

RALED*SPOT*[®] RASB-39



Micro Spot Light

RALEDSPOT® RASB-39

RALEDSPOT® MICRO FULL COLOUR SPOT LIGHTS

The micro version with only 39 mm diameter is the perfect solution for nice and invisible illuminations of monuments, pictures and any outdoor or under water application. Even at this small size we are able to provide four changeable beam angles and various versions of COB configurations up to full colour applications.

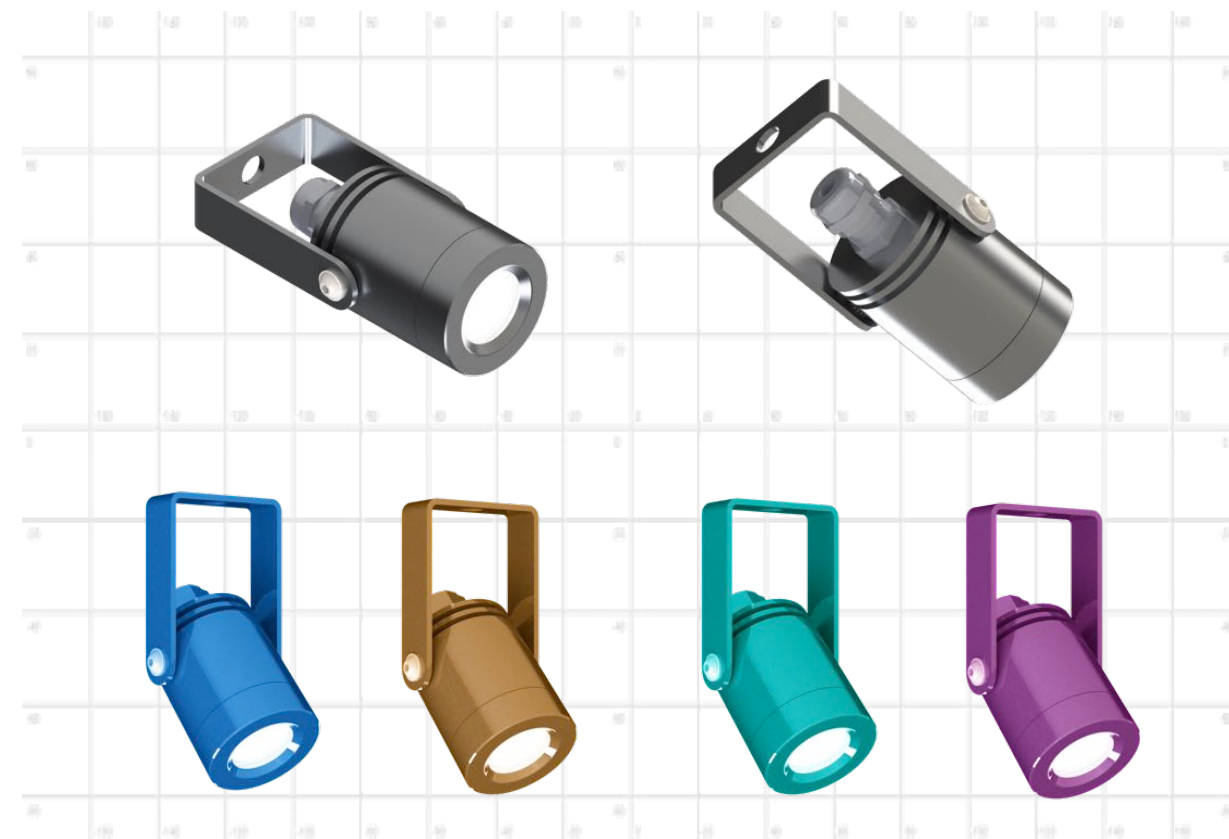
TYPICAL APPLICATIONS:

Indoor and outdoor light effects, even under water. Fountain and pool applications and plant illumination.

UNIQUE FEATURES:

- ✓ unibody metal housing
- ✓ stainless steel housing for under water
- ✓ changeable beam angles
- ✓ full colour
- ✓ high efficient









„the micro spot light“



RALEDSPOT® RASB-39

Sample order code:

RASB-39-WW-3000K-25-IP65-3W-AL-RAL9022-DS+PC+RA

Model Code:	Beam Angle	COB	CCT	39 (AL body)	39 (V4A body)	Protection	Options	
RASB-39	15/25/40/60°	WW	3000K	3W	3W	AL body -IP65 V4A body- IP65/68	Diffuser Satin (-DS)	
								
								Plug connection (+PC)
								
		NW	4000K				Rail Adapter (+RA)	
		CW	5000K					
								
				3W / 2W in single colour	3W / 2W in single colour		Direct Ceiling Mounting (+CM)	
		RGB/WW	3000K					
							Special RAL Coating (RALxxxx)	
								
							Special Eloxal Coating (ELOxxxx)	
								



Standard RAL and ELOX colours:

- RAL9016 (White)/ RAL9004 (Black)
- RAL7016 (Anthracite)
- ELO E6EV1 (Silver)
- special coatings on request

RALED*SPOT*[®] RASB-65



Mini Spot Light

RALEDSPOT® RASB-65

RALEDSPOT® HIGH PERFORMANCE FULL COLOUR SPOT LIGHTS

The unique design applied at smaller diameters like the **RALEDSPOT® 65** looks even more sophisticated. Even at this size we are able to integrate most of our special features, like changeable beam angles, special COB configurations and high end reflector technology.

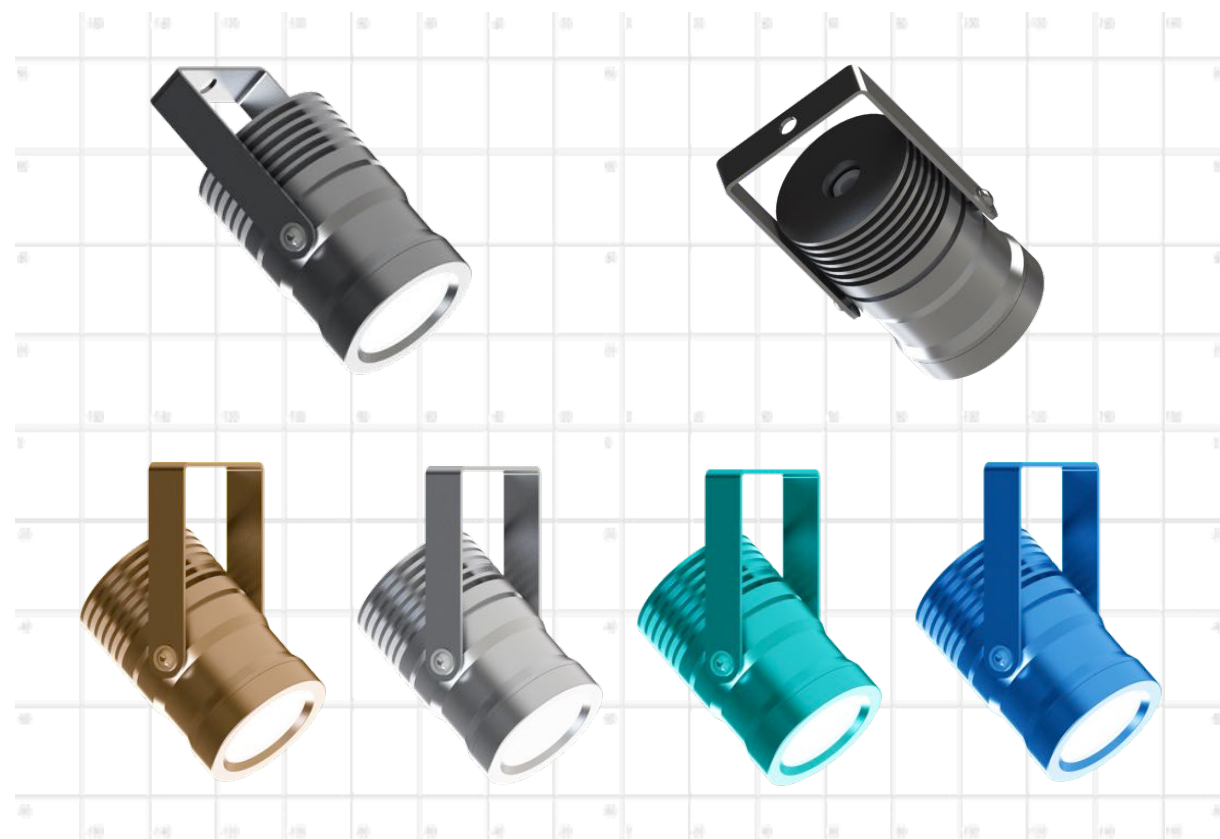
TYPICAL APPLICATIONS:

This series is mostly used at shops with high number of light fixtures at small areas. It is also a very nice solution for shopping display illumination at full colour and small light beams directly to the product.

UNIQUE FEATURES:

- ✓ unibody metal housing
- ✓ stainless steel housing for under water
- ✓ changeable beam angles
- ✓ full colour
- ✓ high efficient

„the medium spot light“



Cable connection with 2,0 m length:



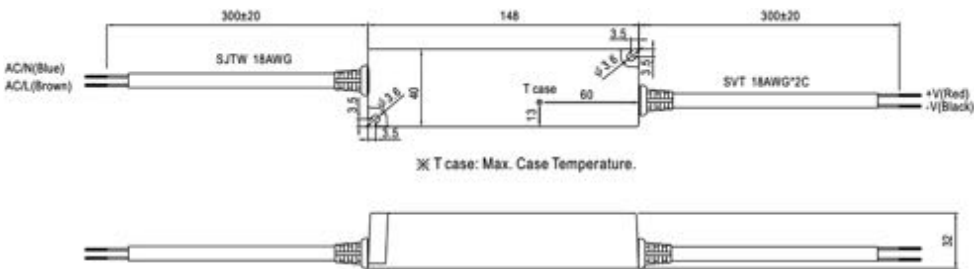
Plug connection:



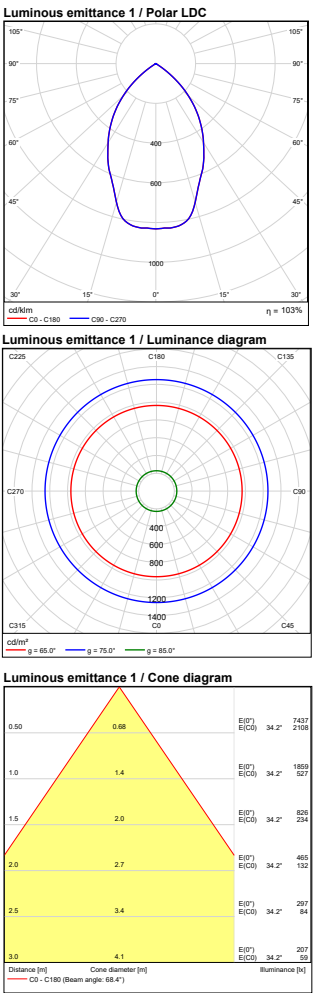
COB configuration:



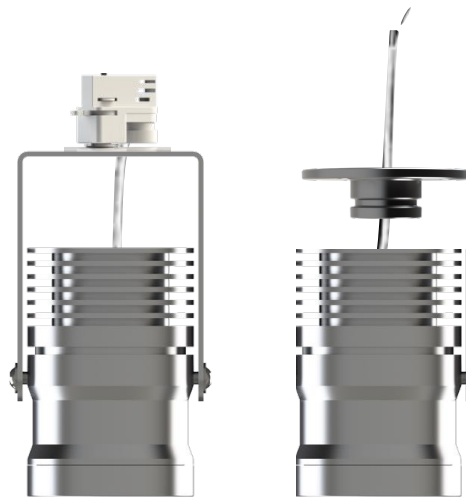
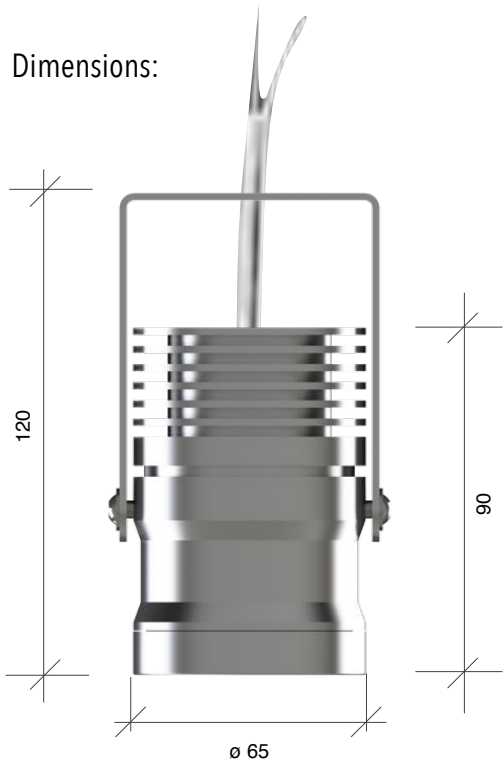
Power supply information:



Luminous emittance:



Dimensions:



Rail Adapter:









Direct Ceiling Mount:

Type:	RASB-65
Head diameter:	65 mm
System power (WW/NW/CW):	adjustable up to 15W
System power (RGBW):	single colour max. 10W
	total colour mix max. 15W
Operating voltage:	90-308VAC or 130-430 VDC
Operating frequency:	47 - 63 Hz
Harmonic distortion:	THD < 20%
Operating temperature:	< 60°C
Operating humidity:	10% < φ < 90%
Beam angle:	15 / 25 / 40 and 60°
Colour temperature (CCT):	CW / NW / WW / RGBW / R/ G/ B/ A
Special colours (Dual colour	WW, or NW, or CW with RGB , A
Colour rendering (CRI):	>80, up to CRI 98 on request
Efficacy (WW/NW/CW)	112 Lm/ W
Efficacy (RGBW)	R=89/G=104/B=54/W=112 Lm/W
Wave length (RGB):	R=610 / G=520 / B=470 nm
Appearance:	AL anodised, RAL coated, V4A
Protection degree / class:	IP65 / I / II or III (with ext. power supply)
Life span:	more than 80.000 hours
Control system:	DMX / DALI / 1-10V / custom
Power supply type:	LPF 25
Weight:	0,56 kg

RALEDSPOT® RASB-65

Sample order code:

RASB-65-WW-3000K-15-IP65-15W-AL-RAL9022-DS+PC+RA

Model Code:	Beam Angle	COB	CCT	65 (AL body)	65 (V4A body)	Protection	Options		
RASB-65	15/25/40/60°	WW	1800K	15W	15W	AL body -IP65 V4A body- IP65/68	Diffuser Satin (-DS)		
		WW	2700K						
		WW	3000K					Plug connection (+PC)	
		NW	3500K						
		NW	4000K						
		CW	5000K						
		CW	6000K				Rail Adapter (+RA)		
			RGB/WW	3000K	15W / 10W in single colour		15W / 10W in single colour		
RGB/ NW			4000K	15W	15W		Direct Ceiling Mounting (+CM)		
R									
G									
B				15W	15W				
WW/ CW			2500K/7000K		15W		15W		
G/ WW			2700K						
A/ WW			2700K						
A/ NW			4000K				Special Eloxal Coating (ELOxxxx)		
A/ UV									
R/ NW			6500K						



Standard RAL and ELOX colours:

- RAL9016 (White)/ RAL9004 (Black)
- RAL7016 (Anthracite)
- ELO E6EV1 (Silver)
- special coatings on request

RALED*SPOT*[®] RASB-120



Large Spot Light

RALEDSPOT® RASB-120

RALEDSPOT® HIGH PERFORMANCE FULL COLOUR SPOT LIGHTS

Unique design meets high performance, full colour and a never seen durability. With a range starting from micro versions with ø39 mm, medium with ø60 and ø80mm up to high power version with ø120 mm the **RALEDSPOT®** series fits to all applications, even with IP68 versions with stainless steel housing for under water operation. Changeable beam angles and system power up to 45W, even at full colour are setting new benchmarks in the market. The full range in terms of size, power rating, direct mounted or rail systems fits to every application perfectly with outstanding energy savings.

TYPICAL APPLICATIONS:

Starting from unique shop illumination, as direct or rail mounted versions up to IP68 under water fountain applications, the **RALEDSPOT®** luminaries are the perfect solution for every application. Full colour, single and double colour, high CRI up to 98 and special plant growing configurations are available in every size and power rating.

UNIQUE FEATURES:

- ✓ unibody metal housing
- ✓ stainless steel housing for under water
- ✓ changeable beam angles
- ✓ full colour
- ✓ high efficient

„the design spot light“



Cable connection
with 2,0 m length:



Plug connection:



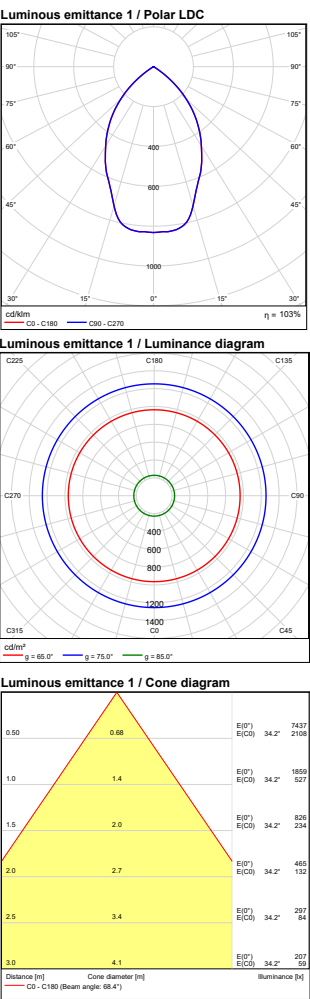
Rail Adapter:



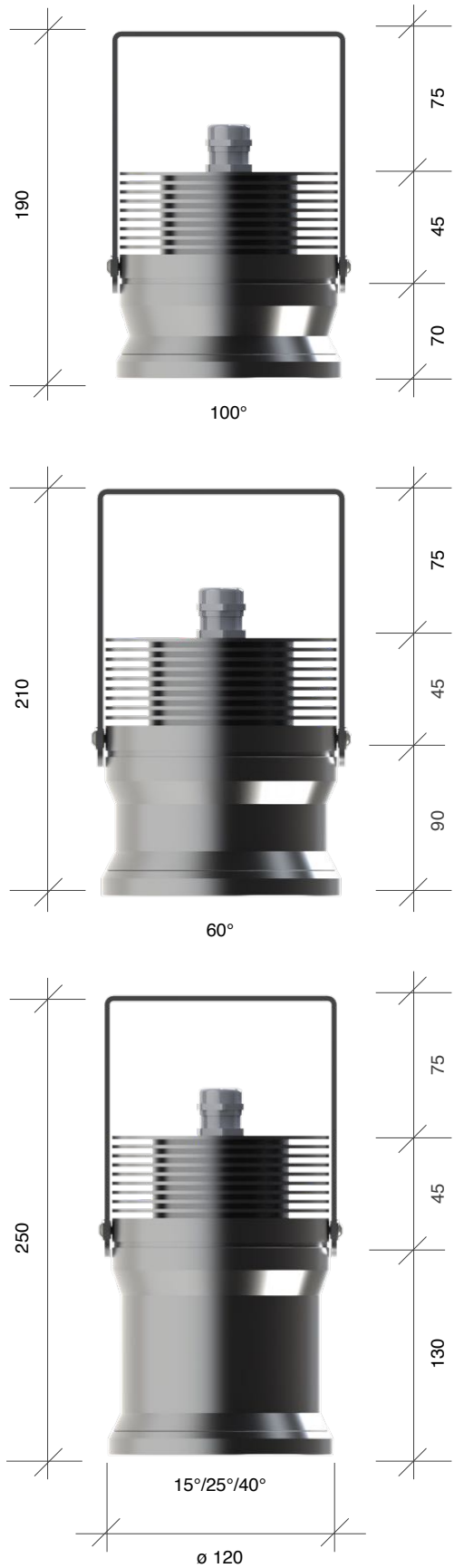
Direct Ceiling Mount:



Luminous emittance:



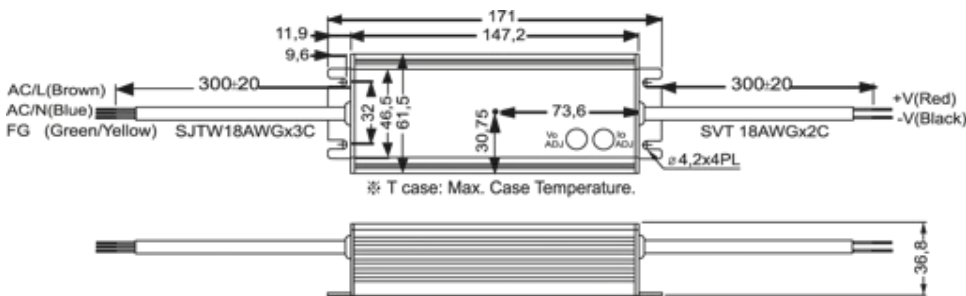
Dimensions:



COB configuration:



Power supply information:





Type:	RASB-120
Head diameter:	120 mm
System power (WW/NW/CW):	adjustable up to 45W
System power (RGBW):	single colour max. 42W
	total colour mix max. 45W
Operating voltage:	90-308VAC or 130-430 VDC
Operating frequency:	47 - 63 Hz
Harmonic distortion:	THD < 20%
Operating temperature:	< 60°C
Operating humidity:	10% < φ < 90%
Beam angle:	15 / 25 / 40 / 60 and 100°
Colour temperature (CCT):	CW / NW / WW / RGBW / R/ G/ B/ A
Special colours (Dual colour	WW, or NW, or CW with RGB ,A
Colour rendering (CRI):	>80, up to CRI 98 on request
Efficacy (WW/NW/CW)	144 Lm/ W
Efficacy (RGBW)	R=89/G=104/B=54/W=112 Lm/W
Wavelength (RGB):	R=610 / G=520 / B=470 nm
Appearance:	AL anodised, RAL coated, V4A
Protection degree / class:	IP65 / I / II or III (with ext. power supply)
Life span:	more than 80.000 hours
Control system:	DMX / DALI / 1-10V / custom
Power supply type:	HLG 60
Weight:	2,2 - 2,6 kg

RALEDSPOT® RASB-120

Sample order code:

RASB-120-WW-3000K-60-IP65-45W-AL-RAL9022-DS+PC+RA

Model Code:	Beam Angle	COB	CCT	120 (AL body)	120 (V4A body)	Protection	Options
RASB-120	<div>15/25/40°</div> 	WW	1800K	45W	45W	IP 65	Diffuser Satin (-DS)
		WW	2700K				
		WW	3000K				
		NW	3500K				Plug connection (+PC)
		NW	4000K				
		CW	5000K				
		CW	6000K				
	<div>60°</div> 	RGB/WW	3000K	45W/42W in single color	45W/42W in single color		
		RGB/ NW	4000K				Rail Adapter (+RA)
		R		45W	45W		
	G						
	B						
	<div>100°</div> 	WW/ CW	2500K/7000K	45W	45W		Direct Ceiling Mount (+CM)
		G/ WW	2700K				
		A/ WW	2700K				
		A/ NW	4000K				
		A/ UV					Special Coating (RALxx / ELOxx)
		R/ NW	6500K				



Standard RAL and ELOX colours:

- RAL9016 (White)/ RAL9004 (Black)
- RAL7016 (Anthracite)
- ELO E6EV1 (Silver)
- special coatings on request

Remarks:

- special configurations upon request
- Beam angle $\leq 7^\circ$ on request

RALED*SPOT*[®] RAHSB-120-1



Large Spot Light

RALEDSPOT® RAHSB-120-1

RALEDSPOT® HIGH PERFORMANCE FULL COLOUR SPOT LIGHTS

Unique design meets high performance, full colour and a never seen durability. With a range starting from micro versions with $\varnothing 39$ mm, medium with $\varnothing 65$ and $\varnothing 80$ mm up to high power version with $\varnothing 120$ mm the **RALEDSPOT®** series fits to all applications, even with IP68 versions with stainless steel housing for under water operation. Changeable beam angles and system power up to 45W, even at full colour are setting new benchmarks in the market. The full range in terms of size, power rating, direct mounted or rail systems fits to every application perfectly with outstanding energy savings.

TYPICAL APPLICATIONS:

Starting from unique shop illumination, as direct or rail mounted versions up to IP68 under water fountain applications, the **RALEDSPOT®** luminaries are the perfect solution for every application. Full colour, single and double colour, high CRI up to 98 and special plant growing configurations are available in every size and power rating.

UNIQUE FEATURES:

- ✓ unibody metal housing
- ✓ stainless steel housing for under water
- ✓ changeable beam angles
- ✓ full colour
- ✓ high efficient

„the high power spot light“



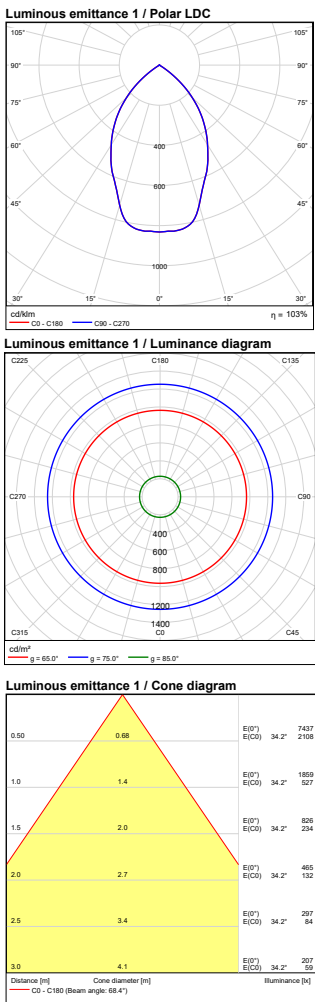
Cable connection
with 2,0 m length:



Rail Adapter:



Luminous emittance:



Dimensions:



Plug and Rail connection:



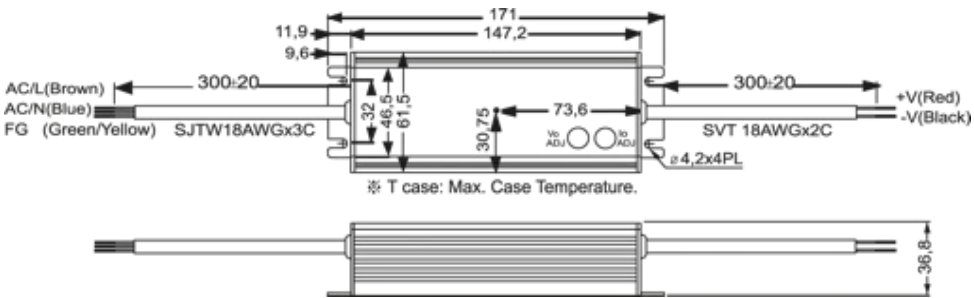
Direct Ceiling Mount:



COB configuration:



Power supply information:












Type:	RAHSB-120 -1
Head diameter:	120 mm
System power (WW/NW/CW):	adjustable up to 45W
System power (RGBW):	single colour max. 42W
	total colour mix max. 45W
Operating voltage:	90-308VAC or 130-430 VDC
Operating frequency:	47 - 63 Hz
Harmonic distortion:	THD < 20%
Operating temperature:	< 60°C
Operating humidity:	10%< ϕ<90%
Beam angle:	15 / 25 / 40 / 60 and 100°
Color temperature (CCT):	CW / NW / WW / RGBW / R/ G/ B/ A
Special colours (Dual colour	WW, or NW, or CW with RGB , A
Color rendering (CRI):	>80, up to CRI 98 on request
Efficacy (WW/NW/CW)	144 Lm/ W
Efficacy (RGBW)	R=89/G=104/B=54/W=112 Lm/W
Wave length (RGB):	R=610 / G=520 / B=470 nm
Appearance:	AL anodised, RAL coated, V4A
Protection degree / class:	IP65 / I /II or III (with ext. power supply)
Life span:	more than 80.000 hours
Control system:	DMX / DALI / 1-10V / custom
Power supply type:	HLG 60
Weight:	1,8 - 2,2 kg

RALEDSPOT® RAHSB-120-1

Sample order code:

RAHSB-120-1-WW-3000K-60-IP65-45W-AL-RAL9022-DS+PC+RA

Model Code:	Beam Angle	COB	CCT	120 (AL body)	120 (V4A head)	Protection	Options			
RAHSB-120-1	<div>7/15/25/40°</div> 	WW	1800K	45W / 60W	45W / 60W	AL body -IP65 V4A body- IP65/68	Diffuser Satin (-DS)			
		WW	2700K							
		WW	3000K					Plug connection (+PC)		
		NW	3500K							
		NW	4000K							Rail Adapter (+RA)
		CW	5000K							
		CW	6000K							
<div>60°</div> 	RGB/WW	3000K	42W & 55W in single colour	42W & 55W in single colour						
	RGB/ NW	4000K	45W / 60W	45W / 60W			Direct Ceiling Mounting (+CM)			
	R				Special RAL Coating (RALxxxx)					
	G									
	B		Special Eloxal Coating (ELOxxxx)							
	<div>100°</div> 	WW/ CW		2500K/7000K	45W / 60W		45W / 60W			
		G/ WW		2700K						
		A/ WW		2700K						
		A/ NW		4000K						
		A/ UV								
R/ NW	6500K									



Standard RAL and ELOX colours:

- RAL9016 (White)/ RAL9004 (Black)
- RAL7016 (Anthracite)
- ELO E6EV1 (Silver)
- special coatings on request