

iPro

design Mario Cucinella



micro



mini



small



medium



large



iPro micro / mini
design Mario Cucinella



micro
∅ 51

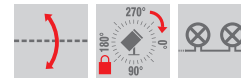
micro with spike
∅ 50

mini
∅ 81

Features



- Luminaire for use with halogen lamps and LEDs.
- Installation on the ground, wall, ceiling and garden.
- Die-cast aluminium optical assembly and rear cap; transparent tempered sodium-calcium sealing glass, 4mm thick, siliconed to optical assembly.
- All products are provided with lenses or high reflection flux enhancers in thermoplastic material.
- Mini body versions provided with electronic control gear; micro body with electronic control gear to be ordered separately except ground/garden versions with in-ground spike (control gear integrated).
- All external screws are in A2 stainless steel.



Versions

iPro micro is available in the version with anti-glare cylinder and for ground installation with spike.



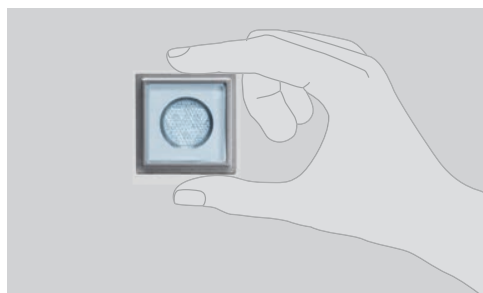
Spot optic with cylinder



Spike

Compact size

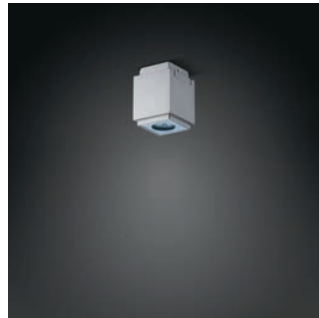
The luminaire minimum dimensions of just 50x50mm allow iPro micro to be fitted with minimal visual impact.



iPro micro / mini

Versions

iPro micro and mini are available in versions for wall-/ceiling-mounting. The codes, technical and lighting design features are presented on page 443.



Ceiling-mounted



Wall-mounted

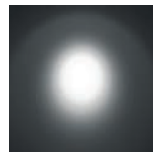


Wall with lighting effects

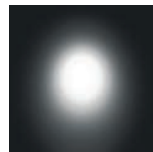
Photometric values iPro micro



SS - Super Spot



S - Spot



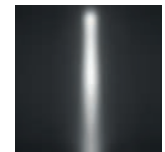
Spot with cylinder



F - Flood



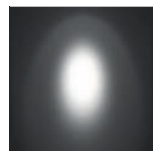
WF - Wide-Flood



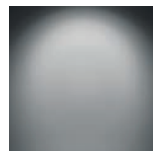
L - Light Sliver

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	
LED	1,5W	2	0,3	-	3535					2	0,6	-	4875					1	1,8	-	202					
		4	0,6	-	884					4	1,1	-	1219					2	3,6	-	50					
		6	0,8	-	393					6	1,7	-	542					3	5,4	-	22					
		8	1,1	-	221					8	2,2	-	305					4	7,2	-	13					
LED	4,7W					2	0,6	-	833	2	0,6	-	749	1	0,5	-	1077					1	0,5	-	1077	
						4	1,1	-	208	4	1,1	-	187	2	0,9	-	269					2	0,9	-	269	
						6	1,7	-	93	6	1,7	-	83	3	1,4	-	120					3	1,4	-	120	
						8	2,2	-	52	8	2,2	-	47	4	1,8	-	67					4	1,8	-	67	

Photometric values iPro mini



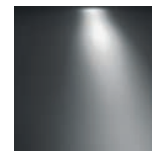
SS - Super Spot



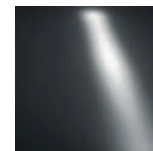
F - Flood



WF - Wide-Flood



EL - Longitudinal Elliptical



ET - Transversal Elliptical

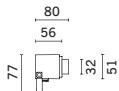
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em			
LED	4,7W	2	0,6	-	5453	2	1,2	-	362	1	2	-	218	2	0,3	1,9	757	2	0,3	1,9	757			
		4	1,1	-	1363	4	2,4	-	91	2	4	-	54	4	0,6	3,7	189	4	0,6	3,7	189			
		6	1,7	-	606	6	3,7	-	40	3	6	-	24	6	0,8	5,6	84	6	0,8	5,6	84			
		8	2,2	-	341	8	4,9	-	23	4	8	-	14	8	1,1	7,5	47	8	1,1	7,5	47			
LED RGB	4,6W					2	1,2	-	362															
						4	2,4	-	91															
						6	3,7	-	40															
						8	4,9	-	23															

components



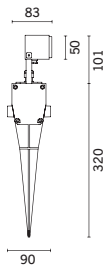
light source	W	Lm	optic	code
LED	Neutral white			
	4,7W	390	L	BJ88
	2,2W	190	8°	BJ90*
	4,7W	390	18°	BJ94
	4,7W	390	26°	BJ98
Warm white				
4,7W	360	L	BJ89	
2,2W	180	8°	BJ91*	
4,7W	360	18°	BJ95	
4,7W	360	26°	BJ99	
2,2W	180	84°	BK00*	

Power supply to be ordered separately to 500mA
 * Power supply codes max700 mA (for the a 500mA data refer to the on-line catalogue)



light source	W	Lm	optic	code
LED	Neutral white			
	2,2W	190	8°	BJ92*
	4,7W	390	16°	BJ96
	Warm white			
2,2W	180	8°	BJ93*	
4,7W	360	16°	BJ97	

Power supply to be ordered separately to 500mA
 * Power supply codes max700 mA (for the a 500mA data refer to the on-line catalogue)

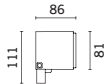



light source	W	Lm	optic	code
LED	Neutral white			
	4,7W	390	18°	BK14
	4,7W	390	26°	BK16
	Warm white			
4,7W	360	18°	BK15	
4,7W	360	26°	BK17	

Complete with power supply and pass-through cables
 Class of Insulation II

code	code	code
BZ98	Electronic power supply 6W - IP20 VIN=100-240Vac / 50-60 Hz VOUT=12Vdc 500mA dim. 40x42x22h colour 00 indeterminate	Box for electronic power supply IP67 for BZ98-BZ99-BZA0-MXF9 colour 00 indeterminate dim. 140x230x95h
BZ99	Electronic power supply 12W - IP20 VIN=220-240Vac / 50-60 Hz VOUT=24Vdc 500mA dim. 38x119x28h colour 00 indeterminate	Connector block with fast-coupling terminals IP66 colour 15 grey suitable for cables 2x4 mm ²
BZA0	Electronic power supply 20W - IP20 VIN=110-240Vac / 50-60 Hz VOUT=42Vdc 500mA dim. 38x119x28h colour 00 indeterminate	Watertight connector kit IP68 colour 04 black
MXF9	Electronic power supply 17W - IP20 VIN=220-240Vac / 50-60 Hz Vout=2-25Vdc 700mA dim. 37x128x28h for BJ90-BJ91-BJ92-BJ93 BK00-BK01-BK04-BK05 colour 00 indeterminate	Connector IP68 colour 04 black Suitable for cables 2x2,5 mm ²



accessories and components



light source	W	Lm	optic	code
LED				
Neutral white				
	4,7W	400	8°	BK18
	4,7W	400	ET	BK20
	4,7W	400	EL	BK22
	4,7W	400	34°	BK24
	4,7W	400	90°	BK26
Warm white				
	4,7W	380	8°	BK19
	4,7W	380	ET	BK21
	4,7W	380	EL	BK23
	4,7W	380	34°	BK25
	4,7W	380	90°	BK27
Complete with power supply Class of Insulation II				
	RGB			
	4,6W	200	32°	BK28

Driver Group to be ordered separately.

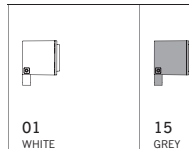
Compatible with light management systems of the iGuzzini range illustrated on page 12-14. For the system definition, refer to the instructions.

	code		code
	BZ60	Box for power supplies IP67 for 9856 colour 00 indeterminate dim. 280x190x130h	BZ33
	9856	Watertight connector kit IP68 for monochromatic LED colour 04 black	9581

Spike for ground application
colour 00 indeterminate

Driver Group Class II
220-240Vac
Composed of DALI 350mA interface and 30 W 28Vdc electronic ballast. It allows for connection of max 2 luminaires. Occupies 3 DALI addresses. for BK28 colour 00 indeterminate

Colours





iPro small / medium / large
design Mario Cucinella



small
∅ 132

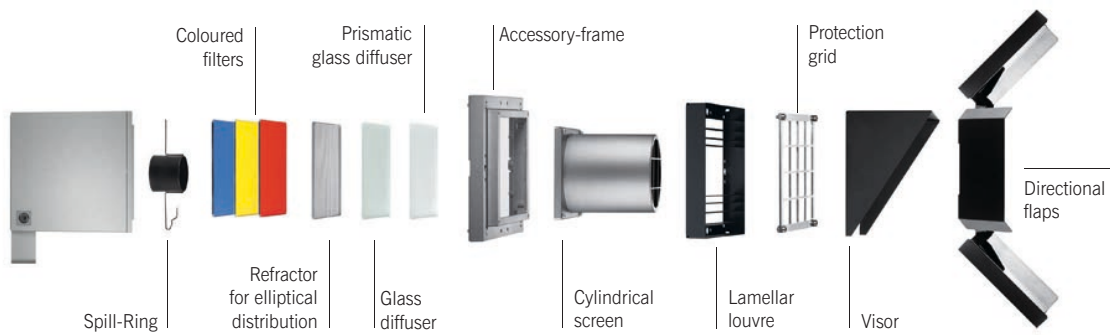
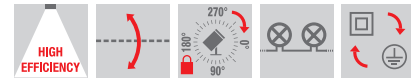
medium
∅ 155

large
∅ 192

Features



- Direct light luminaire for use with metal halide, sodium vapour, halogen lamps and LEDs.
- Installation on wall with bracket, surface and floor.
- Optical assembly and front frame made of die-cast material; hardened transparent sodium-calcium safety glass, 5mm thick, siliconed to frame.
- Bracket made of extruded aluminium with silk-screened graduated scale for easier aiming operations.
- Internal silicone gaskets to guarantee water tightness.
- Circular and asymmetrical longitudinal reflectors made of 99.93% superpure aluminium subjected to anodic oxidation process and polishing.
- Asymmetrical transversal reflector made of 99.85% superpure aluminium subjected to anodic oxidation process.
- All external screws made of A2 stainless steel.



Relamping without removing the accessories



Removable plate



Retention cable for frame

iPro small / medium / large

Visual comfort

The iPro system boasts a vast range of accessories for guaranteeing extremely flexible, effective lighting, providing the best solution for visual comfort, avoiding unwanted glare and reducing light pollution.



Visor



Directional flaps




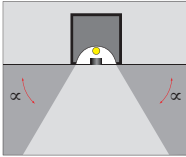
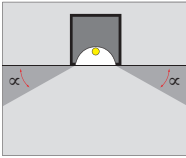
Louvre

Spill-ring

A wide range of anti-glare spill-rings for maximum visual comfort.



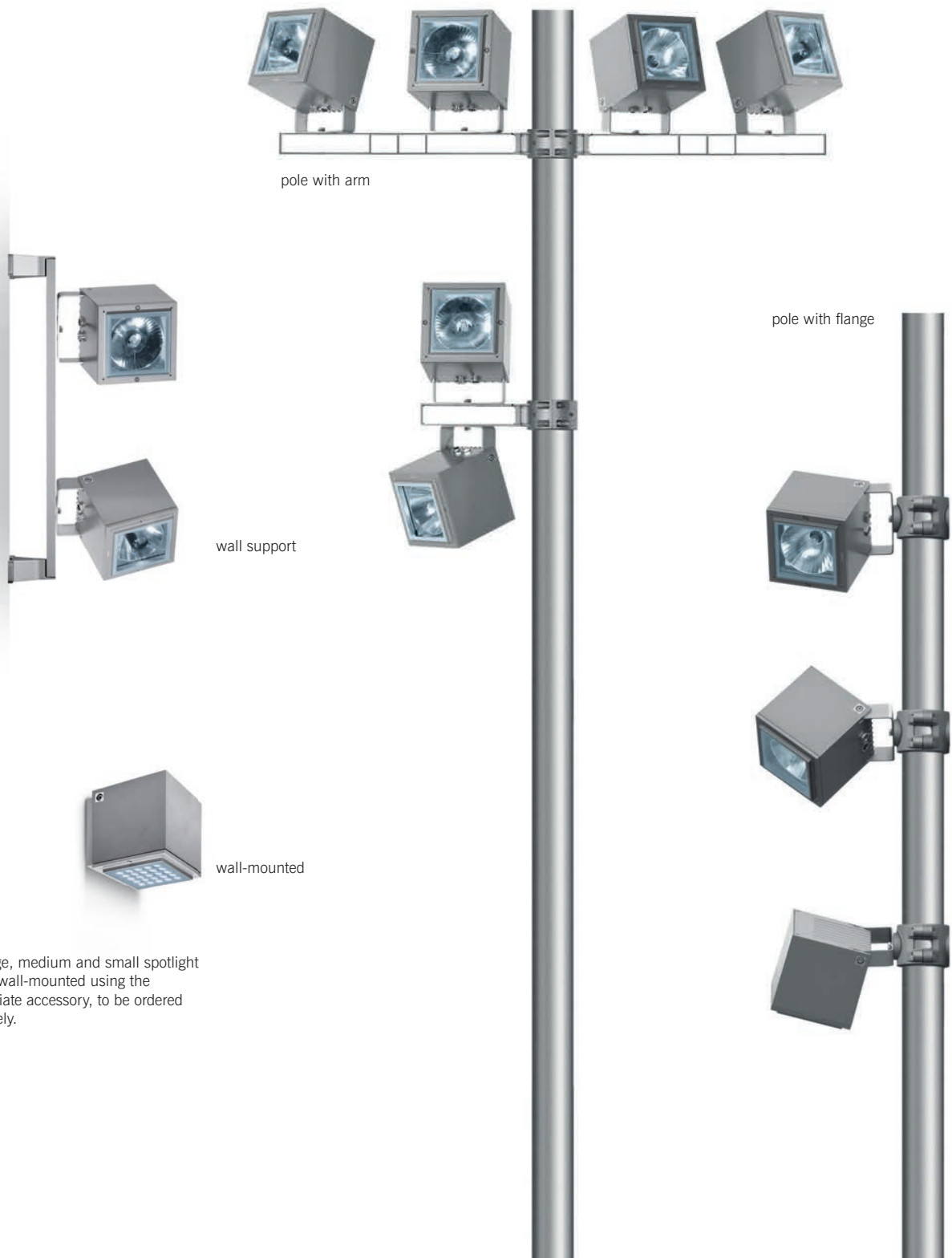
Cut-off angles with and without spill ring

Spill-ring	Cut Off	Body	α
		small	60°
		medium	60°
		large	45°
No spill-ring		small	30°
		medium	40°
		large	30°

The screening angles data relate to luminaires with Super Spot (SS) optics and Spot (S) optics. For data relating to Flood (F), Asymmetrical longitudinal (AL) and Asymmetrical Transversal (AT) optics, consult: <http://catalog.iguzzini.com>

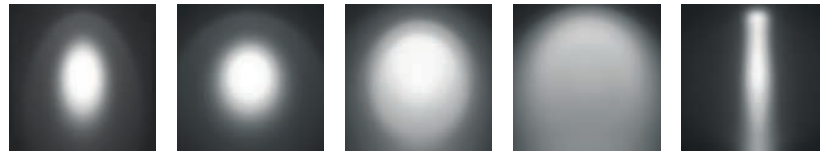
iPro system

The large floodlight can be pole-mounted.
The Multipro system is presented on page 187.



The large, medium and small spotlight can be wall-mounted using the appropriate accessory, to be ordered separately.

Photometric values


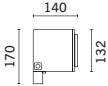


















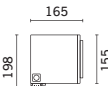














		SS - Super Spot				S - Spot				M - Medium				F - Flood				E - Elliptical*			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	10W - 18W - 27W	2	0,2	-	5704	2	0,3	-	5277					1	0,6	-	1233	2	2	0,3	588
		4	0,4	-	1426	4	0,6	-	1319					2	1,1	-	308	4	3,9	0,6	147
		6	0,6	-	634	6	0,8	-	586					3	1,7	-	137	6	5,9	0,8	65
		8	0,8	-	357	8	1,1	-	330					4	2,3	-	77	8	7,8	1,1	37
QR-CBC 51 GU5,3	50W					2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462				
						4	0,7	-	632	4	1,4	-	227	4	2,8	-	115				
						6	1	-	281	6	2,1	-	101	6	4,1	-	51				
						8	1,4	-	158	8	2,8	-	57	8	5,5	-	29				
HIT-CE PGJ5	20W													1	0,7	-	1075	1	1,3	0,8	473
														2	1,4	-	269	2	2,7	1,5	118
														3	2,1	-	119	3	4	2,3	53
														4	2,8	-	67	4	5,4	3,1	30
HIT-CE G12	70W - 150W					2	0,2	-	3522	2	0,3	-	2327	1	0,6	-	1210	2	2,1	0,4	396
						4	0,4	-	880	4	0,7	-	582	2	1,3	-	303	4	4,3	0,8	99
						6	0,6	-	391	6	1	-	259	3	1,9	-	134	6	6,4	1,3	44
						8	0,8	-	220	8	1,4	-	145	4	2,6	-	76	8	8,5	1,7	25
HIT-TC-CE G8,5	35W					2	0,2	-	3756	2	0,3	-	2280	2	0,7	-	814	1	2,3	1,3	85
						4	0,4	-	939	4	0,7	-	570	4	1,4	-	204	2	4,5	2,6	21
						6	0,6	-	417	6	1	-	253	6	2,1	-	90	3	6,8	3,9	9
						8	0,8	-	235	8	1,4	-	143	8	2,8	-	51	4	9	5,2	5

* Elliptical optic is obtained by installing the respective accessories.

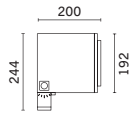




















		AL - Longitudinal asymmetric				AT - Asymmetrical transversal			
		h	d1	d2	Em	h	d1	d2	Em
HIT-TC-CE G8,5	35W	1	2,9	2,2	102				
		2	5,7	4,4	26				
		3	8,6	6,5	11				
		4	11,4	8,7	6				
HIT-CE G12	70W	1	4,3	2,4	94				
		2	8,6	4,9	24				
		3	12,9	7,3	10				
		4	17,2	9,7	6				
HIT-DE-CE Rx7s	70W - 150W					1	0,7	1,4	175
						2	1,4	2,8	44
						3	2,1	4,2	19
						4	2,8	5,6	11
HST-DE Rx7s	150W					1	0,5	1,4	209
						2	1,1	2,7	52
						3	1,6	4,1	23
						4	2,1	5,5	13

accessories									
	light source	W	Lm	optic	code		code		code
 	LED	Neutral white				 Accessory-frame colour 01 white - 15 grey For use installing accessories	BZ49	 Single directional flap colour 04 black Installed with accessory-frame	BZ58
		10W	790	6°	BD34				
		10W	790	32°	BD36				
		Warm white							
		10W	680	6°	BD35				
		10W	680	32°	BD37				
	QRCBC51 (GU5,3)	Electronic				 Refractor for elliptical distribution colour 24 clear transparent Installed with accessory-frame	BZ53	 Protection grid colour 13 steel Installed with accessory-frame	BZ56
		50W	12V		BD38				
	HIT-CE (PGJ5)	Electronic				 Glass diffuser no for LED colour 65 nitric Installed with accessory-frame	BZ51	 Spill ring for optic Superspot for BD32 colour 04 black	BZ54
		20W		6°	BD32				
	20W		38°	BD33	 Prismatic glass diffuser for LED version colour 24 clear transparent Installed with accessory-frame	BZ52	 Spill ring for optic Flood for BD33 colour 04 black	BZ55	
					 Coloured filters colour 05 red - 06 yellow 09 sky blue Installed with accessory-frame	BZ50	 L-shaped bracket colour 15 grey (01 white on request) for installation on cornices	BZ62	
					 Cylindrical screen for BD32-BD38 colour 47 white/black 74 grey/black Installed with accessory-frame	BZ57	 Wall-mounted base colour 01 white - 15 grey	BZ18	
					 Visor colour 04 black	BZ59	 Spike for ground application colour 00 indeterminate	BZ60	
							 Strap for attaching to branches Section=40÷120 mm colour 00 indeterminate	BZ61	

accessories									
	light source	W	Lm	optic	code		code		code
 	LED	Neutral white				 Accessory-frame colour 01 white - 15 grey For use installing accessories	BZ63	 Single directional flap colour 04 black Installed with accessory-frame	BZ73
		18W	1400	6°	BD46				
		18W	1400	32°	BD48				
		Warm white							
		18W	1210	6°	BD47				
		18W	1210	32°	BD49				
	HIT-TC-CE (G8,5)	Electromagnetic				 Refractor for elliptical distribution colour 24 clear transparent Installed with accessory-frame	BZ67	 Protection grid colour 13 steel Installed with accessory-frame	BZ71
		35W		10°	BD44				
		35W		20°	BD45	 Glass diffuser no for LED colour 65 nitric Installed with accessory-frame	BZ65	 Lamellar louvre for asymmetrical longitudinal optic for BD43 colour 04 black	BZ75
	Class of Insulation I To be used exclusively with lamps Osram and G.E.				 Prismatic glass diffuser for LED version colour 24 clear transparent Installed with accessory-frame	BZ66	 Spill ring for optic Superspot and Spot for BD40-BD41-BD44 colour 04 black	BZ68	
	Electronic								
	35W		6°	BD40	 Coloured filters colour 05 red - 06 yellow 09 sky blue Installed with accessory-frame	BZ64	 Spill ring for optic Medium for BD42-BD45 colour 04 black	BZ69	
	35W		10°	BD41					
	35W		20°	BD42					
	35W		AL	BD43*					
	* Do not use with CMH-GE lamps				 Cylindrical screen for BD40-BD41-BD44 colour 47 white/black 74 grey/black Installed with accessory-frame	BZ72	 L-shaped bracket colour 15 grey (01 white on request) for installation on cornices	BZ76	
	On demand PAR 30 version (max 100 W) (code BD50) and TC-TEL (18 W) (code BD51)								
					 Visor colour 04 black	BZ74	 Wall-mounted base colour 01 white - 15 grey	BZ19	

accessories



light source	W	optic	code		code	code					
LED	Neutral white					BZ77	Accessory-frame colour 01 white - 15 grey For use installing accessories		BZ89	Lamellar louvre for asymmetrical transversal optic for BD55-BD62 colour 04 black	
	27W	2430	8°	BG35							
	27W	2430	34°	BG37							
	Warm white					BZ80	Refractor for elliptical distribution colour 24 clear transparent Installed with accessory-frame		BZ90	Lamellar louvre for asymmetrical longitudinal optic for BD56 colour 04 black	
	27W	2280	8°	BG36							
	27W	2280	34°	BG38							
	HIT-CE (G12)	Electromagnetic					BZ79	Glass diffuser no for LED colour 65 nitric Installed with accessory-frame		6879	Spill ring for optic Superspot and Spot for BD52-BD53-BD57-BD59 colour 04 black
		70W		10°	BD57						
70W			38°	BD58*							
150W			8°	BD59							
150W			36°	BD61*							
Class of Insulation I * The Flood optic becomes Medium with HCI-T Powerball (Osram).					1154	Prismatic glass diffuser for LED version colour 24 clear transparent Installed with accessory-frame		6881	Spill ring for optic Medium and Flood for BD54-BD58-BD61 colour 04 black		
Electronic											
70W			6°	BD52							
70W			10°	BD53							
70W			38°	BD54*		BZ78	Coloured filters colour 05 red - 06 yellow 09 sky blue Installed with accessory-frame		BZ84	Spill ring for asymmetrical transversal optic for BD55-BD62 colour 04 black	
70W		AL	BD56								
* The Flood optic becomes Medium with HCI-T Powerball (Osram).											
HIT-DE-CE (Rx7s)	150W		AT	BD62		BZ86	Cylindrical screen for BD52-BD53-BD57-BD59 colour 47 white/black 74 grey/black Installed with accessory-frame		6014	Multiple support for two floodlights colour 15 grey	
HST-DE (Rx7s)						BZ88	Visor colour 04 black		6015	Multiple support for three floodlights colour 15 grey	
HIT-DE-CE (Rx7s)	Electronic 70W		AT	BD55		BZ87	Single directional flap colour 04 black Installed with accessory-frame		BZ91	L-shaped bracket colour 15 grey (01 white on request) for installation on cornices	
To be used exclusively with light sources with ceramic burner.						BZ85	Protection grid colour 13 steel Installed with accessory-frame		BZM5	Wall-mounted base colour 01 white - 15 grey	

Colours

