

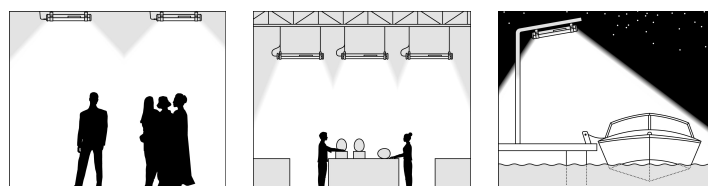


Benson

Ceiling light fitting for directional lighting, ø100 and 133 clear housing



Some architectural spaces deserve better than a satin-finish tube, so Sammode created the Benson, a tube offering transparency and reflection. The Benson secret: optimal distribution of the light output, thanks to specific optics reducing axial intensity, along with extensive high performance reflectors. Thanks to this original configuration, the Benson luminaire offers high lighting comfort, with quality indoor lighting, even at heights, while complying with the new regulations to combat outdoor light pollution (ULR = 0%).



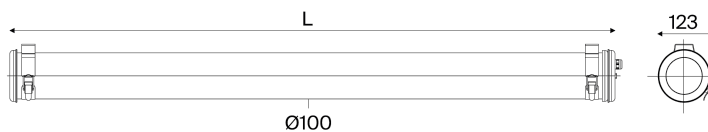


Benson

Ceiling light fitting for directional lighting, ø100 and 133 clear housing



Sammode



Comfortable versions

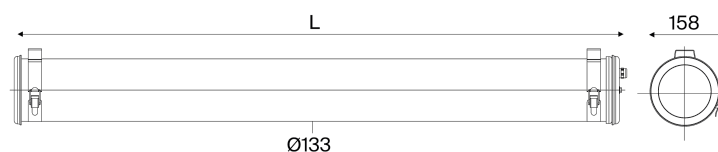
ø100

T (K)	Flux (lm)	L (mm)	Designation	Code	Watt
3000	1600	708	BENSON 100 S 700 1600-830	42075060	14
	2400	1018	BENSON 100 S 1000 2400-830	42075058	22
	3200	1318	BENSON 100 S 1300 3200-830	42075059	28
	4000	1618	BENSON 100 S 1600 4000-830	42075056	34
4000	1600	708	BENSON 100 S 700 1600-840	42075061	14
	2400	1018	BENSON 100 S 1000 2400-840	42075062	22
	3200	1318	BENSON 100 S 1300 3200-840	42075055	28
	4000	1618	BENSON 100 S 1600 4000-840	42075063	34

Reinforced versions

ø100

T (K)	Flux (lm)	L (mm)	Designation	Code	Watt
3000	2300	708	BENSON 100 S 700 2300-830	42075163	20
	3450	1018	BENSON 100 S 1000 3450-830	42075150	29
	4600	1318	BENSON 100 S 1300 4600-830	42075152	38
	5750	1618	BENSON 100 S 1600 5750-830	42075151	47
4000	2300	708	BENSON 100 S 700 2300-840	42075265	20
	3450	1018	BENSON 100 S 1000 3450-840	42075327	29
	4600	1318	BENSON 100 S 1300 4600-840	42075224	38
	5750	1618	BENSON 100 S 1600 5750-840	42075357	47



Comfortable versions

ø133

T (K)	Flux (lm)	L (mm)	Designation	Code	Watt
3000	4800	995	BENSON 133 S 1000 4800-830	43045012	50
	6400	1295	BENSON 133 S 1300 6400-830	43045013	63
	8000	1595	BENSON 133 S 1600 8000-830	43045014	79
4000	4800	995	BENSON 133 S 1000 4800-840	43045015	50
	6400	1295	BENSON 133 S 1300 6400-840	43045016	63
	8000	1595	BENSON 133 S 1600 8000-840	43045017	79

Other output / other lengths: consult us




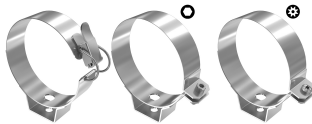


Benson

Ceiling light fitting for directional lighting, ø100 and 133 clear housing




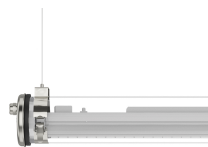

Sammode

Options

End caps & fixing straps finish	Fixing straps	Color temperature
		2700K 827 3000K 830 4000K 840
End caps & straps painted Coal RAL7021	COAL	
Aluminium gear unit cover	Materials	Lighting management
	Coextruded polycarbonate/PMMA housing for Indoor/Outdoor use (650°) Polycarbonate housing (960°C) End caps & fixing straps 304L stainless steel End caps & fixing straps 316L stainless steel	Electronic gear unit for DALI dimming RD Electronic gear unit for push button RS Switch-off warning function (for sensor/timer) RC Casambi Bluetooth control RB
Silver Copper Brass Petrol	CRS CRC CRB CRP	
	Presence sensor	
		
	Built-in presence sensor (length increased by 85mm)	SI
	Electrical class	
	Class I Class II	CL1 -

Accessories

To be ordered separately

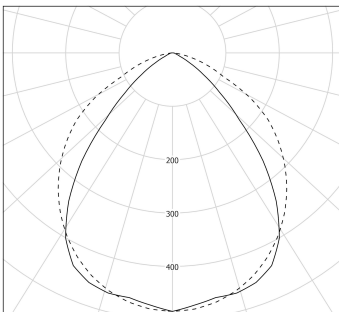
		
Stainless steel cable plate kit (IP40)	17500020 Horizontal suspension kit (3m ropes)	17500050 Pre-cabling 3m 3G1.5 (3 wires) Braided tinned copper cable CAB0008 Pre-cabling 3m 5G1.5 (5 wires) Braided tinned copper cable CAB0011

Specification



CE

Photometry



cd/klm
CO - C180 --- C90 - C270
1° = 100%

Benson 100
ULR = 0%
FC3 = 99%

Technical characteristics	
Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 50 000 h L80/B10 at 25°C Photobiological hazard : None (RG0)
Optics	Extensive reflector in mirror-finish aluminium Specific satin-finish primary diffuser optics reducing axial intensity
Lighting comfort	Brightness control Transversal glare control : 25° in Ø100, 10° in Ø133 Controlled glare: UGR ≤25 for comfortable versions
Control gear	Constant current driver (non-dimmable)
Supply voltage	220-240V 50/60Hz
Electrical class	Class II
Operating temperature	-20°C to +35°C
Easy intallation and maintenance	
Connection	With nickel-coated brass cable gland for cable Ø 5-14 mm To a 3 x 2,5 mm ² disconnectable terminal block
Opening and closing	Quick, with just one screw
Mounting	2 stainless steel fixing straps (with variable centre distance)
LED engine maintenance	Patented sliding maintenance system Easily removable LED modules and driver
Materials	
Housing	Ø100 and 133 Co-extruded polycarbonate/PMMA for inside/outside use
End caps and fixing straps	304L stainless steel
Standards	
Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK10
Fire resistance	650°C