

SMART KUP 82 GU10

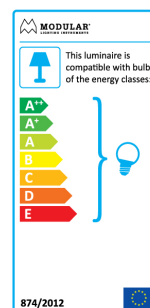
Smart kup is one of the 3 forms of the Smart family. The cone of the Smart kup ends in a fine trim. A trim particular Modular. The same subtle trim is used in several other Modular luminaires. The Smart family's styling is based on our most popular designs. In concrete terms, the luminaires consist of a source (LED or halogen) which can be combined with one of three trims to suit your requirements. The new spotlights can be combined with Smart mask, Smart surface box or surface tubed to form the perfect solution for any interior.

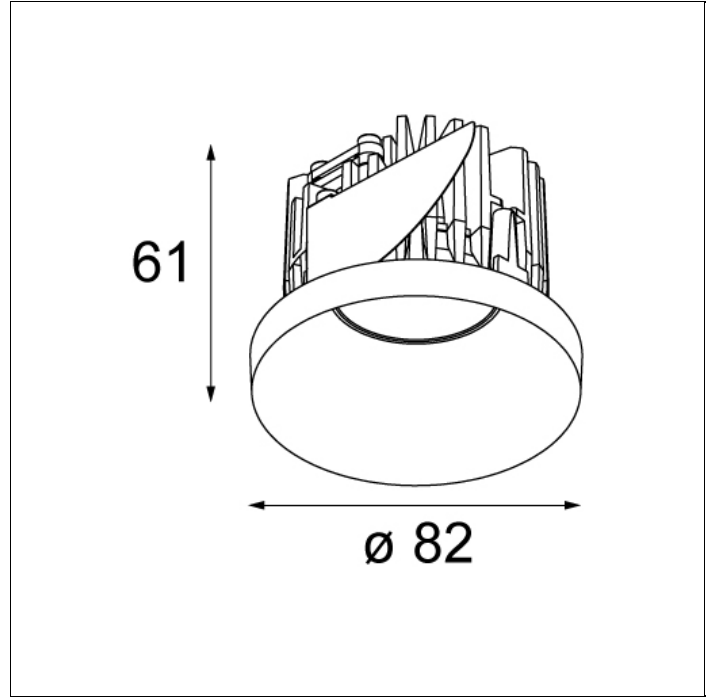
Art. Nr. 12480109

SPECIFICATIONS

Lamp	1x QPAR 16 Gu10 max. 50W
Gear / Transfo	transfo/gear not required
Cut-out size	Ø 70 h 110
Weight	0.2kg
Min. Distance	0.5 m
Power supply	230V
IP	IP20
Glow Wire Test	960°
Source lifetime	2000 hrs
Lumen	389 Lm
Efficacy	71 Lm/W
UGR	15
Remark	! can be combined with Smart mask ! can be combined with Smart surface box & tubed

black struc	12480132
gold	12480146
white struc	12480109





SMART KUP 82 LED GE

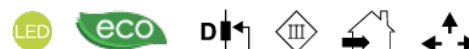
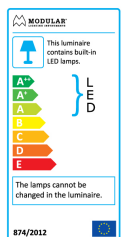
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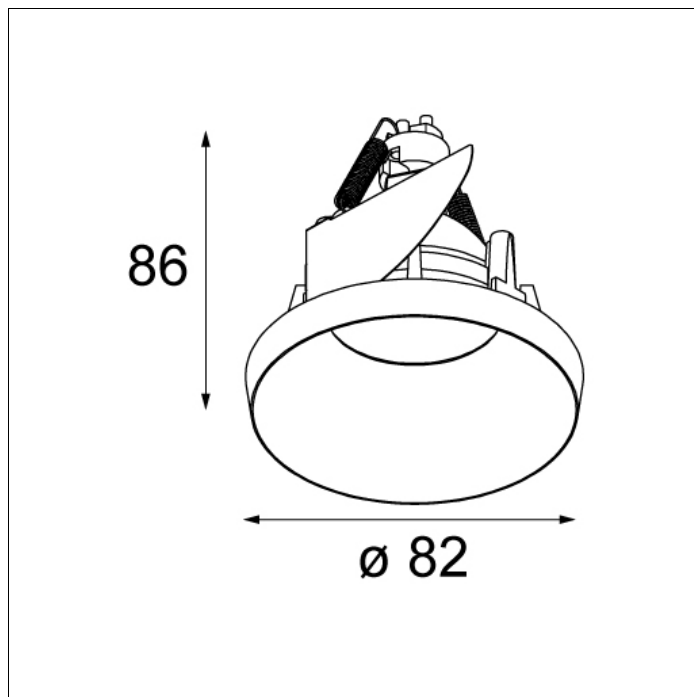
Art. Nr. 12471009

SPECIFICATIONS

Lamp	1x LED Array	
Gear / Transfo	LED gear not incl.	
Cut-out size	ø 70 h 60	
Weight	0.36kg	
Min. Distance	0.1 m	
IP	IP20	
Glow Wire Test	960°	
Source lifetime	50000 hrs	
CRI	90	
Power supply	500mA	350mA
	21Vf	20Vf
Connected load	10.5W	6.9W
Lumen	814lm	592lm
Efficacy	78lm/W	86lm/W
UGR	17	16
Remark	! can be combined with Smart mask ! can be combined with Smart surface box & tubed	

	WARM WHITE 2700K / CRI 90+		NEUTRAL WHITE 4000K / CRI 80+		WARM WHITE 3000K / CRI 90+	
	MEDIUM 25°	FLOOD 50°	MEDIUM 25°	FLOOD 50°	MEDIUM 25°	FLOOD 50°
black struc	12471032	12471232	12471132	12471332	12471432	12471532
gold	12471046	12471246	12471146	12471346	12471446	12471546
white struc	12471009	12471209	12471109	12471309	12471409	12471509





SMART KUP 82 MR16 GE

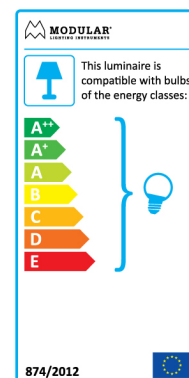
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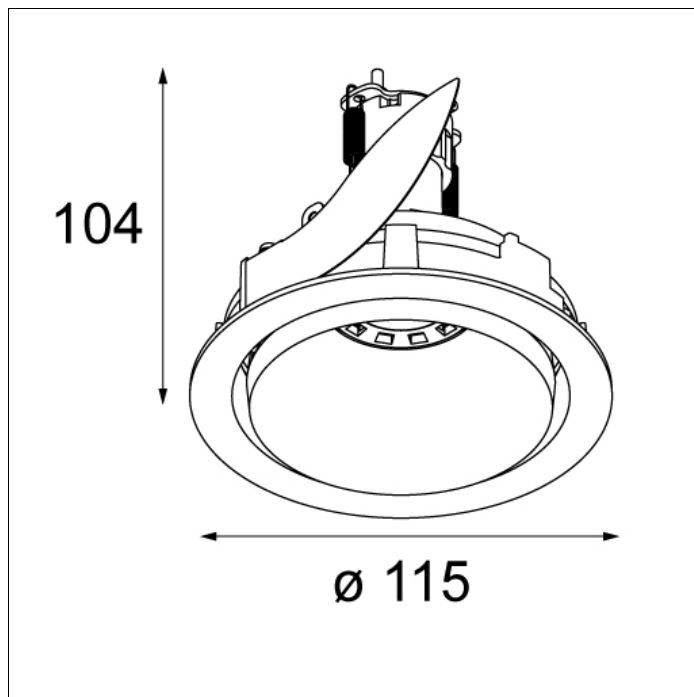
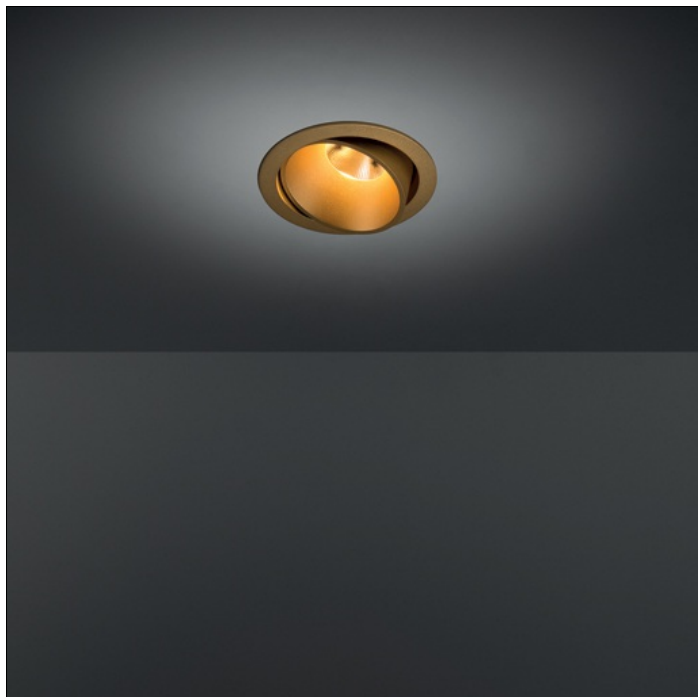
Art. Nr. 12480009

SPECIFICATIONS

Lamp	1x QR-CBC 51 Gu 5.3 max. 50W
Gear / Transfo	transfo not incl.
Cut-out size	ø 70 h 90
Weight	0.1kg
Min. Distance	0.5 m
Power supply	12V
IP	IP20
Glow Wire Test	960°
Source lifetime	2000 hrs
UGR	19
Remark	! can be combined with Smart mask ! can be combined with Smart surface box & tubed

black struc	12480032
white struc	12480009





SMART KUP 115 ADJUSTABLE GU10

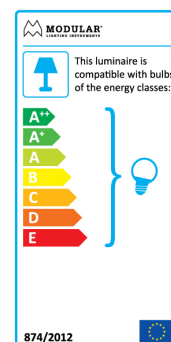
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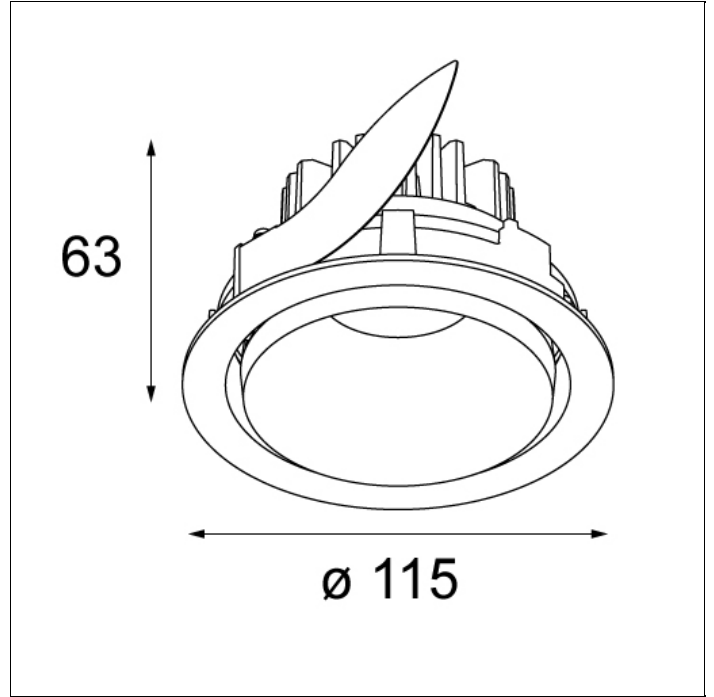
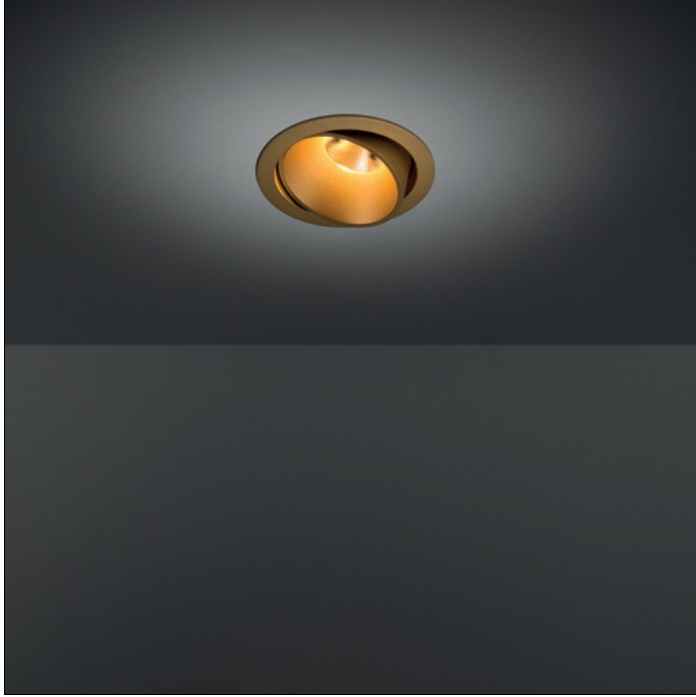
Art. Nr. 12792009

SPECIFICATIONS

Lamp	1x LED Gu10 max. 50W
Gear / Transfo	transfo/gear not required
Cut-out size	ø 108 h 130
Weight	0.41kg
Min. Distance	0.1
Power supply	230V
IP	IP20
Glow Wire Test	960°
Lumen	389 Lm
Efficacy	71 Lm/W
UGR	13
Remark	! can be combined with Smart mask ! can be combined with Smart surface box

black struc	12792032
gold	12792046
white struc	12792009





SMART KUP 115 ADJUSTABLE LED GE

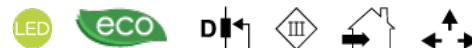
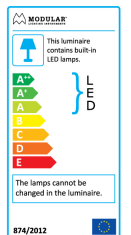
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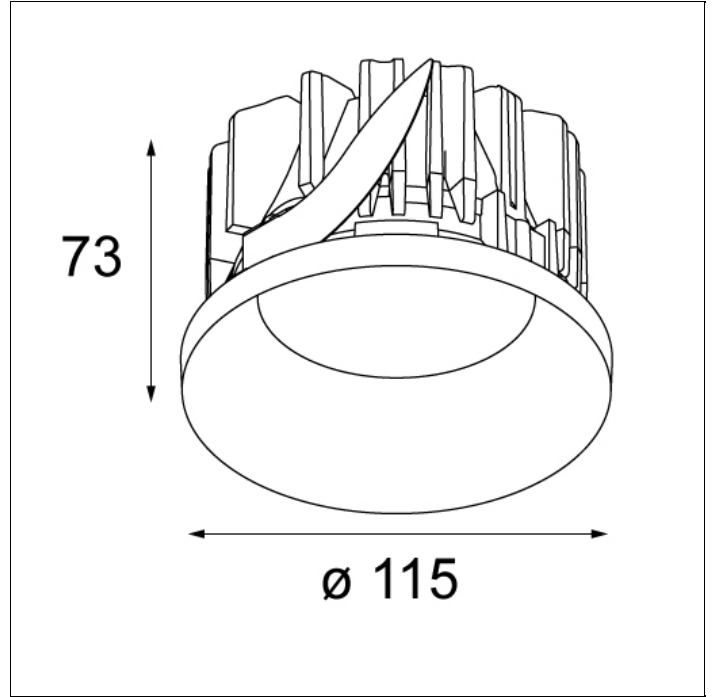
Art. Nr. 12791009

SPECIFICATIONS

Lamp	1x LED Array	
Gear / Transfo	LED gear not incl.	
Cut-out size	ø 108 h 100	
Weight	0.434kg	
Min. Distance	0.1	
IP	IP20	
Glow Wire Test	960°	
Source lifetime	50000 hrs	
CRI	90	
Power supply	500mA	350mA
	21Vf	20Vf
Connected load	10.5W	6.9W
Lumen	812lm	590lm
Efficacy	77lm/W	86lm/W
UGR	18	17
Remark	! can be combined with Smart mask	
	! can be combined with Smart surface box	

	WARM WHITE 2700K / CRI 90+		NEUTRAL WHITE 4000K / CRI 80+		WARM WHITE 3000K / CRI 90+	
	MEDIUM 25°	FLOOD 50°	MEDIUM 25°	FLOOD 50°	MEDIUM 25°	FLOOD 50°
black struc	12791032	12791332	12791132	12791832	12791532	12791632
gold	12791046	12791346	12791146	12791846	12791546	12791646
white struc	12791009	12791309	12791109	12791809	12791509	12791609





SMART KUP 115 IP54 LED GE

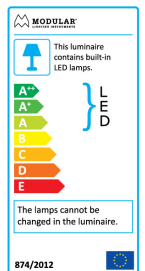
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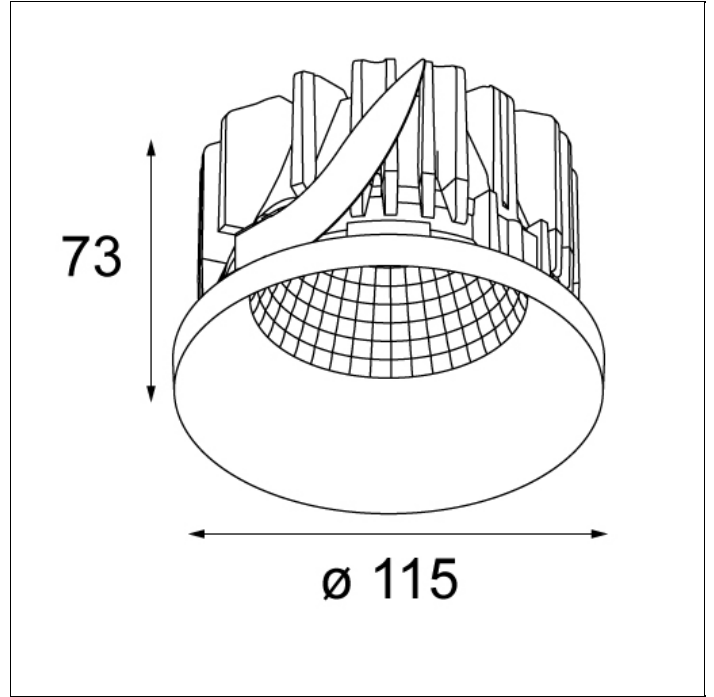
Art. Nr. 12762009

SPECIFICATIONS

Lamp	1x LED Array			
Gear / Transfo	LED gear not incl.			
Cut-out size	ø 108 h 100			
Weight	0.488kg			
Min. Distance	0.1			
IP	IP54			
Glow Wire Test	960°			
Source lifetime	50000 hrs			
CRI	90			
Power supply	350mA	500mA	700mA	900mA 1050mA
	31Vf	32Vf	34Vf	35Vf 35Vf
Connected load	11W	16.25W	23.6W	31.2W 36.75W
Lumen	1053lm	1417lm	1817lm	2111lm 2258lm
Efficacy	96lm/W	87lm/W	77lm/W	68lm/W 61lm/W
UGR	15	16	17	17 17
Remark	! can be combined with Smart mask			

	WARM WHITE 2700K / CRI 90+			NEUTRAL WHITE 4000K / CRI 90+		WARM WHITE 3000K / CRI 90+			NEUTRAL WHITE 4000K / CRI 80+
	MEDIUM 25°	SPOT 15°	FLOOD 40°	MEDIUM 25°	SPOT 15°	SPOT 15°	MEDIUM 25°	FLOOD 40°	FLOOD 40°
black struc	12762032	12762232	12762332	12762132	12762732	12762432	12762532	12762632	12762832
gold	12762046	12762246	12762346	12762146	12762746	12762446	12762546	12762646	12762846
white struc	12762009	12762209	12762309	12762109	12762709	12762409	12762509	12762609	12762809





SMART KUP 115 LED GE

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Art. Nr. 12761009

SPECIFICATIONS

Lamp	1x LED Array			
Gear / Transfo	LED gear not incl.			
Cut-out size	ø 108 h 100			
Weight	0.463kg			
Min. Distance	0.1 m			
IP	IP20			
Glow Wire Test	960°			
Source lifetime	50000 hrs			
CRI	90			
Power supply	350mA	500mA	700mA	900mA 1050mA
	31Vf	32Vf	34Vf	35Vf 35Vf
Connected load	11W	16.25W	23.6W	31.2W 36.75W
Lumen	1089lm	1466lm	1880lm	2185lm 2336lm
Efficacy	99lm/W	90lm/W	80lm/W	70lm/W 64lm/W
UGR	15	16	17	17 17
Remark	! can be combined with Smart mask			
	! can be combined with Smart surface box			

	WARM WHITE 2700K / CRI 90+			NEUTRAL WHITE 4000K / CRI 90+		WARM WHITE 3000K / CRI 90+			NEUTRAL WHITE 4000K / CRI 80+
	MEDIUM 25°	SPOT 15°	FLOOD 40°	MEDIUM 25°	SPOT 15°	SPOT 15°	MEDIUM 25°	FLOOD 40°	FLOOD 40°
black struc	12761032	12761232	12761332	12761132	12761732	12761432	12761532	12761632	12761832
gold	12761046	12761246	12761346	12761146	12761746	12761446	12761546	12761646	12761846
white struc	12761009	12761209	12761309	12761109	12761709	12761409	12761509	12761609	12761809

