

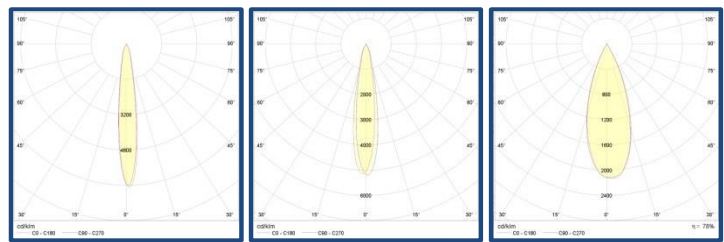
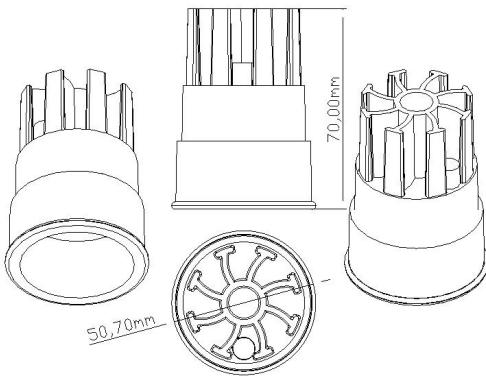
**PULSE SPOTLIGHT**  
**Family Datasheet**

*your lighting playground*



51mm diameter single optic COB LED module.  
 For use in all PULSE LED luminaires.  
 2 drive current 150mA/350mA.  
 Dimmable option with the proper drivers.  
 Ready to run with IP54 connector set & cables.

- Height - 70mm
- Overall Diameter - Ø50,70 mm
- Weight - 110g
- 2700/3000/4000K CCT as standard
- 80+ / 95+ CRI options
- 15°/24°/38°/60° options
- Max drive current is 500mA
- Dimming option\*\* - Phase, 0-10V and DALI
- For use in all MR16 size downlights



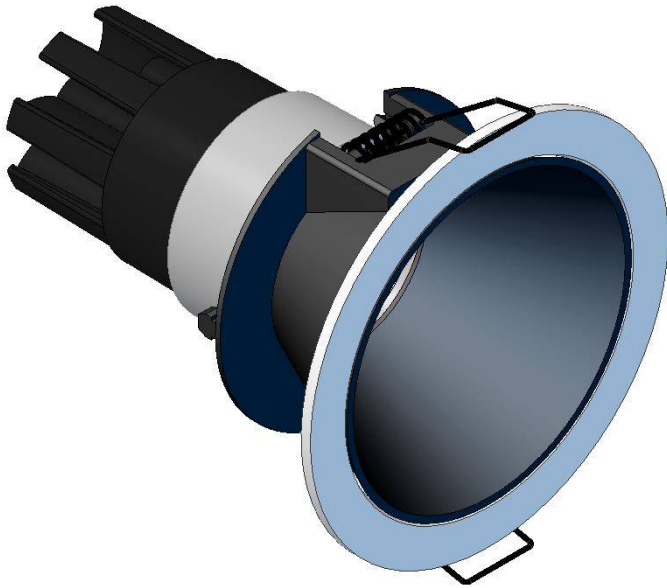
Reference Code	Product Description	CCT (K)	CRI	Beam Angle	Opt.Cur. (mA)	Power (W)*	Lum.Flux (Lm)
LO5082701	LED- ON 51 Module 6mm COB	2700	80+	15°/24°/38°/60°	350mA	7W	750Lm
LO5083001	LED- ON 51 Module 6mm COB	3000	80+	15°/24°/38°/60°	350mA	7W	800Lm
LO5084001	LED- ON 51 Module 6mm COB	4000	80+	15°/24°/38°/60°	350mA	7W	850Lm
LO5082702	LED- ON 51 Module 9mm COB	2700	80+	15°/24°/38°/60°	350mA	12W	1100Lm
LO5083002	LED- ON 51 Module 9mm COB	3000	80+	15°/24°/38°/60°	350mA	12W	1150Lm
LO5084001	LED- ON 51 Module 9mm COB	4000	80+	15°/24°/38°/60°	350mA	12W	1200Lm
LO5092701	LED- ON 51 Module 6mm XOB HCRI	2700	95+	15°/24°/38°/60°	350mA	7W	650Lm
LO5093001	LED- ON 51 Module 6mm XOB HCRI	3000	95+	15°/24°/38°/60°	350mA	7W	700Lm
LO5094001	LED- ON 51 Module 6mm XOB HCRI	4000	95+	15°/24°/38°/60°	350mA	7W	750Lm
LO5092702	LED- ON 51 Module 9mm XOB HCRI	2700	95+	15°/24°/38°/60°	350mA	12W	1000Lm
LO5093002	LED- ON 51 Module 9mm XOB HCRI	3000	95+	15°/24°/38°/60°	350mA	12W	1050Lm
LO5094002	LED- ON 51 Module 9mm XOB HCRI	4000	95+	15°/24°/38°/60°	350mA	12W	1100Lm

\*Module wattage. The figure quoted as module wattage is based on the drive current and the modules voltage. The figure quoted on the measured lumens table above allows for losses from a driver. This figure may change depending on the driver.

\*\*Dimming. Whilst ACROLITE can offer the majority of its luminaires with various dimming options, it remains the responsibility of the specifier/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

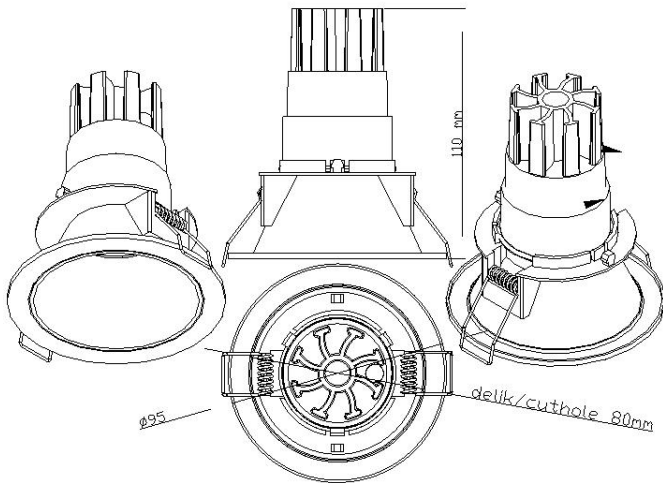
For COB LEDs. Reasonable endeavours will be taken to match the light quality, LED bin and/or colour temperature of the LED' used for any Replacements/additions, it may not always be possible to do so, due to the age of the product, changes in the LED suppliers product specification and availability. For any particular batch of LED modules, ACROLITE supply LED's from specific bins, which is less than a 4-step MacAdam ellipse. For XOB LEDs. All the datas based & guaranteed on XICATO XOB technology. Please refer to XICATO docs for any contradiction.

Modules. ACROLITE LED-ON modules are manufactured in accordance with EN 60231.



Very Low Glare Recessed Spotlight.  
 For use in all general lighting applications.  
 Complete solution with LED-On 50 Module.  
 Compatible with all MR16 retrofit lamps.  
 Click-On Module or Lamp mount design.  
 Ring & Body Color options for design requirements.  
 Reliable black spring system for all ceiling types.  
 Maintenance free service with engineering polymer.  
 Long life & Light weight in service.  
 No special tool for ceiling mount.

- Ring Size – Ø95mm
- CutHole Size - Ø80mm
- Height without Module / Lamp - 45mm
- Height with Module / Lamp - 90-120mm
- Weight - 50g • ABS non-flammable material



#### Ring Colors

- Textured Black
- Textured White
- Textured Gray

#### Body Colors

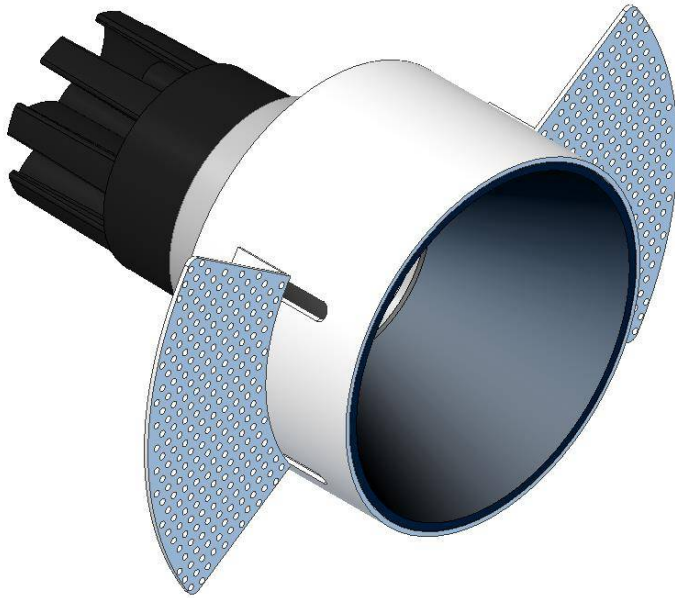
- Piano Black
- Piano White
- Textured Black
- Textured White

#### Body Plated

- Chrome Plated
- Gold Plated
- Copper Plated
- Platin Plated

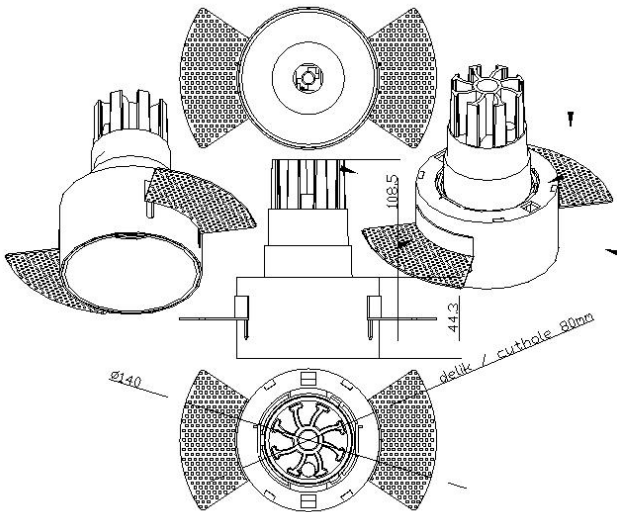


Type	Ring Color	Body Color / Plating	Light Source	Angle	CCT	CRI	Lumen	W
PULSE RR	Textured Black <input type="checkbox"/>	Piano Black <input type="checkbox"/>	NO LIGHT SOURCE! <input type="checkbox"/>	<input type="checkbox"/> 15°	<input type="checkbox"/> 2700K	<input type="checkbox"/> >80	<input type="checkbox"/> 650-850Lm	<input type="checkbox"/> 7W
	Textured White <input type="checkbox"/>	Piano White <input type="checkbox"/>	LED-On 50 Module <input type="checkbox"/>	<input type="checkbox"/> 24°	<input type="checkbox"/> 3000K	<input type="checkbox"/> >95	<input type="checkbox"/> 1000-1200Lm	<input type="checkbox"/> 12W
	Textured Gray <input type="checkbox"/>	Textured Black <input type="checkbox"/>		<input type="checkbox"/> 38°	<input type="checkbox"/> 4000K			
		Textured White <input type="checkbox"/>						
		Chrome Plated <input type="checkbox"/>						
		Gold Plated <input type="checkbox"/>						
		Copper Plated <input type="checkbox"/>						
		Platin Plated <input type="checkbox"/>						



Very Low Glare Recessed Trimless Spotlight.  
 For use in all general lighting applications.  
 Complete solution with LED-On 50 Module.  
 Compatible with all MR16 retrofit lamps.  
 Click-On Module or Lamp mount design.  
 Body Color options for design requirements.  
 Reliable fixing mechanism for all ceiling thicknesses.  
 Maintenance free service with engineering polymer.  
 Long life & Light weight in service.  
 Easy Switch-On mechanism for trimless assembly.  
 Galvanised Trimless Body parts for long life.

- Ring Size – Ø80mm • Assm. Area - Ø140mm x 80mm
- CutHole Size - Ø80mm
- Height without Module / Lamp - 45mm
- Height with Module / Lamp – 90 - 120mm
- Weight – 225gr • ABS non-flammable material



**Trimless Body Color**

- Textured White

**Body Colors**

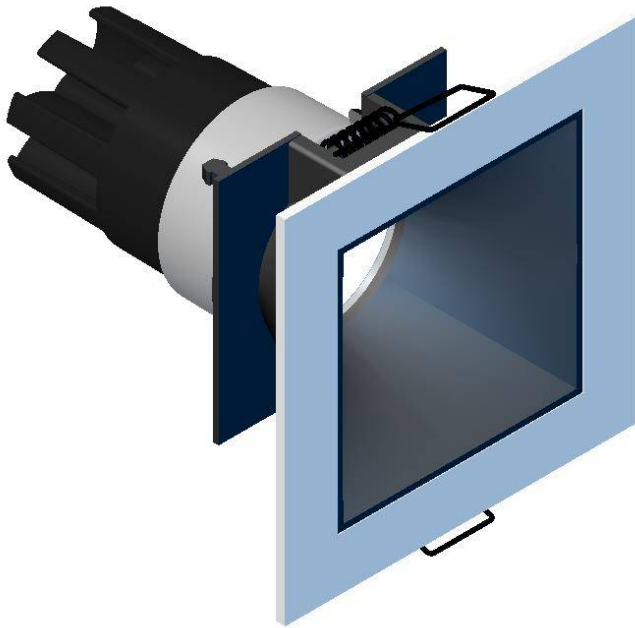
- Piano Black
- Piano White
- Textured Black
- Textured White

**Body Plated**

- Silver Plated
- Gold Plated
- Copper Plated
- Platin Plated

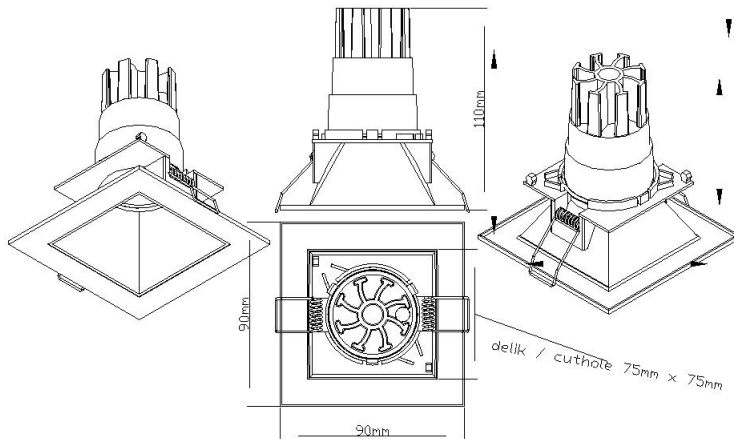


Type	Trimless Body Color	Body Color / Plating	Light Source	Angle	CCT	CRI	Lumen	W
PULSE RT	Textured White <input type="checkbox"/>	Piano Black <input type="checkbox"/>	NO LIGHT SOURCE! <input type="checkbox"/>	<input type="checkbox"/> 15°	<input type="checkbox"/> 2700K	<input type="checkbox"/> >80	<input type="checkbox"/> 650-850Lm	<input type="checkbox"/> 7W
		Piano White <input type="checkbox"/>	LED-On 50 Module <input type="checkbox"/>	<input type="checkbox"/> 24°	<input type="checkbox"/> 3000K	<input type="checkbox"/> >95	<input type="checkbox"/> 1000-1200Lm	<input type="checkbox"/> 12W
		Textured Black <input type="checkbox"/>		<input type="checkbox"/> 38°	<input type="checkbox"/> 4000K			
		Textured White <input type="checkbox"/>						
		Chrome Plated <input type="checkbox"/>						
		Gold Plated <input type="checkbox"/>						
		Copper Plated <input type="checkbox"/>						
		Platin Plated <input type="checkbox"/>						



Very Low Glare Recessed Spotlight.  
 For use in all general lighting applications.  
 Complete solution with LED-On 50 Module.  
 Compatible with all MR16 retrofit lamps.  
 Click-On Module or Lamp mount design.  
 Ring & Body Color options for design requirements.  
 Reliable black spring system for all ceiling types.  
 Maintenance free service with engineering polymer.  
 Long life & Light weight in service.  
 No special tool for ceiling mount.

- Ring Size – 90mm x 90mm
- CutHole Size - 75mm x 75mm
- Height without Module / Lamp - 45mm
- Height with Module / Lamp - 90-120mm
- Weight - 50g • ABS non-flammable material



### Ring Colors

- Textured Black
- Textured White
- Textured Gray

### Body Colors

- Piano Black
- Piano White
- Textured Black
- Textured White

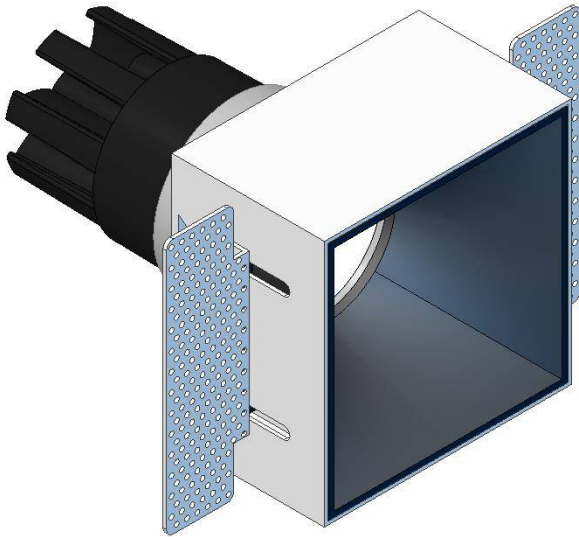
### Body Plated

- Silver Plated
- Gold Plated
- Copper Plated
- Platin Plated



Type	Ring Color	Body Color / Plating	Light Source	Angle	CCT	CRI	Lumen	W
PULSE SR	Textured Black <input type="checkbox"/>	Piano Black <input type="checkbox"/>	NO LIGHT SOURCE! <input type="checkbox"/>	<input type="checkbox"/> 15°	<input type="checkbox"/> 2700K	<input type="checkbox"/> >80	<input type="checkbox"/> 650-850Lm	<input type="checkbox"/> 7W
	Textured White <input type="checkbox"/>	Piano White <input type="checkbox"/>	LED-On 50 Module <input type="checkbox"/>	<input type="checkbox"/> 24°	<input type="checkbox"/> 3000K	<input type="checkbox"/> >95	<input type="checkbox"/> 1000-1200Lm	<input type="checkbox"/> 12W
	Textured Gray <input type="checkbox"/>	Textured Black <input type="checkbox"/>		<input type="checkbox"/> 38°	<input type="checkbox"/> 4000K			
		Textured White <input type="checkbox"/>						
		Chrome Plated <input type="checkbox"/>						
		Gold Plated <input type="checkbox"/>						
		Copper Plated <input type="checkbox"/>						
		Platin Plated <input type="checkbox"/>						





Very Low Glare Recessed Trimless Spotlight.  
 For use in all general lighting applications.  
 Complete solution with LED-On 50 Module.  
 Compatible with all MR16 retrofit lamps.  
 Click-On Module or Lamp mount design.  
 Body Color options for design requirements.  
 Reliable fixing mechanism for all ceiling thicknesses.  
 Maintenance free service with engineering polymer.  
 Long life & Light weight in service.  
 Easy Switch-On mechanism for trimless assembly.  
 Galvanised Trimless Body parts for long life.

- Ring Size – 72mm x 72mm • Assm.Ar.- 120mm x 75mm
- CutHole Size – 75mm x 75mm
- Height without Module / Lamp - 45mm
- Height with Module / Lamp – 90 - 120mm
- Weight – 225gr • ABS non-flammable material

#### Ring Colors

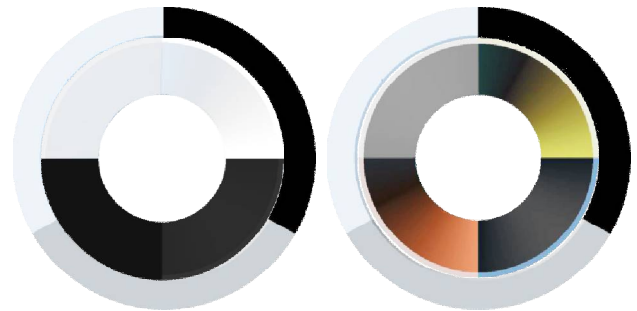
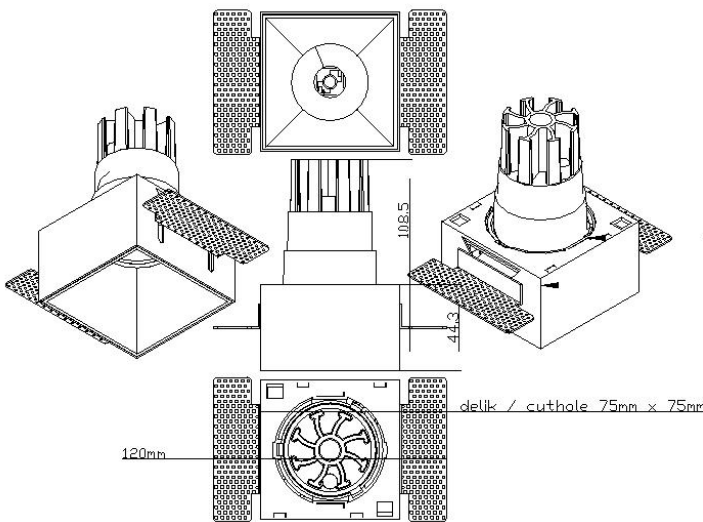
- Textured Black
- Textured White
- Textured Gray

#### Body Colors

- Piano Black
- Piano White
- Textured Black
- Textured White

#### Body Plated

- Silver Plated
- Gold Plated
- Copper Plated
- Platin Plated

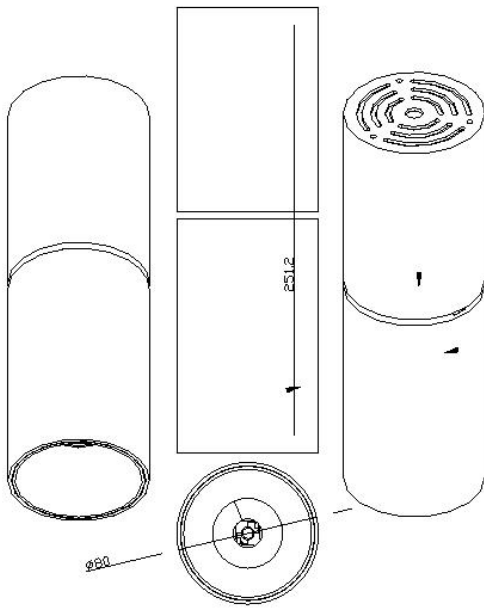


Type	Ring Color	Body Color / Plating	Light Source	Angle	CCT	CRI	Lumen	W
PULSE ST	Textured White <input type="checkbox"/>	Piano Black <input type="checkbox"/>	NO LIGHT SOURCE! <input type="checkbox"/>	<input type="checkbox"/> 15°	<input type="checkbox"/> 2700K	<input type="checkbox"/> >80	<input type="checkbox"/> 650-850Lm	<input type="checkbox"/> 7W
		Piano White <input type="checkbox"/>	LED-On 50 Module <input type="checkbox"/>	<input type="checkbox"/> 24°	<input type="checkbox"/> 3000K	<input type="checkbox"/> >95	<input type="checkbox"/> 1000-1200Lm	<input type="checkbox"/> 12W
		Textured Black <input type="checkbox"/>		<input type="checkbox"/> 38°	<input type="checkbox"/> 4000K			
		Textured White <input type="checkbox"/>						
		Chrome Plated <input type="checkbox"/>						
		Gold Plated <input type="checkbox"/>						
		Copper Plated <input type="checkbox"/>						
		Platin Plated <input type="checkbox"/>						



Very Low Glare Surface & Pendant Spotlight.  
 For use in all general lighting applications.  
 Complete solution with LED-On 50 Module.  
 Compatible with all MR16 retrofit lamps.  
 Click-On Module or Lamp mount design.  
 Outer & Body Color options for design requirements.  
 Maintenance free service with engineering polymer.  
 Long life & Light weight in service.  
 Easy Switch-On mechanism for body assembly.  
 Aluminium Outer Body parts for long life.  
 Direct Ceiling Mount for Surface Mount  
 Steel Wire / Cable Hanging for Pendant Mount

- Outer Diameter - Ø80mm
- Height - 251,2mm • Pendant Cable – Std. 200cm
- Weight – 355gr • ABS non-flammable material



### Ring Colors

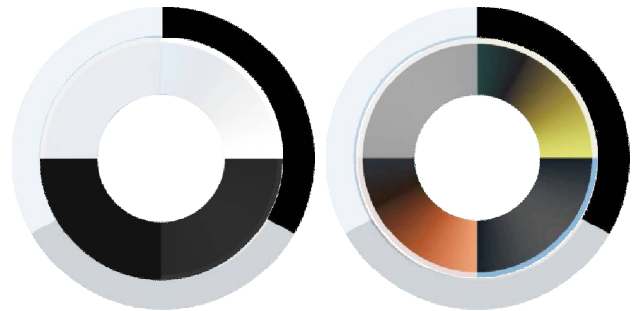
- Textured Black
- Textured White
- Textured Gray

### Body Colors

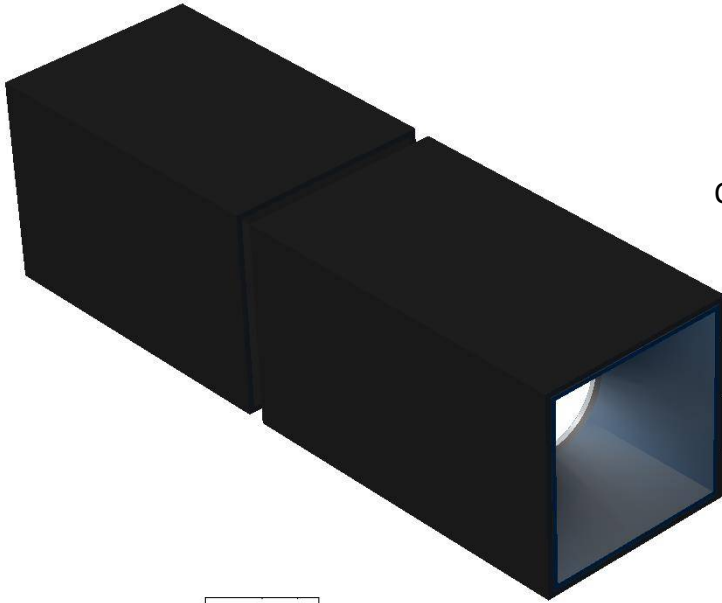
- Piano Black
- Piano White
- Textured Black
- Textured White

### Body Plated

- Silver Plated
- Gold Plated
- Copper Plated
- Platin Plated

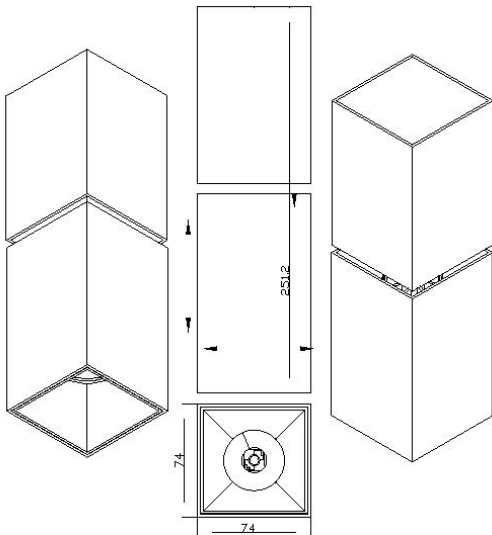


Type	Outer Body Color	Body Color / Plating	Light Source	Angle	CCT	CRI	Lumen	W
PULSE RS	Textured Black <input type="checkbox"/>	Piano Black <input type="checkbox"/>	NO LIGHT SOURCE! <input type="checkbox"/>	<input type="checkbox"/> 15°	<input type="checkbox"/> 2700K	<input type="checkbox"/> >80	<input type="checkbox"/> 650-850Lm	<input type="checkbox"/> 7W
	Textured White <input type="checkbox"/>	Piano White <input type="checkbox"/>	LED-On 50 Module <input type="checkbox"/>	<input type="checkbox"/> 24°	<input type="checkbox"/> 3000K	<input type="checkbox"/> >95	<input type="checkbox"/> 1000-1200Lm	<input type="checkbox"/> 12W
	Textured Gray <input type="checkbox"/>	Textured Black <input type="checkbox"/>		<input type="checkbox"/> 38°	<input type="checkbox"/> 4000K			
		Textured White <input type="checkbox"/>						
		Chrome Plated <input type="checkbox"/>						
		Gold Plated <input type="checkbox"/>						
		Copper Plated <input type="checkbox"/>						
		Platin Plated <input type="checkbox"/>						



Very Low Glare Surface & Pendant Spotlight.  
 For use in all general lighting applications.  
 Complete solution with LED-On 50 Module.  
 Compatible with all MR16 retrofit lamps.  
 Click-On Module or Lamp mount design.  
 Outer & Body Color options for design requirements.  
 Maintenance free service with engineering polymer.  
 Long life & Light weight in service.  
 Easy Switch-On mechanism for body assembly.  
 Aluminium Outer Body parts for long life.  
 Direct Ceiling Mount for Surface Mount  
 Steel Wire / Cable Hanging for Pendant Mount

- Outer Diameter - Ø80mm
- Height - 251,2mm • Pendant Cable – Std. 200cm
- Weight – 355gr • ABS non-flammable material



### Outer Body Colors

- Textured Black
- Textured White
- Textured Gray

### Body Colors

- Piano Black
- Piano White
- Textured Black
- Textured White

### Body Plated

- Silver Plated
- Gold Plated
- Copper Plated
- Platin Plated



Type	Outer Body Color	Body Color / Plating	Light Source	Angle	CCT	CRI	Lumen	W
PULSE SS	Textured Black <input type="checkbox"/>	Piano Black <input type="checkbox"/>	NO LIGHT SOURCE! <input type="checkbox"/>	<input type="checkbox"/> 15°	<input type="checkbox"/> 2700K	<input type="checkbox"/> >80	<input type="checkbox"/> 650-850Lm	<input type="checkbox"/> 7W
	Textured White <input type="checkbox"/>	Piano White <input type="checkbox"/>	LED-On 50 Module <input type="checkbox"/>	<input type="checkbox"/> 24°	<input type="checkbox"/> 3000K	<input type="checkbox"/> >95	<input type="checkbox"/> 1000-1200Lm	<input type="checkbox"/> 12W
	Textured Gray <input type="checkbox"/>	Textured Black <input type="checkbox"/>		<input type="checkbox"/> 38°	<input type="checkbox"/> 4000K			
		Textured White <input type="checkbox"/>						
		Chrome Plated <input type="checkbox"/>						
		Gold Plated <input type="checkbox"/>						
		Copper Plated <input type="checkbox"/>						
		Platin Plated <input type="checkbox"/>						

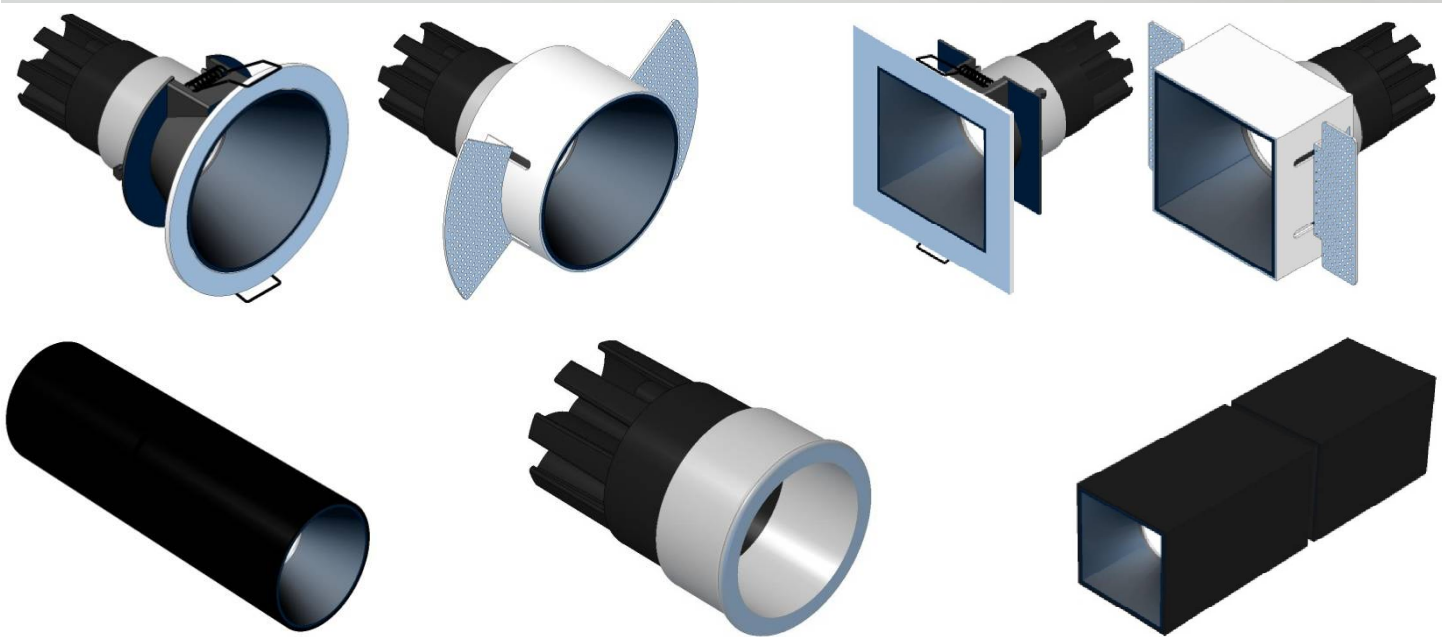


**ACROLITE**

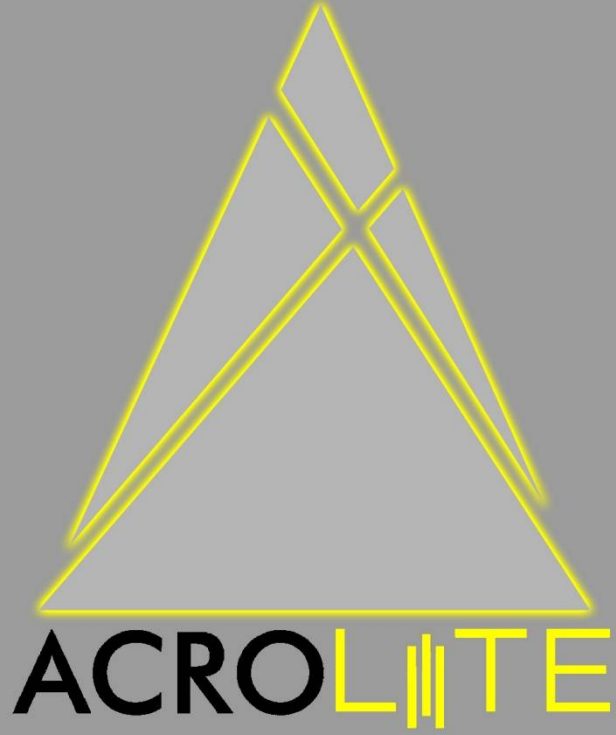
[www.acrolite.com.tr](http://www.acrolite.com.tr) / [www.acrogrup.com](http://www.acrogrup.com)

# PULSE SPOTLIGHT

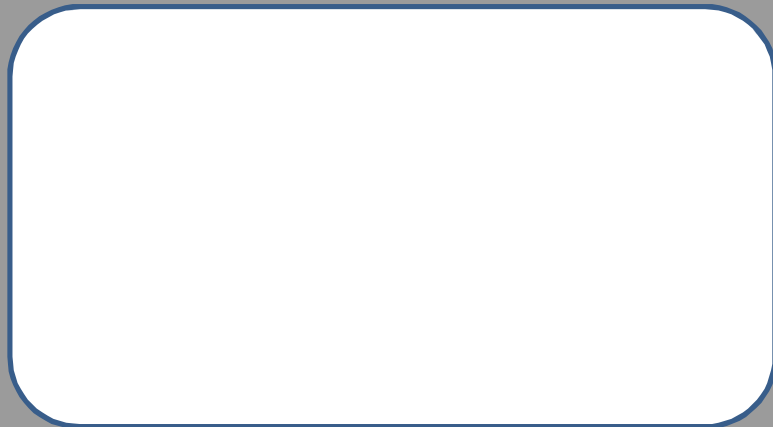
Universal Spotlight Solution for MR16 size



*your lighting playground*



[www.acrolite.com.tr](http://www.acrolite.com.tr) / [www.acrogrup.com](http://www.acrogrup.com)



*your lighting playground*