

# SPY 52 ST & TRIMLESS



SPY 52 is the most extensive member within the Spy family: different installation methods, multiple light refining accessories to be added, mid- and high-power LEDs and the possibility to opt for Soft Dim or Tunable White. Combined with the Ex-centric Rotation System to swivel around, Spy presents itself like a curious object peering from the ceiling, able to spy up to 350° around the room.

Specification	Spy 52 ST	Spy 52 TL
LED Aperture:	1 5/16"	
Ceiling Cut-out:	3 7/8"	4 1/8"
Ceiling Thickness:	Max. 1"	
Adjustability:	Adjustable 0-45° / 355°	
Rating:	IP20	

Performance	Static CCT	Soft Dim	TW
LED Maintenance:	L90>50,000h	L90>56,000h	
McAdam Step:	1	2	
CRI:	90		
*LP:	7W		
*SP:	10W	9W	12W
*HP:	14W		

Delivered Lumens:	3000K		3000-1800K		2700-6500K	
**See page 3 for full details:	NS	WS	NS	WS	NS	WS
Spy 52 SP:	680Lm	695Lm	650Lm	664Lm	681Lm	695Lm
Spy 52 HP:	919Lm	939Lm				

**Listing**  
ETL certified to US and Canadian safety standards.

**Warranty**  
5-year limited warranty.

## Ordering

SEE NEXT PAGE FOR CCT TUNABLE WHITE (TW)

Example: SPY52-SP30WSA-B-GC-TLIAT\_RMTD8-120

Luminaire	Size	Power*	CCT	Optic	Function	Finish	Inner Finish	Installation	Applications	Controls***
SPY SPY	52 52mm / 2 1/8" diameter	LP <sup>(1)</sup> Low Power	27 2700K	NS Narrow Spot 20°	A Adjustable	B Black	B Black	ST <sup>(2)</sup> Recessed with small trim in white	IAT <sup>(3)</sup> New Construction IC Airtight  INAT <sup>(3)</sup> New Construction Non-Airtight  NPF New Construction Non-IC Plasterframe  REM Remodel Non-IC	D1-120 0-10V dim 120V  D1-277 0-10V dim 277V  D1-347 FG 0-10V dim  D8-120 FE ELV dim 120V
		SP <sup>(1)</sup> Standard Power	30 3000K			FBR Flemish Bronze	FBR Flemish Bronze			
		HP High Power	35 3500K	FG Flemish Gold		FG Flemish Gold				
		SP Standard Power	SD 3000-1800K	GC Gold Colored		GC Gold Colored				
				WS Medium Wide Spot 45°		W White	W White	TL Recessed with mud-in trimless kit	IAT_RMT New Construction-IC Airtight + Remote Power Supply  NAT_RMT <sup>(3)</sup> New Construction Non-Airtight + Remote Power Supply  IPF_RMT <sup>(3)</sup> New Construction-IC PLASTERFRAME + Remote Power Supply  RMT <sup>(3)</sup> Remote Power Supply	

<sup>1</sup> Only available with Installation TL.

<sup>2</sup> Only available with Finish W.

<sup>3</sup> Provided with UNV 120-277V driver when using Controls D1.

\*\*\*Contact factory for Dali, DMX, or other dimming options.

**Ordering**

ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: SPY52-SPTWMDA-W-B-STIPF\_RMTD1-277

Luminaire	Size	Power*	CCT	Optic	Function	Finish	Inner Finish	Installation	Applications	Controls***
SPY SPY	52 52mm / 2 1/16" diameter	SP Standard Power	TW 2700-6500K	NS Narrow Spot 20°  MD Medium Spot 30°  WS Medium Wide Spot 45°	A Adjustable	B Black  W White	B Black  FBR Flemish Bronze  FG Flemish Gold  GC Gold Colored  W White	ST <sup>(1)</sup> Recessed with small trim in white  TL Recessed with mud-in trimless kit	IAT_RMT New Construction-IC Airtight + Remote Power Supply  NAT_RMT <sup>(2)</sup> New Construction Non-Airtight + Remote Power Supply  IPF_RMT <sup>(2)</sup> New Construction-IC PLASTERFRAME + Remote Power Supply  RMT <sup>(2)</sup> Remote Power Supply	D1-120 0-10V dim 120V  D1-277 0-10V dim 277V  D1-347 FG 0-10V dim

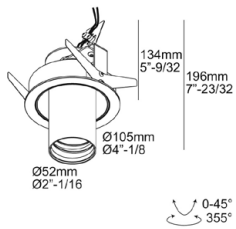
<sup>1</sup> Only available with Finish W.  
<sup>2</sup> Provided with UNV 120-277V driver when using Controls D1.  
 \*\*\*Contact factory for Dali, DMX, or other dimming options.

**Related Products**

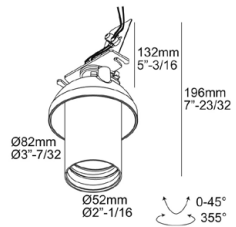
Spy 27, Spy 39, Spy 52 (surface), Spy 66, Spy 90, Spy Focus, Spy C (pendant), Superloop-Spy MDL

**Finish Options**

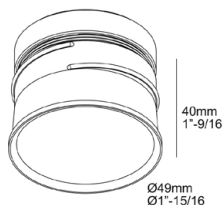
**SPY 52 ST**



**SPY 52 TL**

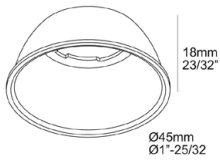


**INNER FINISH**

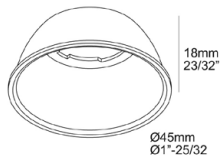




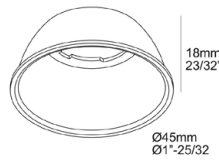
Accessories



SPY 52 REFLECTOR 20°  
19810 0180



SPY 52 REFLECTOR 30°  
19810 0190

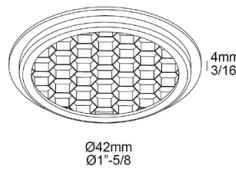


SPY 52 REFLECTOR 45°  
19810 0190



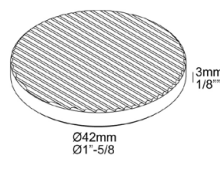
HONEYCOMB 42 SINGLE USE  
19810 0010 B

Used solo with no other accessories

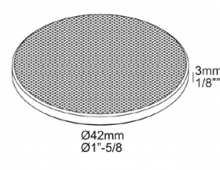


HONEYCOMB 42 DOUBLE USE  
19810 0060 B

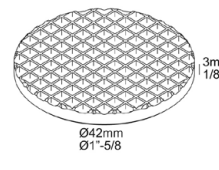
Used in combination with any other accessory; includes frame to hold this smaller honeycomb



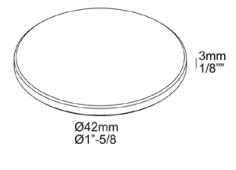
LINEAR SPREAD LENS 42  
19810 0020



SOFTENING LENS 42  
19810 0040



SPREAD LENS 42  
19810 0030



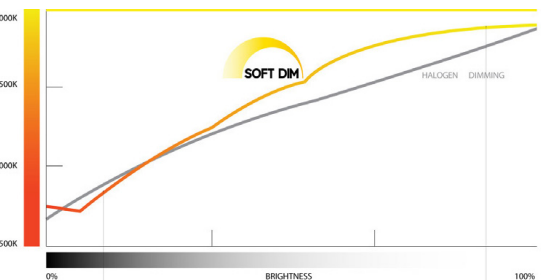
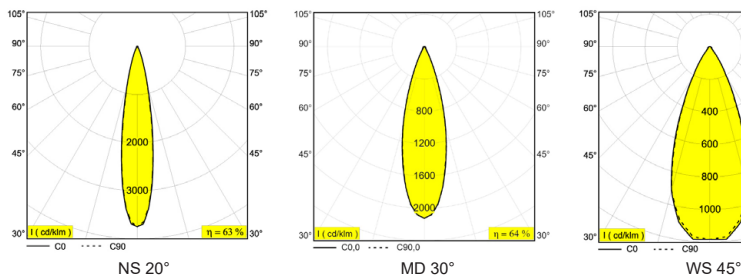
GLASS SBL 42  
19810 0050

Photometric Data

Delivered Lumens:	2700K			3000K			3500K			3000-1800K			2700-6500K		
	NS	MD	WS	NS	MD	WS	NS	MD	WS	NS	MD	WS	NS	MD	WS
SPY 52 LP:	475Lm	480Lm	485Lm	496Lm	502Lm	507Lm	514Lm	520Lm	525Lm						
SPY 52 SP:	650Lm	664Lm	665Lm	680Lm	695Lm	695Lm	704Lm	720Lm	719Lm	650Lm	662Lm	664Lm	681Lm	694Lm	695Lm
SPY 52 HP:	879Lm	895Lm	898Lm	919Lm	936Lm	939Lm	952Lm	970Lm	972Lm						

SPY 52

SPY 52 SOFT DIM



Soft Dim technology replicates the dimming behavior of a conventional lamp where the color temperature increases in warmth as it is dimmed. This is achieved through the use of specially selected LEDs of different color temperatures and power types from premium chip manufacturers. Consistency is ensured without complexity with the use of specific and precise LED selection. The LED's selected have color tolerances that are higher than 2 SDCM ensuring module-to-module accuracy

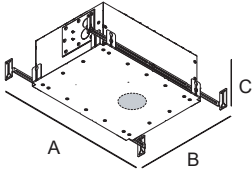


**Installation Options**

**IC AIRTIGHT**

**S-SMALL:**  
**A:**12"-5/8 x **B:**11"-1/16 x **C:**4"-13/16  
**A:**323mm x **B:**281mm x **C:**127mm

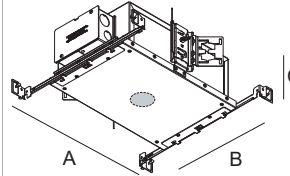
- Low Profile under 5" Height
- New Construction Airtight
- For use in insulated ceiling
- Chicago Plenum
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated
- Patented System for easy driver servicing from room side



**IC NON-AIRTIGHT**

**S-SMALL:**  
**A:**15"-7/16 x **B:**8"-11/16 x **C:**5"  
**A:**393mm x **B:**220mm x **C:**127mm

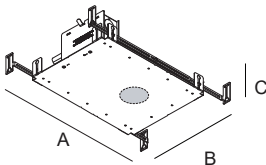
- Low Profile 5" Height
- New Construction Non-Airtight
- For use in insulated ceiling
- ETL Listed
- Hangerbar expand to 26"- reduce to 14"-3/16
- Damp rated



**NON-IC PLASTERFRAME** (With Installation ST)

**S-SMALL:**  
**A:**12"-23/32 x **B:**11"-1/16 x **C:**5"  
**A:**323mm x **B:**281mm x **C:**127mm

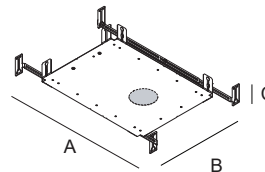
- Low Profile 5" Height
- New Construction
- For use in non-insulated ceiling
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated
- Voltage dedicated (120V or 277V)



**IC PLASTERFRAME** (With Installation TL - Remote Driver only)

**S-SMALL:**  
**A:**12"-23/32 x **B:**11"-1/16 x **C:**51"-5/8  
**A:**323mm x **B:**281mm x **C:**40mm

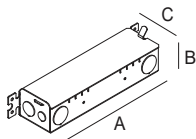
- Low Profile 1"-5/8 Height
- New Construction
- ETL Listed
- Hangerbar expand to 24"-23/32 or 15"-3/32 - reduce to 12"-23/32 or 9"-1/32
- Damp rated



**REMOTE DRIVER** (With Control D8)

**A:** 8" x **B:** 2"-1/2 x **C:** 2"-1/2  
**A:** 203mm x **B:** 64mm x **C:** 64mm

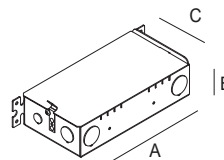
- For Remote application
- ETL Listed
- Damp rated



**REMOTE DRIVER** (With Control D1)

**A:** 8" x **B:** 2"-3/16 x **C:** 4"-1/4  
**A:** 203mm x **B:** 72mm x **C:** 108mm

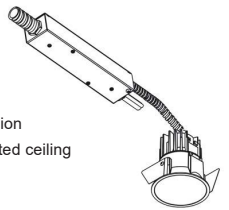
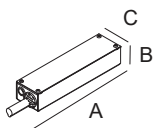
- For Remote application
- ETL Listed
- Damp rated



**REMODEL NON-IC** (Installation ST only)

**A:**10" x **B:**1"-3/8 x **C:**2"  
**A:**254mm x **B:**35mm x **C:**50mm

- For Remodel application
- For use in non-insulated ceiling
- ETL Listed
- Damp rated
- Voltage Dedicated (120V or 277V)



(luminaire for illustrative purposes only)



## Driver Options

### D1

- Dimming Control 0-10V
- Dimming Range 1-100%
- Dim to off yes at 0.8V, 1V, 1.2V, or N/A
- Power Factor @ Full Load >0.9 under 120Vac Input with 80~100% load condition (for all output currents)
- Efficiency @ Full Load ≥86
- THD @ Full Load <20% under 120Vac input with 80~100% load condition (for all output currents)

#### Dimmer Compatibility

- Leviton IP710-LFZ / IP710-DLX
- Lutron DTV/DVSTV/DVSCTV/DVSCSTV

### D8

- Dimming Control Phase Control
- Dimming Range 10-100%
- Dim to off no
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥80
- THD @ Full Load <5%

#### Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

As technology changes, please use information above as guidance. For most recent updated information please contact factory. Specifications subject to change without notice.