602	17	2,3W	6000K	16X41	230 LM±10%



LÂMPADA LED
AMPOULE LED . LED LAMP



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104701	64	3W	3000K	16X41	170 LM±10%
HB-104702	64	3W	6000K	16X41	170 LM±10%

LÂMPADA LED SILICONE

SILICONE LED LAMP . AMPOULE LED SILICONE



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104703	45	3,5W	3000K	16X45	300 LM±10%
HB-104704	45	3,5W	6000K	16X45	300 LM±10%

LÂMPADA LED DIMÁVEL

DIMMABLE LAMP . AMPOULE DIMMABLE



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104705	45	3,5W	3000K	16X51	300 LM±10%
HB-104706	45	3,5W	6000K	16X51	300 LM±10%

LÂMPADA LED DIMÁVEL

DIMMABLE LAMP . AMPOULE DIMMABLE



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104990	72	10W	6000K	25X118	800 LM±10%
HB-104991	144	15W	6000K	25X189	1200 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104801	48	9W	3000K	26X600	900 LM±10%
HB-104813	48	9W	4000K	26X600	900 LM±10%
HB-104802	48	9W	6000K	26X600	900 LM±10%
HB-104803	96	18W	3000K	26X1200	1800 LM±10%
HB-104814	96	18W	4000K	26X1200	1800 LM±10%
HB-104804	96	18W	6000K	26X1200	1800 LM±10%
HB-104805	120	24W	3000K	26X1500	2400 LM±10%
HB-104815	120	24W	4000K	26X1500	2400 LM±10%
HB-104806	120	24W	6000K	26X1500	2400 LM±10%



LÂMPADA LED T8 OPALINA
AMPOULE LED OPALINE . OPALINE LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104807	48	9W	3000K	26X600	900 LM±10%
HB-104808	48	9W	6000K	26X600	900 LM±10%
HB-104809	96	18W	3000K	26X1200	1800 LM±10%
HB-104810	96	18W	6000K	26X1200	1800 LM±10%
HB-104811	120	24W	3000K	26X1500	2400 LM±10%
HB-104812	120	24W	6000K	26X1500	2400 LM±10%



LÂMPADA LED T8 TRANSPARENTE
AMPOULE LED TRANSPARENT . TRANSPARENT LED LAMP





REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104901	35	7W	3000K	129X35X36,5	660 LM±10%
HB-104902	35	7W	6000K	129X35X36,5	660 LM±10%
HB-104905	44	9W	3000K	150X35X36,5	820 LM±10%
HB-104906	44	9W	6000K	150X35X36,5	820 LM±10%
HB-104909	64	13W	3000K	197X35X36,5	1200 LM±10%
HB-104910	64	13W	6000K	197X35X36,5	1200 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104903	35	7W	3000K	132X35X36,5	660 LM±10%
HB-104904	35	7W	6000K	132X35X36,5	660 LM±10%
HB-104907	44	9W	3000K	153X35X36,5	820 LM±10%
HB-104908	44	9W	6000K	153X35X36,5	820 LM±10%
HB-104911	64	13W	3000K	200X35X36,5	1200 LM±10%
HB-104912	64	13W	6000K	200X35X36,5	1200 LM±10%

LÂMPADA LED

LED LAMP . AMPOULE LED



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104930	81	27W	3000K	93X196,5	3100 LM±10%
HB-104931	81	27W	6000K	93X196,5	3100 LM±10%
HB-104936	135	45W	3000K	93X246,5	4700 LM±10%
HB-104937	135	45W	6000K	93X246,5	4700 LM±10%

LÂMPADA LED HIGH POWER

LED LAMP . AMPOULE LED



REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104939	162	54W	3000K	93X271,5	5100 LM±10%
HB-104940	162	54W	6000K	93X271,5	5100 LM±10%
HB-104942	135	45W	3000K	93X246,5	4700 LM±10%
HB-104943	135	45W	6000K	93X246,5	4700 LM±10%
HB-104960	240	80W	6000K	118X302	800 LM±10%
HB-104946	288	100W	6000K	118X342	1000 LM±10%

LÂMPADA LED HIGH POWER

LED LAMP . AMPOULE LED

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-104955	72	8W	6000K	25X118	800 LM±10%
HB-104958	144	12W	6000K	25X189	1200 LM±10%



R7S



2835



360°



AC85
265V



50 000
HORAS



-20~60°



LÂMPADA LED R7S
AMPOULE LED . LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-109001	01	15W	3000K	110X70	1300 LM±10%
HB-109002	01	15W	6000K	110X70	1300 LM±10%



GU10



COB



60°



AC85
265V



50 000
HORAS



-10~60°



LÂMPADA LED AR111
AMPOULE LED . LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-109003	01	15W	3000K	110X70	1300 LM±10%
HB-109004	01	15W	6000K	110X70	1300 LM±10%



G53



COB



60°



12V



50 000
HORAS



-10~60°



LÂMPADA LED AR111
AMPOULE LED . LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-109005	01	15W	3000K	110X70	1300 LM±10%
HB-109007	01	15W	6000K	110X70	1300 LM±10%



DIMMABLE



GU10



COB



60°



12V



50 000
HORAS



-10~60°



LÂMPADA LED AR111
AMPOULE LED . LED LAMP

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-109008	01	15W	3000K	110X70	1300 LM±10%
HB-109010	01	15W	6000K	110X70	1300 LM±10%



DIMMABLE



G53



COB



60°



12V



50 000
HORAS



-10~60°



LÂMPADA LED AR111
AMPOULE LED . LED LAMP



IP65

AC100
265V

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-102011	01	10W	3000K	150X110X79	700 LM±10%
HB-102012	01	10W	6000K	150X110X79	700 LM±10%

PROJETOR LED C/SENSOR

MOTION SENSOR LED FLOODLIGHT . PROJECTEUR LED AVEC DÉTECTEUR



REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-102024	40	20W	6000K	200X180X100	1800 LM±10%
HB-102026	60	30W	6000K	220X230X120	2400 LM±10%

IP65

2835

120°

AC85
265V50 000
HORAS

-20~40°

**PROJETOR LED C/SENSOR**

PROJECTEUR LED AVEC DÉTECTEUR . MOTION SENSOR LED FLOODLIGHT

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103021	20	10W	4000K	130X88X40	900 LM±10%
HB-103022	20	10W	6000K	130X88X40	900 LM±10%
HB-103033	40	20W	4000K	193X144X48	1800 LM±10%
HB-103034	40	20W	6000K	193X144X48	1800 LM±10%
HB-103023	60	30W	4000K	230X186X54	2700 LM±10%
HB-103024	60	30W	6000K	230X186X54	2700 LM±10%
HB-103025	100	50W	4000K	313X235X65	4500 LM±10%
HB-103026	100	50W	6000K	313X235X65	4500 LM±10%
HB-103027	200	80W	4000K	360X288X78	7000 LM±10%
HB-103028	200	80W	6000K	360X288X78	7000 LM±10%
HB-103029	200	100W	4000K	360X288X78	9000 LM±10%
HB-103030	200	100W	6000K	360X288X78	9000 LM±10%
HB-103031	300	150W	4000K	375X400X125	13500 LM±10%
HB-103032	300	150W	6000K	375X400X125	13500 LM±10%

IP65

2835

120°

AC100
265V50 000
HORAS

-20~40°

**PROJETOR LED**

PROJECTEUR LED . LED FLOODLIGHT

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103042	18	20W	6000K	180X145X40	1800 LM±10%
HB-103044	27	30W	6000K	225X200X50	2700 LM±10%
HB-103046	45	50W	6000K	230X240X50	4500 LM±10%
HB-103048	90	100W	6000K	350X285X44	9000 LM±10%
HB-103049	18	20W	4000K	180X145X40	1800 LM±10%
HB-103050	27	30W	4000K	225X200X50	2700 LM±10%
HB-103051	45	50W	4000K	230X240X50	4500 LM±10%
HB-103052	90	100W	4000K	350X285X44	9000 LM±10%

IP65

5050

45°

AC100
265V50 000
HORAS

-20~40°

**PROJETOR LED**

PROJECTEUR LED . LED FLOODLIGHT



IP68	2835
30°	AC85 265V
30 000 HORAS	-20~60°

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103005	03	3W	3000K	104X270	330 LM±10%
HB-103006	03	3W	3000K	104X270	330 LM±10%

PROJETOR LED C/ ESPETO

STAKE LED FLOODLIGHT . PROJECTEUR LED AVEC PIQUET



IP68	2835
30°	AC85 265V
30 000 HORAS	-20~60°

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103001	03	3W	3000K	85X125X63	330 LM±10%
HB-103002	03	3W	6000K	85X125X63	330 LM±10%

PROJETOR LED SALIENTE

SURFACE LED FLOODLIGHT . PROJECTEUR LED SAILLANTE



IP68	2835
30°	AC85 265V
30 000 HORAS	-20~60°

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103003	05	5W	3000K	120X80X100	550 LM±10%
HB-103004	05	5W	6000K	120X80X100	550 LM±10%

PROJETOR LED SALIENTE

SURFACE LED FLOODLIGHT . PROJECTEUR LED SAILLANTE

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103101	01	1W	3000K	52X86	110 LM±10%
HB-103102	01	1W	6000K	52X86	110 LM±10%

IP68

 2835
AC85
265V

-20~60°

**PROJETOR LED REDONDO DE ENCASTRAR**

PROJECTEUR LED ROND ENCASTRABLE . ROUND EMBEDDED LED FLOODLIGHT

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103103	01	1W	3000K	52X52X86	110 LM±10%
HB-103104	01	1W	6000K	52X52X86	110 LM±10%

IP68

 2835
AC85
265V

-20~60°

**PROJETOR LED QUADRADO DE ENCASTRAR**

PROJECTEUR LED CARRÉ ENCASTRABLE . SQUARE EMBEDDED LED FLOODLIGHT

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103105	01	1W	3000K	52X59	110 LM±10%
HB-103106	01	1W	6000K	52X59	110 LM±10%

IP68

 2835
AC85
265V

-20~60°

**PROJETOR LED QUADRADO DE ENCASTRAR**

PROJECTEUR LED CARRÉ ENCASTRABLE . SQUARE EMBEDDED LED FLOODLIGHT

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103201	06	6W	3000K	150X90	700 LM±10%
HB-103202	06	6W	6000K	150X90	700 LM±10%
HB-103203	12	12W	3000K	210X90	1400 LM±10%
HB-103204	12	12W	6000K	210X90	1400 LM±10%
HB-103206	18	18W	6000K	250X90	2250 LM±10%
HB-103208	36	36W	6000K	300X90	4500 LM±10%

IP65

 2835
AC85
265V

-20~60°

**PROJETOR LED REDONDO DE ENCASTRAR CHÃO**

PROJECTEUR LED ROND ENCASTRABLE ÉTAGE . GROUND ROUND EMBEDDED LED FLOODLIGHT



PAINEL LEDLED PANEL . PANNEAU LED
HB-101001 . HB-101002**PAINEL LED**PANNEAU LED . LED PANEL
HB-101003 . HB-101004

REF.	QUANT.	POTÊNCIA	COR	TAMANHO	FLUXO	CORTE
REF.	AMOUNT	POWER	COLOR	SIZE	FLOW	CUT
REF.	QUANTITÉ	PUISSANCE	COULEUR	TAILLE	FLUX	COUPER
HB-101001	192	40W	4000K	600X600X10	3800 LM±10%	595X595
HB-101002	192	40W	6000K	600X600X10	3800 LM±10%	595X595
HB-101003	192	40W	4000K	600X600X10	3800 LM±10%	595X595
HB-101004	192	40W	6000K	600X600X10	3800 LM±10%	595X595

IP20

AC220
240V50 000
HORAS

-20~60°

PAINEL LEDLED PANEL . PANNEAU LED
HB-101005 . HB-101006**PAINEL LED**PANNEAU LED . LED PANEL
HB-101007 . HB-101008

REF.	QUANT.	POTÊNCIA	COR	TAMANHO	FLUXO	CORTE
REF.	AMOUNT	POWER	COLOR	SIZE	FLOW	CUT
REF.	QUANTITÉ	PUISSANCE	COULEUR	TAILLE	FLUX	COUPER
HB-101005	144	40W	4000K	300X1200X10	3800 LM±10%	295X1195
HB-101006	144	40W	6000K	300X1200X10	3800 LM±10%	295X1195
HB-101007	144	40W	4000K	300X1200X10	3800 LM±10%	295X1195
HB-101008	144	40W	6000K	300X1200X10	3800 LM±10%	295X1195

IP20

AC220
240V50 000
HORAS

-20~60°

REF.	DESCRIÇÃO
REF.	DESCRIPTION
REF.	DESCRIPTION
HB-101048	600X600
HB-101049	600X600 - BR
HB-101050	300X1200
HB-101051	300X1200 - BR

Aro Encastrar PaineL LED



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION		
HB-101040	LED Driver para painel Led Driver for Panel <i>Conducteur Led pour Panneau</i>	40W	
HB-101041	Suspensão para Painel LED Suspension for Panel Led <i>Suspension pour Panneau Led</i>		
HB-101042	LED Driver para painel Led Driver for Panel <i>Conducteur Led pour Panneau</i>	40W	
HB-101047	Mola para painel		

REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION		
HB-101043		1200X300	
HB-101044	Aro Saliente para painel Outrigger for Panel	600X600	
HB-101045		600X600 BR	
HB-101047		1200X300 - BR	

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-101107	15	3W	4200K	85X21	230 LM±10%	68
HB-101108	15	3W	6000K	85X21	230 LM±10%	68
HB-101101	30	6W	4200K	120X21	480 LM±10%	108
HB-101102	30	6W	6000K	120X21	480 LM±10%	108
HB-101135	30	9W	4200K	120X21	720 LM±10%	133,5
HB-101136	30	9W	6000K	120X21	720 LM±10%	133,5
HB-101103	60	12W	4200K	175X21	960 LM±10%	160
HB-101104	60	12W	6000K	175X21	960 LM±10%	160
HB-101105	90	18W	4200K	225X21	1440 LM±10%	205
HB-101106	90	18W	6000K	225X21	1440 LM±10%	205

**PAINEL LED REDONDO ENCASTRAR**

ROUND EMBEDDED LED PANEL . PANNEAU LED ENCASTRABLE ROND

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-101109	60	3W	4200K	85X21	230 LM±10%	68
HB-101110	15	3W	6000K	85X21	230 LM±10%	68
HB-101111	30	6W	4200K	120X21	480 LM±10%	108
HB-101112	30	6W	6000K	120X21	480 LM±10%	108
HB-101137	30	9W	4200K	120X21	720 LM±10%	133,5
HB-101138	30	9W	6000K	120X21	720 LM±10%	133,5
HB-101113	60	12W	4200K	175X21	960 LM±10%	160
HB-101114	60	12W	6000K	60X112	960 LM±10%	160
HB-101115	90	18W	4200K	225X21	1440 LM±10%	205
HB-101116	90	18W	6000K	225X21	1440 LM±10%	205



PAINEL LED REDONDO ENCASTRAR
PANNEAU LED ENCASTRABLE ROND . ROUND EMBEDDED LED PANEL

REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	
HB-101117	Led Driver para Painei	6W
HB-101118	Led Driver for Panel	12W
HB-101119	Conducteur Led pour Panneau	18W



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	
HB-101120		3W
HB-101121	Led Driver para Painei com filtro	6W
HB-101122	Led Driver for Panel with filter	12W
HB-101123	Conducteur Led pour Panneau avec le filtre	18W



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION		DIMMABLE
HB-101124	Led Driver para Painei	3W	
HB-101125	Led Driver for Panel	6W	
HB-101126	Conducteur Led pour Panneau	12W	
HB-101127		18W	





PAINEL LED QUADRADO ENCASTRAR

SQUARE EMBEDDED LED PANEL . PANNEAU LED ENCASTRABLE CARRÉ

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-101207	15	3W	4200K	85X85X21	230 LM±10%	68X68
HB-101208	15	3W	6000K	85X85X21	230 LM±10%	68X68
HB-101201	30	6W	4200K	120X120X21	480 LM±10%	103X103
HB-101202	30	6W	6000K	120X120X21	480 LM±10%	103X103
HB-101220	-	9W	4200K	-	- LM±10%	-
HB-101221	-	9W	6000K	-	- LM±10%	-
HB-101203	60	12W	4200K	175X175X21	960 LM±10%	153X153
HB-101204	60	12W	6000K	175X175X21	960 LM±10%	153X153
HB-101205	90	18W	4200K	225X225X21	1440 LM±10%	203X203
HB-101206	90	18W	6000K	225X225X21	1440 LM±10%	203X203



PAINEL LED QUADRADO ENCASTRAR

SQUARE EMBEDDED LED PANEL . PANNEAU LED ENCASTRABLE CARRÉ

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-101209	15	3W	4200K	85X85X21	210 LM±10%	68X68
HB-101210	15	3W	6000K	85X85X21	210 LM±10%	68X68
HB-101211	30	6W	4200K	120X120X21	480 LM±10%	103X103
HB-101212	30	6W	6000K	120X120X21	480 LM±10%	103X103
HB-101222	-	9W	4200K	-	- LM±10%	-
HB-101223	-	9W	6000K	-	- LM±10%	-
HB-101213	60	12W	4200K	175X175X21	960 LM±10%	153X153
HB-101214	60	12W	6000K	175X175X21	960 LM±10%	153X153
HB-101215	90	18W	4200K	225X225X21	1440 LM±10%	203X203
HB-101216	90	18W	6000K	225X225X21	1440 LM±10%	203X203



PAINEL LED DE SUPERFÍCIE REDONDA

ROUND SURFACE LED PANEL . PANNEAU LED SAILLANT ROND

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-101301	30	6W	4200K	120X35	480 LM±10%
HB-101302	30	6W	6000K	120X35	480 LM±10%
HB-101303	30	12W	4200K	172X35	960 LM±10%
HB-101304	30	12W	6000K	172X35	960 LM±10%
HB-101305	30	18W	4200K	225X35	1440 LM±10%
HB-101306	30	18W	6000K	225X35	1440 LM±10%
HB-101307	120	24W	4200K	300X35	1920 LM±10%
HB-101308	120	24W	6000K	300X35	1920 LM±10%



PAINEL LED REDONDO SALIENTE

ROUND SURFACE LED PANEL . PANNEAU LED SAILLANT ROND

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-101315	120	24W	4200K	300X35	1920 LM±10%
HB-101316	120	24W	6000K	300X35	1920 LM±10%

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-101401	30	6W	4200K	120X120X35	480 LM±10%
HB-101402	30	6W	6000K	120X120X35	480 LM±10%
HB-101403	60	12W	4200K	170X170X35	960 LM±10%
HB-101404	60	12W	6000K	170X170X35	960 LM±10%
HB-101405	90	18W	4200K	225X225X35	1440 LM±10%
HB-101406	90	18W	6000K	225X225X35	1440 LM±10%
HB-101407	120	24W	4200K	300X300X35	1920 LM±10%
HB-101408	120	24W	6000K	300X300X35	1920 LM±10%

IP20

2835

120°

AC85
265V30 000
HORAS

-40~50°



PAINEL LED DE SUPERFÍCIE QUADRADA
PANNEAU LED SAILLANTE CARRÉ . SQUARE SURFACE LED PANEL

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-101415	120	24W	4200K	300X300X35	1920 LM±10%
HB-101416	120	24W	6000K	300X300X35	1920 LM±10%

IP33

2835

120°

AC85
265V30 000
HORAS

-40~50°

PAINEL LED QUADRADO SALIENTE
PANNEAU LED SAILLANTE CARRÉ . SQUARE SURFACE LED PANEL





IP20

COB

120°

AC100
240V30 000
HORAS

-20~60°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-105103	01	10W	3000K	180X60	700 LM±10%	150
HB-105104	01	10W	6000K	180X60	700 LM±10%	150
HB-105101	01	20W	3000K	220X70	1400 LM±10%	190
HB-105102	01	20W	6000K	220X70	1400 LM±10%	190
HB-105001	01	30W	3000K	230X80	2100 LM±10%	200
HB-105002	01	30W	6000K	230X80	2100 LM±10%	200

LED DOWNLIGHT

LED DOWNLIGHT . DOWNLIGHT LED



IP20

2835

45°

AC85
265V30 000
HORAS

-10~60°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-105021	03	3W	3000K	68X40	240 LM±10%	55

LED DOWNLIGHT

LED DOWNLIGHT . DOWNLIGHT LED



IP20

COB

160°

AC85
265V30 000
HORAS

-30~40°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-105201	01	30W	3000K	235X147X85	2300 LM±10%	205X105
HB-105202	01	30W	6000K	235X147X85	2300 LM±10%	205X105

PROJETOR LED INTERIOR

INTERIOR LED FLOODLIGHT . PROJETATEUR LED INTÉRIEUR



IP20

2835

24°

AC100
240V30 000
HORAS

-20~60°

REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX	CORTE CUT COUPER
HB-105301	12	12W	3000K	145X145X138	800 LM±10%	130X130
HB-105302	12	12W	6000K	145X145X138	800 LM±10%	130X130
HB-105303	24	24W	3000K	280X145X138	1600 LM±10%	265X130
HB-105304	24	24W	6000K	280X145X138	1600 LM±10%	265X130
HB-105305	36	36W	3000K	395X145X145	2200 LM±10%	380X130
HB-105306	36	36W	6000K	395X145X145	2200 LM±10%	380X130

PROJETOR LED SIMPLES ENCASTRAR

SIMPLE EMBEDDED LED FLOODLIGHT . PROJETATEUR LED SIMPLE ENCASTRABLE

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-107001	01	10W	3000K	97X50	700 LM±10%
HB-107002	01	10W	6000K	97X50	700 LM±10%
HB-107003	01	20W	3000K	120X78	1300 LM±10%
HB-107004	01	20W	6000K	120X78	1300 LM±10%
HB-107005	01	30W	3000K	130X100	2200 LM±10%
HB-107006	01	30W	6000K	130X100	2200 LM±10%
HB-107007	01	40W	3000K	145X110	2800 LM±10%
HB-107008	01	40W	6000K	145X110	2800 LM±10%

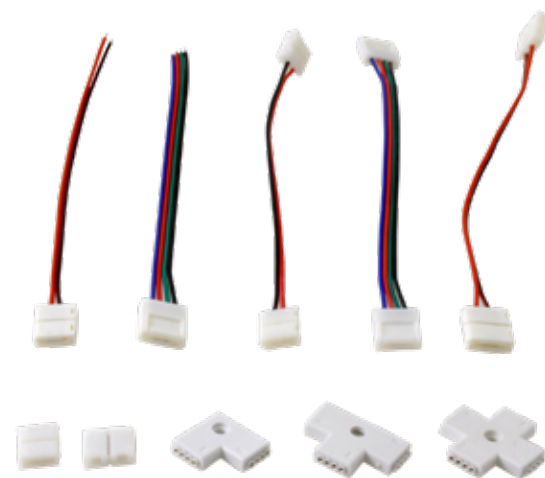


PROJETOR LED PARA CALHA
PROJETATEUR LED POUR RAIL . TRACK RAIL FOR LED FLOODLIGHT

REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	Cor COLOR COULEUR
HB-107041	Calha Electrificada Track Rail	Branco . White . Blanc
HB-107042	Rail Electrique	Preto . Black . Noir
HB-107043	Conector para calha electrificada Corner Track Rail Connecteur Coin	
HB-107044	União para calha electrificada Track Rail Union Union Rail	



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	CARACTERÍSTICAS CHARACTERISTICS CARACTÉRISTIQUES
HB-108041	União Fita Led Led Strip Union	8mm
HB-108042	Union Ruban Led	RGB
HB-108043	Conector Simples Simple Connector	8mm
HB-108044	Connecteur Simple	RGB
HB-108045	Conector Duplo Double Connector	8mm
HB-108046	Connecteur Double	RGB
HB-108047		10mm
HB-108048	Conector	"L"
HB-108049	Connector	"T"
HB-108050	Connecteur	"cruz"



**FITA LED**

LED STRIP . RUBAN LED

IP65	5050	REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
120°	12V	HB-108001	60	14,4W/MT	6000K	10X5000	700 LM±10%
30 000 HORAS		HB-108002	60	14,4W/MT	3000K	10X5000	700 LM±10%
		HB-108003	60	14,4W/MT	RGB	10X5000	-
		HB-108004	30	7,2W/MT	6000K	10X5000	400 LM±10%
		HB-108005	30	7,2W/MT	3000K	10X5000	400 LM±10%
		HB-108006	30	7,2W/MT	RGB	10X5000	-

**FITA LED**

LED STRIP . RUBAN LED

IP65	3528	REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
120°	12V	HB-108007	60	4,8W/MT	6000K	8X5000	300 LM±10%
30 000 HORAS		HB-108008	60	4,8W/MT	3000K	8X5000	300 LM±10%
		HB-108009	120	9,6W/MT	6000K	8X5000	500 LM±10%
		HB-108010	120	9,6W/MT	6000K	8X5000	500 LM±10%



REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-108061	-	10W	-	95X25X15	-
HB-108062	-	20W	-	182X30X20	-
HB-108063	-	30W	-	216X30X20	-
HB-108064	-	50W	-	200X35X25	-
HB-108065	-	60W	-	169X52X34	-
HB-108066	-	100W	-	210X68,5X44	-
HB-108067	-	120W	-	210X68,5X44	-
HB-108068	-	150W	-	240X70X45	-



LED DRIVER
CONDUCTEUR LED . LED DRIVER

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-108080	-	12W	-	70X38X30	-
HB-108081	-	24W	-	85X58X37	-
HB-108082	-	38W	-	110X78X37	-
HB-108083	-	60W	-	159X58X42	-
HB-108084	-	100W	-	159X58X42	-
HB-108085	-	120W	-	198X98X42	-
HB-108086	-	150W	-	198X98X42	-



LED DRIVER
CONDUCTEUR LED . LED DRIVER

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-108101	30	7,2W/MT	6000K	5000	500 LM±10%
HB-108102	30	7,2W/MT	3000K	5000	500 LM±10%
HB-108103	60	14,4W/MT	6000K	5000	900 LM±10%
HB-108104	60	14,4W/MT	3000K	5000	900 LM±10%
HB-108105	60	14,4W/MT	RGB	5000	-
HB-108106	60	14,4W/MT	Azul/Blue	5000	-



FITA LED
RUBAN LED . LED STRIP

REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION
CONJ.	Conjunto Acessório Fita Led Led Strip Accessory Set <i>Jeu d'accessoires Ruben Led</i>
HB-108141	Cabo Alimentação Power Cord <i>Câble d'alimentation</i>
HB-108144	Conector Fita Led Connector Led Strip <i>Bande Led Connecteur</i>
HB-108146	Topo Fim Linha Fita Led 220V End Cap Led Strip <i>Dessus Ruban Led</i>
HB-108147	Braçadeira Fita Led 220V Clip Led Strip <i>Clip de Fixation</i>



REF.
REF.
REF.

DESCRIÇÃO
DESCRIPTION
DESCRIPTION

CONJ.

Conjunto Acessório Fita Led
Led Strip Accessory Set
Jeu d'accessoires Ruben Led

HB-108142

Cabo Alimentação
Power Cord
Câble d'alimentation

HB-108145

Conector Fita Led
Connector Led Strip
Bande Led Connecteur

HB-108146

Topo Fim Linha Fita Led 220V
End Cap Led Strip
Dessus Ruban Led

HB-108147

Braçadeira Fita Led 220V
Clip Led Strip
Clip de Fixation

REF.
REF.
REF.

DESCRIÇÃO
DESCRIPTION
DESCRIPTION

HB-108143

Cabo de alimentação c/controlador RGB
Power cord with RGB controller
Cordon d'alimentation avec contrôleur RGB

HB-108148

Controlador fita led 12V RGB
Led strip controller 12V RGB
Contrôleur ruben led 12V RGB

REF.
REF.
REF.

DESCRIÇÃO
DESCRIPTION
DESCRIPTION

CARACTERÍSTICAS
CHARACTERISTICS
CARACTÉRISTIQUES

HB-301030

Perfil Fita Led

1 MT - Recto . Shell Flat . Droit

HB-301031

Led Strip

1 MT - Canto . Courner . Coin

HB-301032

Profil pour Ruben Led

2 MT - Saliente . Sourface . Saillant

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103300	28	28W	6500K	310X315X150	2800 LM±10%
HB-103301	42	42W	6500K	370X315X150	4600 LM±10%
HB-103302	56	56W	6500K	430X315X150	6150 LM±10%
HB-103303	70	70W	6500K	490X315X150	7700 LM±10%
HB-103304	84	84W	6500K	550X315X150	9200 LM±10%
HB-103305	98	98W	6500K	610X315X150	10500 LM±10%

IP65

AC100
277V

LUMINÁRIA VIÁRIA LED
ÉCLAIRAGE LED PUBLIC. LED STREET LIGHTING

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103306	20	20W	6000K	510X300X80	1600 LM±10%
HB-103307	30	30W	6000K	930X300X45	2400 LM±10%
HB-103308	40	40W	6000K	930X300X45	3200 LM±10%
HB-103309	50	50W	6000K	1136X300X45	4000 LM±10%
HB-103310	60	60W	6000K	1136X300X45	4800 LM±10%
HB-103311	80	80W	6000K	1136X420X45	6400 LM±10%

IP65

12.8V
15AH

LUMINÁRIA VIÁRIA LED SOLAR
ÉCLAIRAGE LED PUBLIC SOLAIRE. SOLAR LED STREET LIGHTING

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-103401	110	100W	6000K	310X140	13000 LM±10%
HB-103402	165	150W	6000K	360X175	19000 LM±10%
HB-103403	220	200W	6000K	410X185	26000 LM±10%

IP65

AC85
265V

CAMPANULA INDUSTRIAL
ÉCLAIRAGE INDUSTRIEL LED. LED HIGH BAY



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	
HB-301025	Armadura Prismática T8	600mm
HB-301026	Led Prismatic Fiting T8	1200mm
HB-301027	Réglette Prismatic Led T8	600mm



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION		
HB-301040			600mm
HB-301038		X1	1200mm
HB-301036	Armadura Estanque Led T8		1500mm
HB-301039	Waterproof Fiting T8		600mm
HB-301037	Réglette Étanche Led T8	X2	1200mm
HB-301035			1500mm

AC165
265V

REF. REF. REF.	QUANT. AMOUNT QUANTITÉ	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-101009	44	16W	6500K	592X75X26	1100 LM±10%
HB-101010	88	32W	6500K	1192X75X26	2300 LM±10%

ARMADURA FLAT

TRACK RAIL FOR LED FLOODLIGHT . PROJÉTATEUR LED POUR RAIL

3.7 V
1200mAh

2835

160°

AC85
265V

3000

IP20

REF.	QUANT.	POTÊNCIA	COR	TAMANHO	FLUXO
REF.	AMOUNT	POWER	COLOR	SIZE	FLOW
REF.	QUANTITÉ	PUISSANCE	COULEUR	TAILLE	FLUX
HB-103055	30	3W	6500K	65X40X220	-

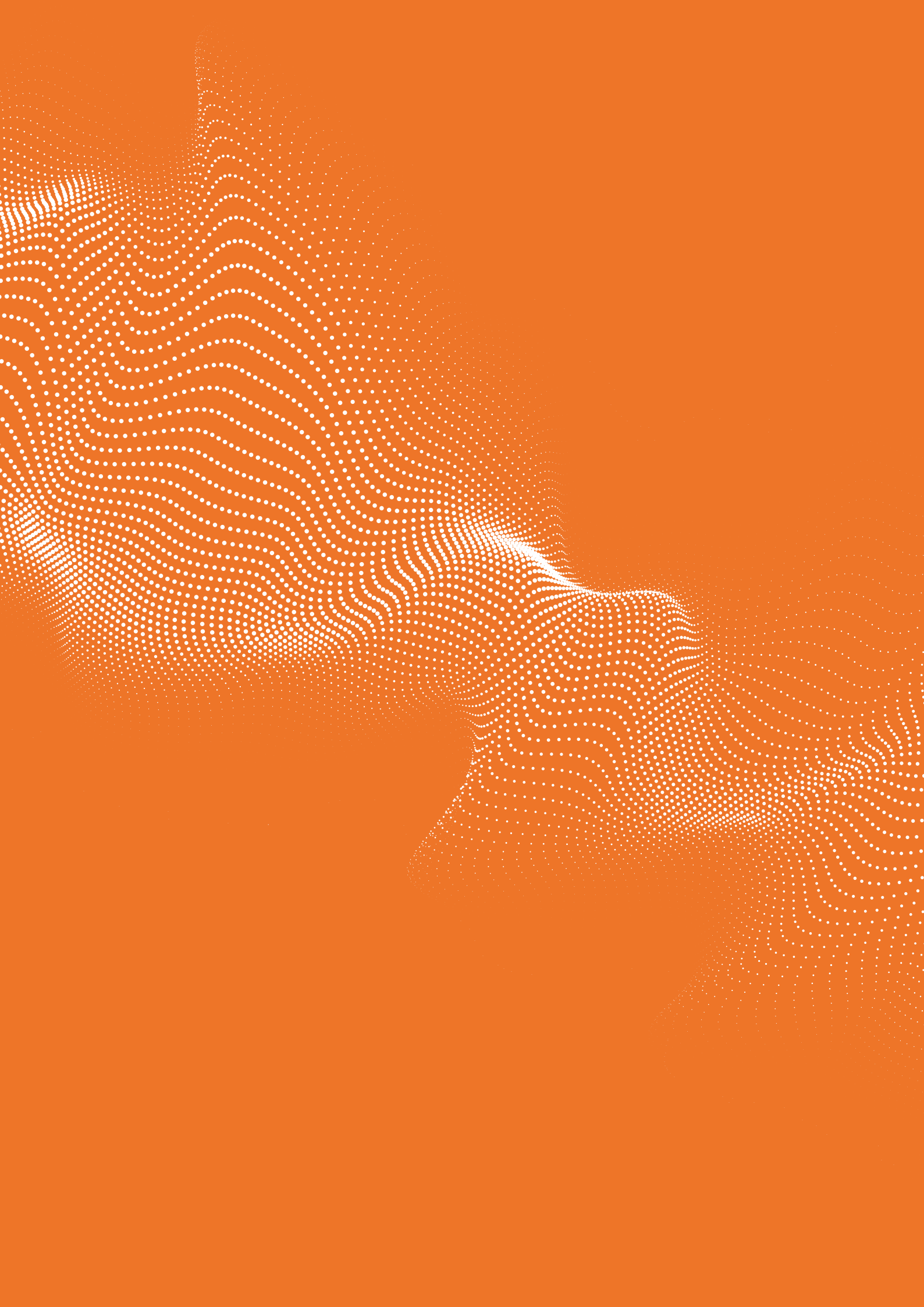
ARMADURA EMERGÊNCIA

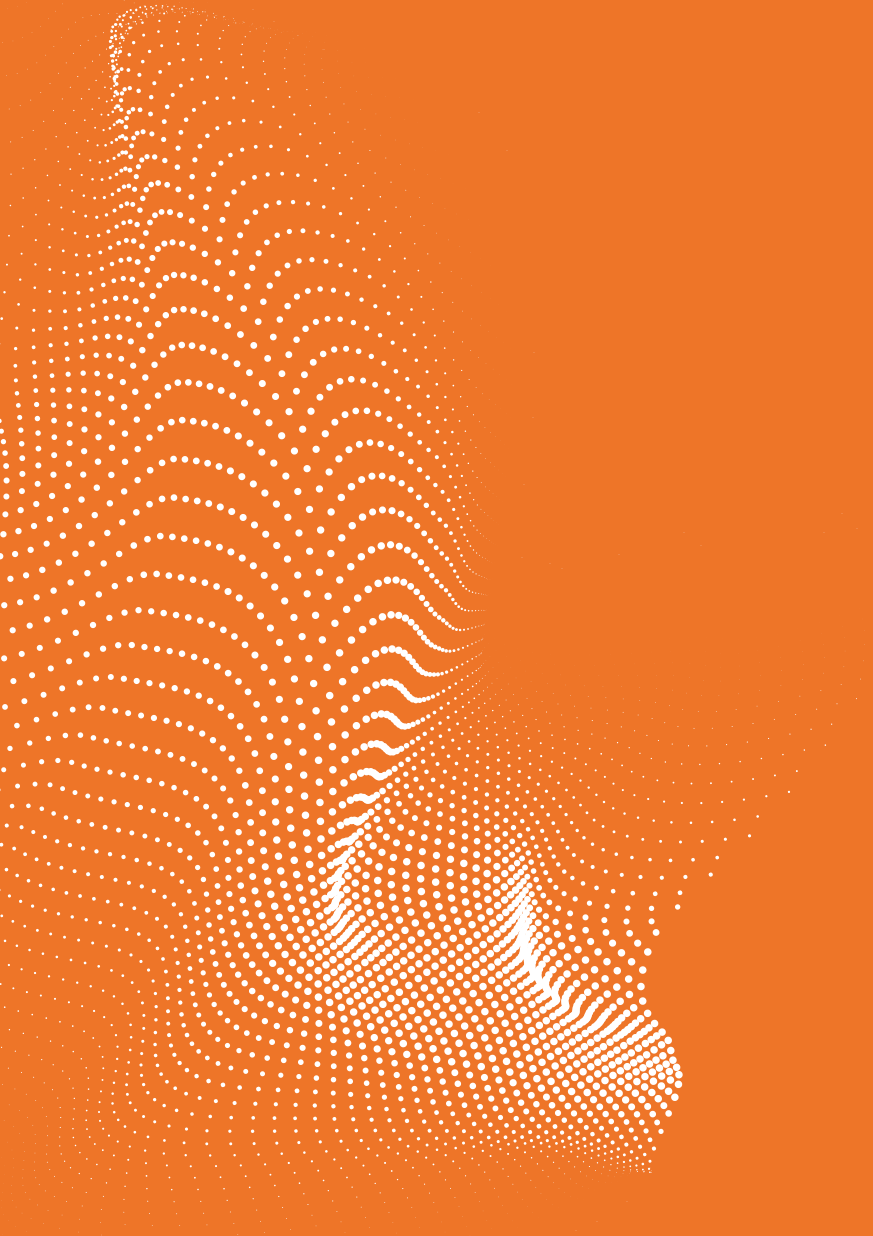
PROJETATEUR LED POUR RAIL . TRACK RAIL FOR LED FLOODLIGHT

REF.	DESCRIÇÃO	
REF.	DESCRIPTION	
REF.	DESCRIPTION	
HB-301020	Régua para Lâmpada LED	T8 - 600mm
HB-301021	Tube Led Fiting	T8 - 1200mm
HB-301022	Barres Led Linéaires	T8 - 1500mm



#101511232





GAMA TRADICIONAL

TRADITIONAL RANGE • GAMME TRADITIONELLE



230V

**LÂMPADA FLUORESCENTE - T8**

FLUORESCENT LAMP . AMPOULE FLUORESCENTE

REF. REF. REF.	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-201001	18W	6500K	26X600	960 LM±10%
HB-201002	36W	6500K	26X1200	2400 LM±10%
HB-201017	58W	6500K	-	- LM±10%



230V

**LÂMPADA FLUORESCENTE - T5**

FLUORESCENT LAMP . AMPOULE FLUORESCENTE

REF. REF. REF.	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-201003	6W	4000K	16X210	240 LM±10%
HB-201004	6W	6500K	16X210	210 LM±10%
HB-201005	8W	4000K	16X280	350 LM±10%
HB-201006	8W	6500K	16X280	310 LM±10%
HB-201007	13W	4000K	16X517	740 LM±10%
HB-201008	13W	6500K	16X517	650 LM±10%
HB-201009	14W	4000K	16X563	1140 LM±10%
HB-201010	14W	6500K	16X563	1045 LM±10%
HB-201011	21W	4000K	16X863	1850 LM±10%
HB-201012	21W	6500K	16X863	1660 LM±10%
HB-201013	28W	4000K	16X1163	2470 LM±10%
HB-201014	28W	6500K	16X1163	2350 LM±10%
HB-201015	35W	4000K	16X1463	3135 LM±10%
HB-201016	35W	6500K	16X1463	2890 LM±10%



REF. REF. REF.	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-201101	9W	6500K	40X132	405 LM±10%
HB-201102	11W	6500K	40X142	460 LM±10%
HB-201103	13W	6500K	42X162	600 LM±10%
HB-201104	15W	6500K	42X172	650 LM±10%
HB-201105	20W	6500K	42X182	900 LM±10%



LÂMPADA ECONÓMICA
AMPOULE ÉCONOMIQUE . ENERGY SAVING LAMP

REF. REF. REF.	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-201106	9W	6500K	40X122	405 LM±10%
HB-201107	11W	6500K	40X122	460 LM±10%
HB-201108	13W	6500K	40X132	640 LM±10%
HB-201109	15W	6500K	40X132	700 LM±10%
HB-201110	20W	6500K	52X167	1050 LM±10%
HB-201111	22W	6500K	52X167	1150 LM±10%
HB-201112	26W	6500K	52X177	1500 LM±10%



LÂMPADA ECONÓMICA
AMPOULE ÉCONOMIQUE . ENERGY SAVING LAMP

REF. REF. REF.	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-201201	100W	2800K	78	600 LM±10%
HB-201202	150W	2800K	78	1050 LM±10%
HB-201203	150W	2800K	118	1050 LM±10%
HB-201204	300W	2800K	118	3600 LM±10%
HB-201205	500W	2800K	118	7500 LM±10%
HB-201206	1000W	2800K	189	16000 LM±10%
HB-201207	1500W	2800K	254	22000 LM±10%



LÂMPADA HALOGÉNIO R7S
AMPOULE ÉCONOMIQUE . ENERGY SAVING LAMP



G10q

230V

5 000
HORAS**LÂMPADA FLUORESCENTE CIRCULAR**

CIRCULAR FLUORESCENT LAMP . AMPOULE FLUORESCENT ROND

REF. REF.	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-201301	22W	6500K	152X210X29	980 LM±10%
HB-201302	32W	6500K	241X300X29	1650 LM±10%
HB-201303	40W	6500K	343X400X29	2300 LM±10%



E27

230V

2 000
HORAS**LÂMPADA STANDARD ECO HALOGÉNEO**

ECO HALOGEN STAND. LAMP . AMPOULE ECO HALOGÈNE

REF. REF.	POTÊNCIA POWER PUISSANCE	COR COLOR COULEUR	TAMANHO SIZE TAILLE	FLUXO FLOW FLUX
HB-201401	28W	2800K	55X105	375 LM±10%
HB-201402	42W	2800K	55X105	625 LM±10%
HB-201403	72W	2800K	55X105	1200 LM±10%

REF.	POTÊNCIA	COR	TAMANHO	FLUXO
REF.	POWER	COLOR	SIZE	FLOW
REF.	PUISSANCE	COULEUR	TAILLE	FLUX
HB-201411	28W	2800K	45X88	375 LM±10%
HB-201412	42W	2800K	45X88	625 LM±10%

E27

230V

2 000
HORAS

LÂMPADA ESFÉRICA ECO HALOGÉNEO
AMPOULE ECO HALOGÈNE SPHÉRIQUE . ECO HALOGEN BALL LAMP

REF.	POTÊNCIA	COR	TAMANHO	FLUXO
REF.	POWER	COLOR	SIZE	FLOW
REF.	PUISSANCE	COULEUR	TAILLE	FLUX
HB-201413	28W	2800K	45X88	375 LM±10%
HB-201414	42W	2800K	45X88	625 LM±10%

E14

230V

2 000
HORAS

LÂMPADA ESFÉRICA ECO HALOGÉNEO
AMPOULE ECO HALOGÈNE SPHÉRIQUE . ECO HALOGEN BALL LAMP

REF.	POTÊNCIA	COR	TAMANHO	FLUXO
REF.	POWER	COLOR	SIZE	FLOW
REF.	PUISSANCE	COULEUR	TAILLE	FLUX
HB-201421	28W	2800K	35X98	375 LM±10%
HB-201422	42W	2800K	35X98	625 LM±10%

E14

230V

2 000
HORAS

LÂMPADA VELA ECO HALOGÉNEO
AMPOULE BOUGIE . ECO HALOGEN CANDLE LAMP

REF.	DESCRIÇÃO
REF.	DESCRIPTION
REF.	DESCRIPTION
HB-302001	Plafon Redondo Round Plafond Plafonnier Rond

IP44

E27

L. 225
A. 225
C. 105MÁX.
100W



E27

IP44

MÁX.
100W

L . 200
A . 120
C . 95

REF.
REF.
REF.

DESCRIÇÃO
DESCRIPTION
DESCRIPTION

COR
COLOR
COULEUR

HB-302002
HB-302003
HB-302004

Olho de Boi
Bulkhead
Hublot

Branco . White . Blanc
Preto . Black . Noir
Verde . Green . Vert



E27

IP44

MÁX.
60W

L . 175
A . 125
C . 105

REF.
REF.
REF.

DESCRIÇÃO
DESCRIPTION
DESCRIPTION

HB-302005

Olho de Boi c/ Grelha Metálica
Bulkhead with Metal Grill
Hublot avec Grille Métallique



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	COR COLOR COULEUR
HB-301001	Plafon	Branco . White . Blanc
HB-301002	Plafond Plafonnier	Castanho . Brown . Marron



IP20

MÁX.
60WL . 300
C . 300

REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	COR COLOR COULEUR
HB-301003	Plafon	Branco . White . Blanc
HB-301004	Plafond Plafonnier	Castanho . Brown . Marron



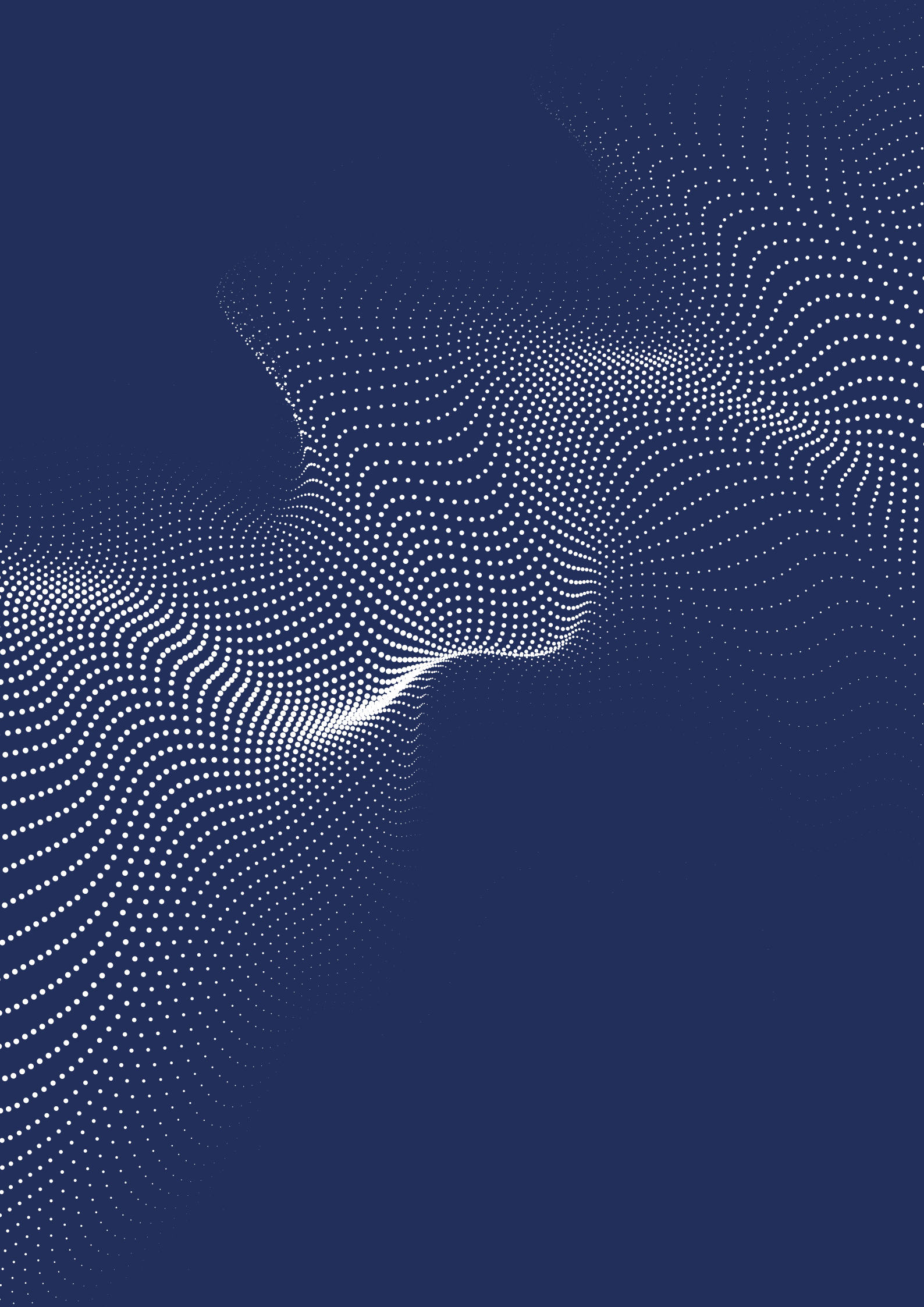
IP20

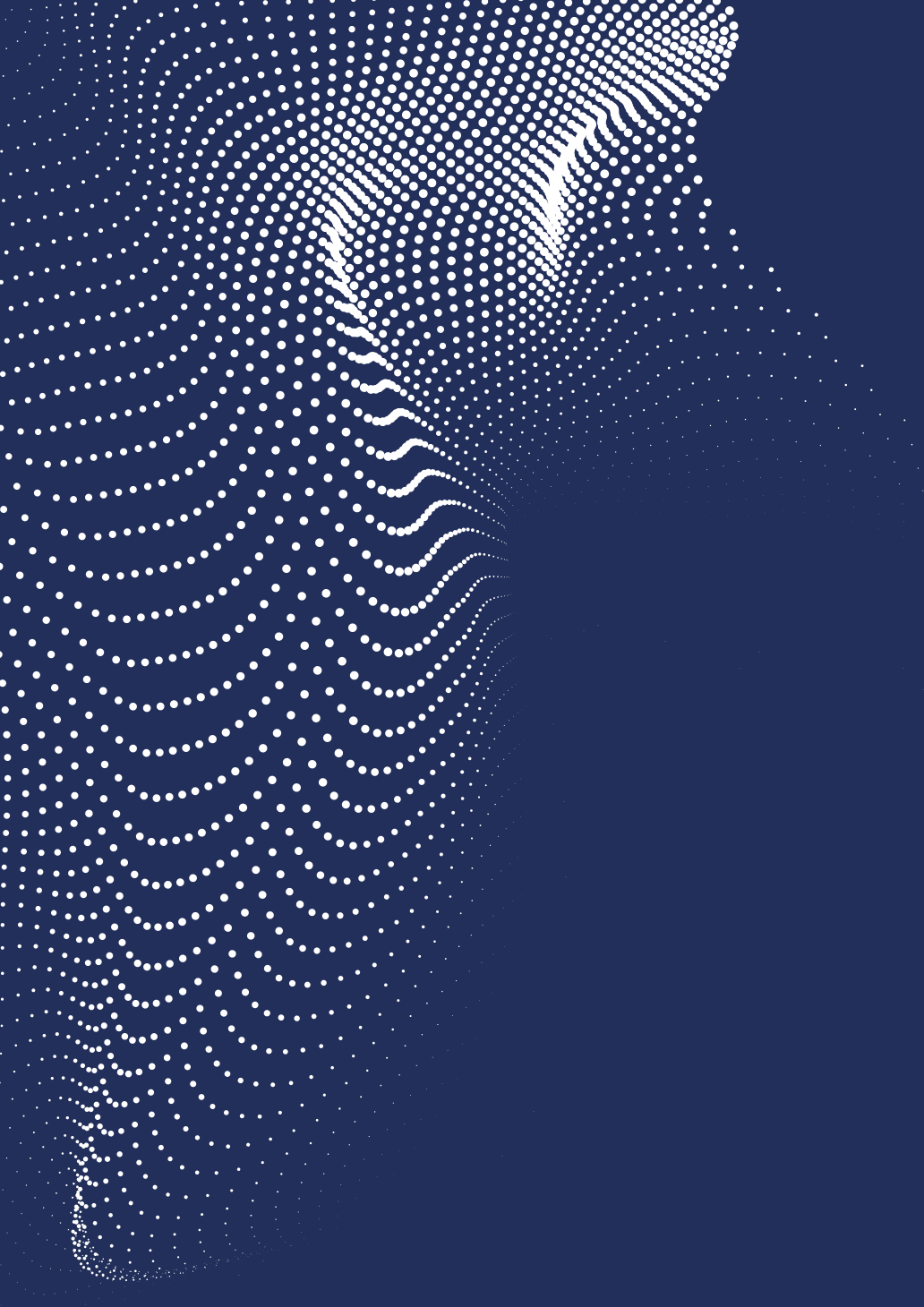
MÁX.
60WL . 300
C . 150

REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	
HB-301012		1X18W
HB-301011	Armadura Prismática	2X18W
HB-301010	Prismatic Fiting	1X36W
HB-301009	Réglette Prismatic	2X36W

REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	
HB-301018		1X18W
HB-301017		2X18W
HB-301016	Armadura Estanque	1X36W
HB-301015	Waterproof Fiting	2X36W
HB-301014	Réglette Étanche	1X58W
HB-301013		2X58W







GAMA ELÉTRICA

ELECTRIC RANGE • GAMME ÉLECTRIQUE



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION	MATERIAL/COR MATERIAL/COLOR MATÉRIEL/COULEUR
HB-106001	Aro Fixo Redondo Round Fixed SpotLight	Alumínio/Branco
HB-106002	<i>Cerceau fixe rond</i>	Alumínio/Niq.
HB-106003	Aro móvel redondo Round Move SpotLight	Alumínio/Branco
HB-106004	<i>Cerceau mobile rond</i>	Alumínio/Niq.
HB-106005	Aro fixo quadrado Square Fixed SpotLight	Alumínio/Branco
HB-106006	<i>Cerceau carré fixe</i>	Alumínio/Niq.
HB-106008	Aro móvel quadrado Square Move SpotLight	Alumínio/Niq.
	<i>Cerceau mobile carré</i>	



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION
HB-107045	Suporte GU10 Simples Simple Holder <i>Support Simple</i>
HB-108000	Suporte GU10 Repicagem Holder <i>Support</i>



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION
HB-401001	Suporte Lâmpada E27 Curvo Máx. 100W Lamp Holder <i>Support Ampoule Courbe</i>
HB-401002	Suporte Lâmpada E27 Recto Máx. 100W Lamp Holder <i>Support Ampoule</i>



REF. REF. REF.	DESCRIÇÃO DESCRIPTION DESCRIPTION
HB-401004	Suporte liso E27 bakelite preto Black falt holder <i>Support plat noir</i>
HB-401005	Suporte liso E27 bakelite branco White falt holder <i>Support plat blanc</i>

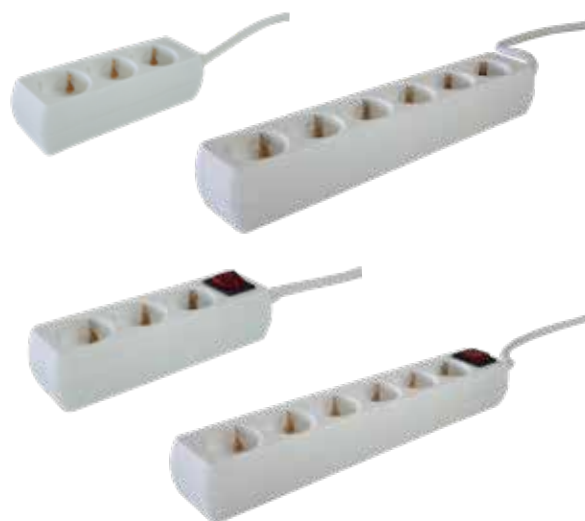
REF.	DESCRIÇÃO
REF.	DESCRIPTION
REF.	DESCRIPTION
HB-401006	Ficha Macho Borracha 10/16 Pr. Rubber Socket <i>Fiche Caoutchouc Mâle</i>
HB-401007	Ficha Fêmea Borracha 10/16 Pr. Rubber Plug top <i>Fiche Caoutchouc Femelle</i>



REF.	DESCRIÇÃO	
REF.	DESCRIPTION	
REF.	DESCRIPTION	
HB-111000	Enrolador Wire Reel <i>Enrouleur Extensible</i>	3X1,5mm/10 mts
HB-111001		3X1,5mm/15 mts
HB-111002		3X1,5mm/25 mts
HB-111003		3X1,5mm/50 mts
HB-111004		3X1,5mm/40 mts
HB-111005		3X1mm/25 mts



REF.	DESCRIÇÃO	
REF.	DESCRIPTION	
REF.	DESCRIPTION	
HB-111020	Bloco triplo s/interruptor Triple extension lead without light switch	3X1,5/3 mts
HB-111021	<i>Extension triple sans passer</i>	3X1,5/5 mts
HB-111022	Bloco sextuplo s/interruptor Sextuple extension lea without light switch	3X1,5/1,5 mts
HB-111023	<i>Extension sextuplé sans passer</i>	3X1,5/3 mts
HB-111024		3X1,5/5 mts
HB-111025	Bloco triplo c/interruptor Triple extension lead with light switch	3X1,5/1,5 mts
HB-111026	<i>Extension triple avec passer</i>	3X1,5/3 mts
HB-111027		3X1,5/5 mts
HB-111028	Bloco sextuplo c/interruptor Sextuple extension lea with light switch	3X1,5/1,5 mts
HB-111029	<i>Extension sextuplé avec passer</i>	3X1,5/3 mts
HB-111030		3X1,5/5 mts
HB-111031	Bloco triplo s/interruptor Triple extension lead without light switch	3X1/1,5 mts
HB-111032	<i>Extension triple sans passer</i>	3X1/3 mts
HB-111033		3X1/5 mts





REF.	DESCRIÇÃO	
REF.	DESCRIPTION	
REF.	DESCRIPTION	
HB-111034		2,5-4mm 3A
HB-111035	Barra de Junção Terminal Block <i>Bloc de Jonction</i>	6mm 6A
HB-111036		10mm 10A
HB-111037		16mm 30A
HB-111038		25mm 60A



REF.	DESCRIÇÃO	
REF.	DESCRIPTION	
REF.	DESCRIPTION	
HB-111039	Ligador Rápido de Patilha Wire Conecter <i>Connecteur de Fil</i>	2X2,5/4mm
HB-111040		3X2,5/4mm
HB-111041		5X2,5/4mm



REF.	DESCRIÇÃO	
REF.	DESCRIPTION	
REF.	DESCRIPTION	
HB-111042	Ligador Rápido de Encaixe Wire Conecter <i>Connecteur de Fil</i>	2X2,5
HB-111043		3X2,5
HB-111044		4X2,5
HB-111045		5X2,5
HB-111046		8X2,5



REF.	DESCRIÇÃO	
REF.	DESCRIPTION	
REF.	DESCRIPTION	
HB-111047	Fita Isoladora Insulation Tape <i>Ruban Isolant</i>	18mmX20 mts PR
HB-111048		18mmX20 mts AZ
HB-111049		18mmX20 mts CT
HB-111050		18mmX20 mts VD/AM
HB-111051		18mmX20 mts VM
HB-111052		18mmX20 mts VD
HB-111053		18mmX20 mts BR
HB-111054		18mmX20 mts AM
HB-111055		18mmX20 mts CZ

REF.	DESCRIÇÃO
REF.	DESCRIPTION
REF.	DESCRIPTION
HB-402001	Multímetro Digital 10A Digital Multimeter <i>Multimètre Digital</i>



REF.	DESCRIÇÃO
REF.	DESCRIPTION
REF.	DESCRIPTION
HB-40C	Ventoinha de Pé - 40cm Foot Fan <i>Ventilateur Debout</i>



REF.	DESCRIÇÃO
REF.	DESCRIPTION
REF.	DESCRIPTION
AF-40W	Ventoinha de Parede - 40cm Wall Fan <i>Ventilateur Paroi</i>



REF.
REF.
REF.QUANT.
AMOUNT
QUANTITÉ

AF-40WR

Ventoinha de Parede - 40cm c/comando
Wall Fan
Ventilateur ParoiREF.
REF.
REF.QUANT.
AMOUNT
QUANTITÉ

HB-103312

Coluna Quadrada - Aço Pintado 4MTS
Pole
Balise

HB-103313

Coluna Quadrada - Aço Pintado 6MTS
Pole
Balise

