SPY 52 ST & TRIMLESS





Specification	Small Trim	Trimless
LED Aperture:	1 5⁄16"	
Ceiling Cut-out:	3⅞"	4⅛"
Ceiling Thickness:	Max. 1"	
Adjustability:	Adjustable 0-45° / 355°	
Rating:	Damp	

Performance	Static CCT	Soft Dim	Tunable White
CRI / TM-30 (3000K):	90 / Rf: 90 / Rg: 99	90	90 / Rf: 89 / Rg: 100
SDCM:	1	2	
LED Maintenance:	L90B10>50,000h	L90B10>50,000h	
*Low Power (LP):	7.4W		
[1]Remote Power Supply Capacity (# luminaires) LP:	D1-UNV min1-max3 D8A-120 min1-max1		
*Medium Power (MP):	10.2W	11.7W	10.4W
[1]Remote Power Supply Capacity (# luminaires) MP:	D1-UNV min1-max2 D8A-120 min1-max1 / D8B-120 min2-max2		
*High Power (HP):	14.3W		
[1]Remote Power Supply Capacity (# luminaires) HP:	D1-UNV min1-max2 D8A-120 min2-max2		

Delivered Lumens:	3000K		3000-1800K		2700-6500K	
**See page 4 for full details:	NS	WS	NS	WS	NS	WS
Spy 52 MP:	682	697	650	664	681	695
Spy 52 HP:	919	939				

Listing
ETL certified to US and Canadian safety standards.

Warranty
5-year limited warranty.

Ordering

SEE NEXT PAGE FOR CCT SOFT DIM (SD) & TUNABLE WHITE (TW)

Example: SPY52-A30WSHP-W-FBR-TLIAT_RMTD8B-120

Luminaire	Size	Function	CCT	Optic**	Power*	Finish	Inner Finish	Installation	Applications	Controls***
SPY SPY	**52** 52mm / 2 1⁄16" diameter	**A** Adjustable	**27** 2700K **30** 3000K **35** 3500K	**NS** Narrow Spot 20° **MD** Medium Spot 30° **WS** Medium Wide Spot 45°	**LP** Low Power **MP** Medium Power	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored **W** White	**TL** Recessed with mud-in trimless kit, cave in black	**IAT_RMT**[1] New Construction IC Airtight + Remote Power Supply **IPF_RMT**[1] New Construction IC Plasterframe + Remote Power Supply	**D1-UNV** 0-10V dim 120-277V **D1-347** 0-10V dim 347V **D8A-120** FE ELV dim 120V **D8B-120** FE ELV dim 120V
					HP High Power	**W** White	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored **W** White	**ST** Recessed with small trim in white, cave in black	**IAT** New Construction-IC Airtight	**D1-UNV** 0-10V dim 120-277V **D1-347** 0-10V dim 347V **D8-120** FE ELV dim 120V
									NPF New Construction Non-IC Plasterframe **REM** Remodel Non-IC	**D1-120** 0-10V dim 120V **D1-277** 0-10V dim 277V **D1-347** 0-10V dim 347V **D8-120** FE ELV dim 120V

1 Remote power supply capacity noted in table above.
***Contact factory for Dali, DMX, or other dimming options.

Ordering

ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: SPY52-ATWNSMP-B-FG-TLIATD5-UNV

Luminaire	Size	Function	CCT	Optic**	Power*	Finish	Inner Finish	Installation	Applications	Controls***
SPY SPY	**52** 52mm / 2 1/16" diameter	**A** Adjustable	**SD** Soft Dim 3000-1800K	**NS** Narrow Spot 20° **MD** Medium Spot 30° **WS** Medium Wide Spot 45°	**MP** Medium Power	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored **W** White	**TL** Recessed with mud-in trimless kit, cave in black	**IAT_RMT**[1] New Construction IC Airtight + Remote Power Supply **IPF_RMT**[1] New Construction IC Plasterframe + Remote Power Supply **RMT**[1] Remote Power Supply	**D1-UNV** 0-10V dim 120-277V **D1-347** 0-10V dim 347V **D8A-120** FE ELV dim 120V **D8B-120** FE ELV dim 120V
						W White	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored **W** White	**ST** Recessed with small trim in white, cave in black	**IAT** New Construction-IC Airtight	**D1-UNV** 0-10V dim 120-277V **D1-347** 0-10V dim 347V **D8-120** FE ELV dim 120V
									NPF New Construction Non-IC Plasterframe **REM** Remodel Non-IC	**D1-120** 0-10V dim 120V **D1-277** 0-10V dim 277V **D1-347** 0-10V dim 347V **D8-120** FE ELV dim 120V
			TW Tunable White 2700-6500K	**NS** Narrow Spot 20° **MD** Medium Spot 30° **WS** Medium Wide Spot 45°	**MP** Medium Power	**B** Black	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored **W** White	**TL** Recessed with mud-in trimless kit, cave in black	**IAT** New Construction IC Airtight **NPF** New Construction Non-IC Plasterframe + Remote Power Supply	**D5-UNV** Dali dim 120-277V
						W White	**B** Black **FBR** Flemish Bronze **FG** Flemish Gold **GC** Gold Colored **W** White	**ST** Recessed with small trim in white, cave in black		

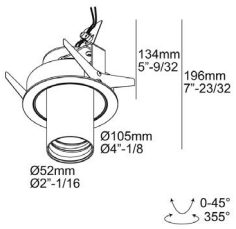
1 Remote power supply capacity noted in table on page 1.
***Contact factory for Dali, DMX, or other dimming options.

Related Products

Spy 27, Spy 39, Spy 52 (surface), Spy 66, Spy 90, Spy Focus, Spy C (pendant), Superloop-Spy MDL (mounts to suspended ring, rectangle, or square low voltage system), M-Spy (mounts to recessed, surface, or suspended low voltage system)

Finish Options

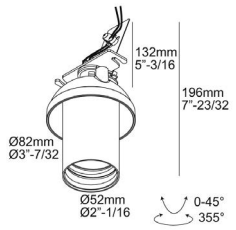
SPY 52 SMALL TRIM





WHITE

SPY 52 TRIMLESS





WHITE



BLACK



FLEMISH BRONZE

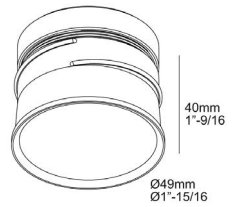


FLEMISH GOLD



GOLD COLORED

INNER FINISH





WHITE



BLACK



FLEMISH BRONZE

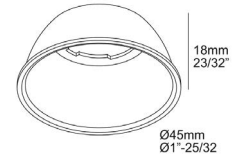


FLEMISH GOLD

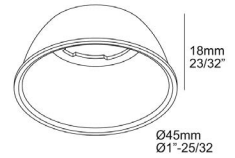


GOLD COLORED

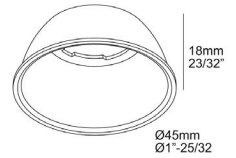
Accessories



SPY 52 REFLECTOR 20°
19810 0180



SPY 52 REFLECTOR 30°
19810 0190

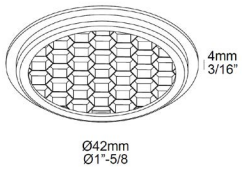


SPY 52 REFLECTOR 45°
19810 0190



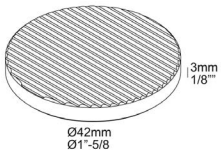
HONEYCOMB 42 ***SINGLE USE***
19810 0010 B

Used solo with no other accessories

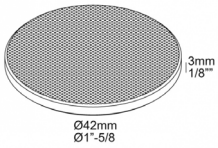


HONEYCOMB 42 ***DOUBLE USE***
19810 0060 B

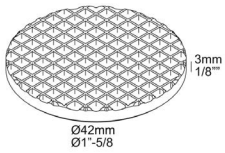
Used in combination with any other accessory; includes frame to hold this smaller honeycomb



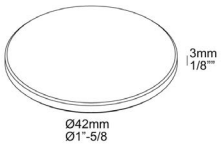
LINEAR SPREAD LENS 42
19810 0020



SOFTENING LENS 42
19810 0040



SPREAD LENS 42
19810 0030



GLASS SBL 42
19810 0050



HONEYCOMB
LIGHT EFFECT



LINEAR SPREAD LENS
LIGHT EFFECT



SOFTENING LENS
LIGHT EFFECT



SPREAD LENS
LIGHT EFFECT



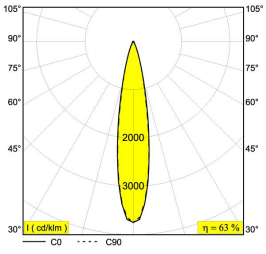
SBL
LIGHT EFFECT

DELTALIGHT

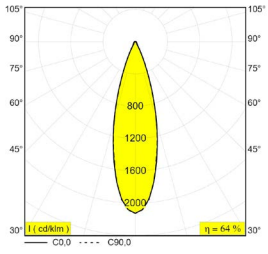
Photometric Data

Delivered Lumens	2700K			3000K			3500K			3000-1800K			2700-6500K		
**Optic:	NS	MD	WS	NS	MD	WS	NS	MD	WS	NS	MD	WS	NS	MD	WS
Spy 52 Low Power:	472	480	482	493	502	504	511	520	522						
Spy 52 Medium Power:	652	664	666	682	695	697	703	720	722	650	662	664	681	694	695
Spy 52 High Power:	879	895	898	919	936	939	952	970	972						

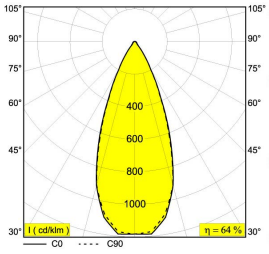
SPY 52



NS 20°

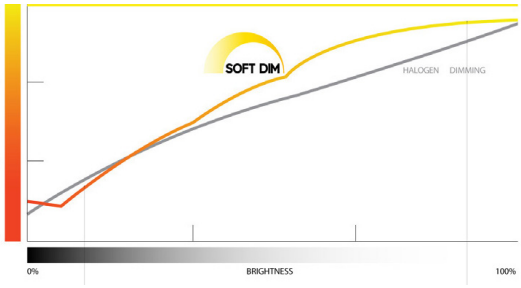


MD 30°



WS 45°

SPY 52 SOFT DIM

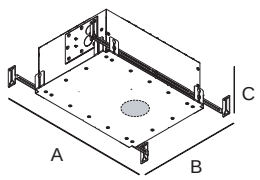


Soft Dim technology replicates the dimming behavior of a conventional lamp where the color temperature increases in warmth as it is dimmed. This is achieved through the use of specialty selected LEDs of different color temperatures and power types from premium chip manufacturers. Consistency is ensured 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

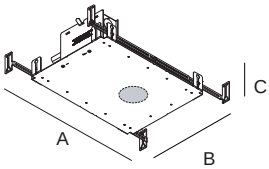
S-SMALL:
A:12”-5/8 **x B:**11”-1/16 **x C:**4”-13/16
A:323mm **x B:**281mm **x C:**122mm



- 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

NON-IC PLASTERFRAME (With Installation ST)

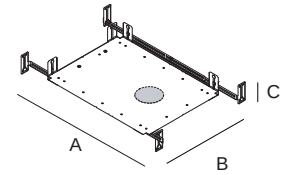
S-SMALL:
A:12”-23/32 **x B:**11”-1/16 **x C:**5”
A:323mm **x B:**281mm **x C:**127mm



- 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



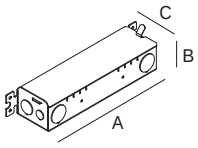
- Low Profile 1”-5/8 Height
- New Construction
- ETL Listed
- Hangerbar expand to 24”-23/32 or 15”-3/32 - reduce to 12”-23/32 or 9”-1/32
- Damp rated

Installation Options (cont.)

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

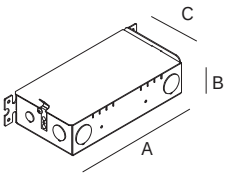
- For Remote application
- ETL Listed
- Damp rated



REMOTE DRIVER (With Control D1)

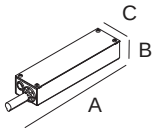
A: 8″ x **B:** 2″-3/16 x **C:** 4″-1/4
A: 203mm x **B:** 72mm x **C:** 108mm

- For Remote application
- ETL Listed
- Damp rated

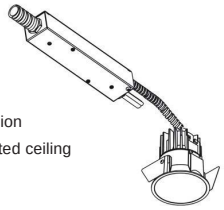


REMODEL NON-IC (Installation ST only)

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

- Levition IP710-LFZ / IP710-DLX
- Lutron DVTV/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.