



BU INTERNATIONAL SARL
2, Rue du Gabian c/o IBC, 8e étage, bureau 2A
98000 Monaco (Principality)

LED FIXTURES ULTRA-THIN MAGNETIC TRACK SYSTEM 48VDC



Ultra-thin Track System working at 48VDC with its LED lighting fixtures and accessories. Tracks and accessories for surface, trim-less recessed or suspension mounting. Mechanical clamping of the lighting fixtures to the track by magnetic force. All the lighting fixtures integrate an array of LEDs (COB or SMD2835) $R_a > 90$, working at constant current flickering free. All the fixtures are dimmable/controllable by electing the proper external LED driver. UGR<16 and Antiglare UGR<19 options. All bodies in Aluminium with powder painting opaque WHITE or BLACK finish. Frontal screens, lenses and grids in polycarbonate.

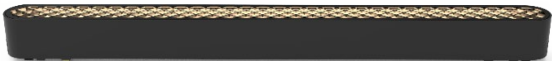
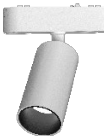
Overview of main parts (1/2):

Track L = 1m L = 2m	
Floodlight 6W	
Floodlight 12W	
Floodlight 16W	
Spotlight 6W UGR<16	
Spotlight 12W UGR<16	
Spotlight 16W UGR<16	
Floodlight 6W Antiglare UGR<19	



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Overview of main parts (2/2):

Floodlight 12W Antiglare UGR<19	 
Floodlight 16W Antiglare UGR<19	 
Spotlight 5W	 
Twin Spotlight 2x5W	 
Spotlight 7W	 
Twin Spotlight 2x7W	 
Spotlight 12W	 
Spotlight 15W	 
Spotlight Rifled 12W	 
Spotlight Pendant 7W	 
Spotlight Pendant 15W	 



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SURFACE MOUNTING Magnetic Tracks 48VDC and Accessories

Code	Image	Description	Weight (g)
24 001		Track L1000 x W25 x H5.5mm WHITE + WHITE cover $I_{max} = 10A$	251
24 002		Track L1000 x W25 x H5.5mm BLACK + BLACK cover $I_{max} = 10A$	251
24 003		Track L2000 x W25 x H5.5mm WHITE + WHITE cover $I_{max} = 10A$	510
24 004		Track L2000 x W25 x H5.5mm BLACK + BLACK cover $I_{max} = 10A$	510
10 266		Linear Joint WHITE $I_{max} = 10A$	5
10 267		Linear Joint BLACK $I_{max} = 10A$	5
10 268		L-Shape Joint WHITE $I_{max} = 10A$	11
10 269		L-Shape Joint BLACK $I_{max} = 10A$	11
10 270		Curved Joint WHITE $I_{max} = 10A$	10
10 271		Curved Joint BLACK $I_{max} = 10A$	10
10 272		T-Shape Joint WHITE $I_{max} = 10A$	15
10 273		T-Shape Joint BLACK $I_{max} = 10A$	15
10 274		X-Shape Joint WHITE $I_{max} = 10A$	27
10 275		X-Shape Joint BLACK $I_{max} = 10A$	27
10 276		Horizontal-Vertical Joint WHITE $I_{max} = 10A$	13
10 277		Horizontal-Vertical Joint BLACK $I_{max} = 10A$	13



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TRIMLESS RECESSED MOUNTING Magnetic Tracks 48VDC and Accessories

Code	Image	Description	Weight (g)
24 005		Track L1000 x W65 x H32mm WHITE $I_{max} = 10A$	580
24 006		Track L1000 x W65 x H32mm BLACK $I_{max} = 10A$	580
24 007		Track L2000 x W65 x H32mm WHITE $I_{max} = 10A$	1150
24 008		Track L2000 x W65 x H32mm BLACK $I_{max} = 10A$	1150
10 278		L-Shape Joint WHITE $I_{max} = 10A$	30
10 279		L-Shape Joint BLACK $I_{max} = 10A$	30
10 342		T-Shape Joint WHITE $I_{max} = 10A$	230
10 343		T-Shape Joint BLACK $I_{max} = 10A$	230
10 344		X-Shape Joint WHITE $I_{max} = 10A$	310
10 345		X-Shape Joint BLACK $I_{max} = 10A$	310
10 280		Horizontal-Vertical Joint WHITE $I_{max} = 10A$	30
10 281		Horizontal-Vertical Joint BLACK $I_{max} = 10A$	30
10 282		Metallic linear mechanical joint (2pcs pack)	2 + 2
10 283		L-Shape Electrical Connector WHITE $I_{max} = 10A$	30
10 284		L-Shape Electrical Connector BLACK $I_{max} = 10A$	30
10 285		Linear Electrical Connector WHITE $I_{max} = 10A$	28
10 286		Linear Electrical Connector BLACK $I_{max} = 10A$	28
10 346		T-Shape Electrical Connector WHITE $I_{max} = 10A$	120
10 347		T-Shape Electrical Connector BLACK $I_{max} = 10A$	120
10 348		X-Shape Electrical Connector WHITE $I_{max} = 10A$	180
10 349		X-Shape Electrical Connector BLACK $I_{max} = 10A$	180



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SUSPENSION MOUNTING Magnetic Tracks 48VDC and Accessories

Code	Image	Description	Weight (g)
24 009		Track L1000 x W65 x H32mm with two end-caps WHITE $I_{\max} = 10A$	1000
24 010		Track L1000 x W65 x H32mm with two end-caps BLACK $I_{\max} = 10A$	1000
24 011		Track L2000 x W65 x H32mm with two end-caps WHITE $I_{\max} = 10A$	2000
24 012		Track L2000 x W65 x H32mm with two end-caps BLACK $I_{\max} = 10A$	2000
10 337		L-Shape Joint WHITE $I_{\max} = 10A$	140
10 338		L-Shape Joint BLACK $I_{\max} = 10A$	140
10 350		T-Shape Joint WHITE $I_{\max} = 10A$	230
10 351		T-Shape Joint BLACK $I_{\max} = 10A$	230
10 352		X-Shape Joint WHITE $I_{\max} = 10A$	300
10 353		X-Shape Joint BLACK $I_{\max} = 10A$	300
10 339		Metallic linear mechanical joint with screws	100
10 340		Kit for suspension (2 cords L=2m in stainless steel, screws, nuts, rawplugs, metallic base for mechanical connection to the track) - WHITE	100
10 341		Kit for suspension (2 cords L=2m in stainless steel, screws, nuts, rawplugs, metallic base for mechanical connection to the track) - BLACK	100



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LED DRIVERS for Magnetic Tracks 48VDC Surface and Trim-less mounting (1/2)

Code	Image	Description	Weight (g)
20 030		LED driver 220-240V 50/60Hz 48Vdc 100W _{max} L290*W25*H28mm WHITE	345
20 031		LED driver 220-240V 50/60Hz 48Vdc 100W _{max} L290*W25*H28mm BLACK	345
20 032		LED driver 220-240V 50/60Hz 48Vdc 200W _{max} L340*W25*H28mm WHITE	415
20 033		LED driver 220-240V 50/60Hz 48Vdc 200W _{max} L340*W25*H28mm BLACK	415
20 036		LED driver dimmable TRIAC 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm WHITE	345
20 037		LED driver dimmable TRIAC 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm BLACK	345
20 038		LED driver dimmable TRIAC 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm WHITE	415
20 039		LED driver dimmable TRIAC 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm BLACK	415
20 040		LED driver dimmable 1-10V 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm WHITE	345
20 041		LED driver dimmable 1-10V 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm BLACK	345
20 042		LED driver dimmable 1-10V 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm WHITE	415
20 043		LED driver dimmable 1-10V 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm BLACK	415



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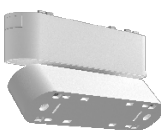
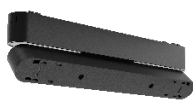
LED DRIVERS for Magnetic Tracks 48VDC Surface and Trimless mounting (2/2)

Code	Image	Description	Weight (g)
20 044		LED driver DALI 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm WHITE	345
20 045		LED driver DALI 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm BLACK	345
20 046		LED driver DALI 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm WHITE	415
20 047		LED driver DALI 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm BLACK	415
20 048		LED driver Wi-fi Bluetooth Tuya 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm WHITE	345
20 049		LED driver Wi-fi Bluetooth Tuya 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm BLACK	345
20 050		LED driver Wi-fi Bluetooth Tuya 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm WHITE	415
20 051		LED driver Wi-fi Bluetooth Tuya 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm BLACK	415
20 052		LED driver Zigbee Wi-fi Bluetooth Smartlife/Tuya 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm WHITE	345
20 053		LED driver Zigbee Wi-fi Bluetooth Smartlife/Tuya 220-240V 50/60Hz 40Vdc 100W _{max} L290*W25*H28mm BLACK	345
20 054		LED driver Zigbee Wi-fi Bluetooth Smartlife/Tuya 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm WHITE	415
20 055		LED driver Zigbee Wi-fi Bluetooth Smartlife/Tuya 220-240V 50/60Hz 40Vdc 200W _{max} L340*W25*H28mm BLACK	415



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GENERAL PARTS for Magnetic Tracks 48VDC (Surface and Trim-less mounting)

Code	Image	Description	Weight (g)
10 287		End Electrical Connector with RB Input Wire 0.5m long WHITE	36
10 288		End Electrical Connector with RB Input Wire 0.5m long BLACK	36
10 289		Base (foldable 0-90°) for electrical contact of lighting fixtures 6W Size: 115 x 25 x (h)48mm WHITE	80
10 290		Base (foldable 0-90°) for electrical contact of lighting fixtures 6W Size: 115 x 25 x (h)48mm BLACK	80
10 291		Base (foldable 0-90°) for electrical contact of lighting fixtures 12W Size: 222 x 25 x (h)48mm WHITE	140
10 292		Base (foldable 0-90°) for electrical contact of lighting fixtures 12W Size: 222 x 25 x (h)48mm BLACK	140



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LED Lighting Fixtures for Magnetic Track 48VDC (1/3)

Code	Image	P (W)	T _c (K)	φ _{TOT} (lm)	R _a	Beam	Description
80 385		6	2700	260	>90	100°	Floodlight
80 386		6	3000	280	>90	100°	Size = 115 x 25 x (h)25mm WHITE
80 387		6	4000	310	>90	100°	Weight = 70g
80 388		6	2700	260	>90	100°	Floodlight
80 389		6	3000	280	>90	100°	Size = 115 x 25 x (h)25mm BLACK
80 390		6	4000	310	>90	100°	Weight = 70g
80 391		12	2700	530	>90	100°	Floodlight
80 392		12	3000	560	>90	100°	Size = 223 x 25 x (h)25mm WHITE
80 393		12	4000	620	>90	100°	Weight = 135g
80 394		12	2700	530	>90	100°	Floodlight
80 395		12	3000	560	>90	100°	Size = 223 x 25 x (h)25mm BLACK
80 396		12	4000	620	>90	100°	Weight = 135g
80 397		16	2700	770	>90	100°	Floodlight
80 398		16	3000	820	>90	100°	Size = 330 x 25 x (h)25mm WHITE
80 399		16	4000	910	>90	100°	Weight = 200g
80 401		16	2700	770	>90	100°	Floodlight
80 402		16	3000	820	>90	100°	Size = 330 x 25 x (h)25mm BLACK
80 403		16	4000	910	>90	100°	Weight = 200g
80 404		6	2700	370	>90	30°	Spotlight UGR<16
80 405		6	3000	400	>90	30°	Size = 115 x 25 x (h)25mm Body WHITE, front grid WHITE
80 406		6	4000	440	>90	30°	Weight = 75g
80 407		6	2700	370	>90	30°	Spotlight UGR<16
80 408		6	3000	400	>90	30°	Size = 115 x 25 x (h)25mm Body BLACK, front Grid BLACK
80 409		6	4000	440	>90	30°	Weight = 75g
80 410		12	2700	720	>90	30°	Spotlight UGR<16
80 411		12	3000	770	>90	30°	Size = 223 x 25 x (h)25mm Body WHITE, front grid WHITE
80 412		12	4000	850	>90	30°	Weight = 140g
80 413		12	2700	720	>90	30°	Spotlight UGR<16
80 414		12	3000	770	>90	30°	Size = 223 x 25 x (h)25mm Body BLACK, front Grid BLACK
80 415		12	4000	850	>90	30°	Weight = 140g
80 416		16	2700	990	>90	30°	Spotlight UGR<16
80 417		16	3000	1050	>90	30°	Size = 330 x 25 x (h)25mm Body WHITE, front grid WHITE
80 418		16	4000	1160	>90	30°	Weight = 210g
80 419		16	2700	990	>90	30°	Spotlight UGR<16
80 420		16	3000	1050	>90	30°	Size = 330 x 25 x (h)25mm Body BLACK, front grid BLACK
80 421		16	4000	1160	>90	30°	Weight = 210g



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LED Lighting Fixtures for Magnetic Track 48VDC (2/3)

Code	Image	P (W)	T _c (K)	φ _{TOT} (lm)	R _a	Beam	Description
80 422		6	2700	60	>90	50°	Floodlight Antiglare UGR<19 Size = 115 x 25 x (h)25mm Body WHITE, front grid WHITE Weight = 75g
80 423		6	3000	65	>90	50°	
80 424		6	4000	70	>90	50°	
80 425		6	2700	60	>90	50°	Floodlight Antiglare UGR<19 Size = 115 x 25 x (h)25mm Body BLACK, front Grid BLACK Weight = 75g
80 426		6	3000	65	>90	50°	
80 427		6	4000	70	>90	50°	
80 428		12	2700	105	>90	50°	Floodlight Antiglare UGR<19 Size = 223 x 25 x (h)25mm Body WHITE, front grid WHITE Weight = 140g
80 429		12	3000	115	>90	50°	
80 430		12	4000	125	>90	50°	
80 431		12	2700	105	>90	50°	Floodlight Antiglare UGR<19 Size = 223 x 25 x (h)25mm Body BLACK, front Grid BLACK Weight = 140g
80 432		12	3000	115	>90	50°	
80 433		12	4000	125	>90	50°	
80 434		16	2700	125	>90	50°	Floodlight Antiglare UGR<19 Size = 330 x 25 x (h)25mm Body WHITE, front grid WHITE Weight = 210g
80 435		16	3000	135	>90	50°	
80 436		16	4000	150	>90	50°	
80 437		16	2700	125	>90	50°	Floodlight Antiglare UGR<19 Size = 330 x 25 x (h)25mm Body BLACK, front Grid BLACK Weight = 210g
80 438		16	3000	135	>90	50°	
80 439		16	4000	150	>90	50°	
80 440		5	2700	315	>90	30°	Spotlight Size = Ø31 x (h)95 x 115mm WHITE Weight = 95g
80 441		5	3000	335	>90	30°	
80 442		5	4000	370	>90	30°	
80 443		5	2700	315	>90	30°	Spotlight Size = Ø31 x (h)95 x 115mm BLACK Weight = 95g
80 444		5	3000	335	>90	30°	
80 445		5	4000	370	>90	30°	
80 446		5x2	2700	600	>90	30°	Twin Spotlight Size = Ø31 x (h)95 x 115mm WHITE Weight = 140g
80 447		5x2	3000	640	>90	30°	
80 448		5x2	4000	710	>90	30°	
80 449		5x2	2700	600	>90	30°	Twin Spotlight Size = Ø31 x (h)95 x 115mm BLACK Weight = 140g
80 450		5x2	3000	640	>90	30°	
80 451		5x2	4000	710	>90	30°	
80 452		7	2700	460	>90	30°	Spotlight Size = Ø31 x 115 x (h)145mm WHITE Weight = 160g
80 453		7	3000	490	>90	30°	
80 454		7	4000	540	>90	30°	
80 455		7	2700	460	>90	30°	Spotlight Size = Ø31 x 115 x (h)145mm BLACK Weight = 160g
80 456		7	3000	490	>90	30°	
80 457		7	4000	540	>90	30°	



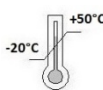
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LED Lighting Fixtures for Magnetic Track 48VDC (3/3)

Code	Image	P (W)	T _c (K)	Φ _{TOT} (lm)	R _a	Beam	Description
80 458		7x2	2700	920	>90	30°	Twin Spotlight
80 459		7x2	3000	970	>90	30°	Size = Ø31 x 115 x (h)145mm
80 460		7x2	4000	1080	>90	30°	WHITE Weight = 240g
80 461		7x2	2700	920	>90	30°	Twin Spotlight
80 462		7x2	3000	970	>90	30°	Size = Ø31 x 115 x (h)145mm
80 463		7x2	4000	1080	>90	30°	BLACK Weight = 240g
80 464		12	2700	755	>90	30°	Spotlight
80 465		12	3000	800	>90	30°	Size = Ø45 x 115 x (h)131mm
80 466		12	4000	890	>90	30°	WHITE Weight = 180g
80 467		12	2700	755	>90	30°	Spotlight
80 468		12	3000	800	>90	30°	Size = Ø45 x 115 x (h)131mm
80 469		12	4000	890	>90	30°	BLACK Weight = 180g
80 470		15	2700	1030	>90	30°	Spotlight
80 471		15	3000	1090	>90	30°	Size = Ø45 x 115 x (h)171mm
80 472		15	4000	1210	>90	30°	WHITE Weight = 250g
80 473		15	2700	1030	>90	30°	Spotlight
80 474		15	3000	1090	>90	30°	Size = Ø45 x 115 x (h)171mm
80 475		15	4000	1210	>90	30°	BLACK Weight = 250g
80 476		12	2700	755	>90	30°	Spotlight
80 477		12	3000	800	>90	30°	Size = Ø50 x 115 x (h)156mm
80 478		12	4000	890	>90	30°	WHITE RIFLED Weight = 300g
80 479		12	2700	755	>90	30°	Spotlight
80 480		12	3000	800	>90	30°	Size = Ø50 x 115 x (h)156mm
80 481		12	4000	890	>90	30°	BLACK RIFLED Weight = 300g
80 482		7	2700	460	>90	30°	Spotlight Pendant
80 483		7	3000	490	>90	30°	Size = Ø32 x 115 x (h)1000mm
80 484		7	4000	540	>90	30°	WHITE Weight = 350g
80 485		7	2700	460	>90	30°	Spotlight Pendant
80 486		7	3000	490	>90	30°	Size = Ø32 x 115 x (h)1000mm
80 487		7	4000	540	>90	30°	BLACK Weight = 350g
80 488		15	2700	1035	>90	30°	Spotlight Pendant
80 489		15	3000	1100	>90	30°	Size = Ø45 x 115 x (h)1000mm
80 490		15	4000	1220	>90	30°	WHITE Weight = 340g
80 491		15	2700	1035	>90	30°	Spotlight Pendant
80 492		15	3000	1100	>90	30°	Size = Ø45 x 115 x (h)1000mm
80 493		15	4000	1220	>90	30°	BLACK Weight = 340g



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Operating electric conditions	48VDC
Insulating class	
Dimmable 	Electing the proper dimmable DLU LED driver in the list of codes, according to the control method
Useful Lifetime	L70 B50 = 36.000h ($T_a=25^{\circ}\text{C}$)
Recommended ambient temperature	
Degree of protection against ingress of dust, solid objects and moisture	IP20
Degree of protection against external mechanical impacts	IK06
Colour consistency	MacAdam ellipses step ≤ 3
Mercury and dangerous substances	
UV and IR radiation	
LED fixture classified RISK GROUP 1 in application of the EN 62471	



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DATA SHEET
LED Fixtures – Ultra-thin Magnetic Track System 48VDC
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Characteristics of the internal LIGHT SOURCE

	For	V (VDC)	I (A)	P _{on} (W)	Φ _{tot} (lm)	Φ _{use} (lm)	DLS / NDLS	R _a	R _g	x	y	T _c (K)	SDCM	En. Class	E _c (kWh/1000h)
LSxFS6W2700K Id. 21 071	80385 80388 80404 80407 80422 80425	48,00	0,110	5,30	409	409	NDLS	93	57	0,4679	0,4238	2712	< 3	G	5
LSxFS6W3000K Id. 21 072	80386 80389 80405 80408 80423 80426	48,00	0,110	5,30	418	418	NDLS	93	57	0,4450	0,4080	3057	< 3	G	5
LSxFS6W4000K Id. 21 073	80387 80390 80406 80409 80424 80427	48,0	0,124	5,95	488	488	NDLS	93	57	0,3851	0,3813	3911	< 3	G	6
LSxFS12W2700K Id. 21 074	80391 80394 80410 80413 80428 80431	48,00	0,239	11,48	1095	1095	NDLS	93	77	0,4679	0,4239	2718	< 3	F	11
LSxFS12W3000K Id. 21 075	80392 80395 80411 80414 80429 80432	48,00	0,239	11,48	1109	1109	NDLS	93	77	0,4452	0,4085	3071	< 3	F	11
LSxFS12W4000K Id. 21 076	80393 80396 80412 80415 80430 80433	48,0	0,242	11,62	1157	1157	NDLS	93	77	0,3862	0,3854	3912	< 3	F	12
LSxFS16W2700K Id. 21 077	80397 80401 80416 80419 80434 80437	48,00	0,304	14,60	1442	1442	NDLS	93	78	0,4677	0,4239	2729	< 3	F	15
LSxFS16W3000K Id. 21 078	80398 80402 80417 80420 80435 80438	48,00	0,304	14,60	1452	1452	NDLS	93	78	0,4454	0,4079	3021	< 3	F	15
LSxFS16W4000K Id. 21 079	80399 80403 80418 80421 80436 80439	48,0	0,315	15,12	1501	1501	NDLS	93	78	0,3860	0,3864	3933	< 3	F	15
LSxS5W2700K Id. 21 080	80440 80443 80446 80449	48,00	0,099	4,75	352	352	NDLS	92	68	0,4677	0,4242	2727	< 3	G	5
LSxS5W3000K Id. 21 081	80441 80444 80447 80450	48,00	0,100	4,80	391	391	NDLS	92	68	0,4456	0,4073	3018	< 3	G	5
LSxS5W4000K Id. 21 082	80442 80445 80448 80451	48,0	0,104	4,99	414	414	NDLS	92	68	0,3846	0,3826	3941	< 3	G	5
LSxS7W2700K Id. 21 083	80452 80455 80458 80461 80482 80485	48,00	0,127	6,10	521	521	NDLS	90	58	0,4680	0,4240	2734	< 3	G	6
LSxS7W3000K Id. 21 084	80453 80456 80459 80462 80483 80486	48,00	0,131	6,30	552	552	NDLS	90	58	0,4455	0,4078	3051	< 3	G	6
LSxS7W4000K Id. 21 085	80454 80457 80460 80463 80484 80487	48,0	0,139	6,67	613	613	NDLS	90	58	0,3859	0,3855	3942	< 3	F	7
LSxS12W2700K Id. 21 086	80464 80467 80476 80479	48,00	0,233	11,20	1078	1078	NDLS	91	55	0,4676	0,4240	2698	< 3	F	11
LSxS12W3000K Id. 21 087	80465 80468 80477 80480	48,00	0,233	11,20	1099	1099	NDLS	91	55	0,4456	0,4079	3059	< 3	F	11
LSxS12W4000K Id. 21 088	80466 80469 80478 80481	48,0	0,246	11,81	1166	1166	NDLS	91	55	0,3860	0,3852	3935	< 3	F	12
LSxS15W2700K Id. 21 089	80470 80473 80488 80491	48,00	0,315	15,10	1513	1513	NDLS	91	55	0,4677	0,4241	2703	< 3	F	15
LSxS15W3000K Id. 21 090	80471 80474 80489 80492	48,00	0,315	15,10	1539	1539	NDLS	91	55	0,4456	0,4082	3090	< 3	F	15
LSxS15W4000K Id. 21 091	80472 80475 80490 80493	48,0	0,323	15,5	1617	1617	NDLS	91	55	0,3856	0,3853	3922	< 3	F	16

The LS (with integrated CG) is removable not replaceable, to avoid any risk on reliability, infringement of insulating class, IP protection degree and mechanical damage in case of replacement by end users or professionals.





BU INTERNATIONAL SARL
2, Rue du Gabian c/o IBC, 8e étage, bureau 2A
98000 Monaco (Principality)

Optics	PHOTOMETRICS	Spectral Power Distribution bandwidth 180-800nm
Floodlight 100°		
Spotlight UGR<16		
Floodlight Antiglare UGR<19		
Spotlight 30°		

Reference Standards: EN60598-1; EN62471; EN55015; EN61547

European Directives: 2014/30; 92/31; 93/68; 2009/125 (Reg.no.2019/2020); 2012/27 (Reg.no.2019/2015); 2011/65; 2012/19



Correct disposal of this product (Waste Electrical & Electronic Equipment) Applicable in countries with separate collection systems

This graphic symbol placed on the product and on the package indicates that the product should not be disposed with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and responsibly recycle them to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased the product, or their local government office, for details on where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract; this product should not be mixed with other commercial wastes for disposal.