

STAR Series Downlight

Small enough to be held by 2 fingers easily, the Star series is small and compact for blending into the ceiling perfectly. We designed the Star series with a unique Anti-Glare feature so that the small lighting fixture in the ceiling is barely noticeable while providing a high lumen output in a static or tunable white color temperature of the customer's choice. It can be applied to numerous situations in both residential and commercial lighting situations.



Shape
(Baffle Size)



Round
1.5"



Square
1.5"



2 Square lamps
1.5" ea

Mountings



Recessed
Trim



Recessed
Trimless

Light distributions



Fixed



Adjustable



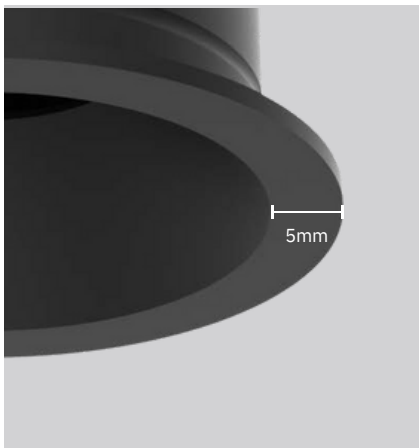
PoE Lighting Solution
Powered by LED Industries

STAR Series Downlight

LI-ST deliver high lumens to your spaces while remaining fully workable from below the ceiling plane.

FEATURES

- LI-ST downlight offer a tiny new form element for a minutest downlight artistic.
- Micro trim style is well suited with sheetrock, ACT, wood/millwork, and many other ceiling materials
- Industry leading luminescence and craftsmanship



Small & exquisite

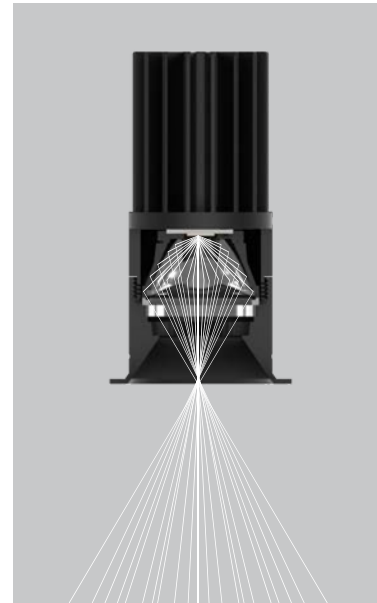
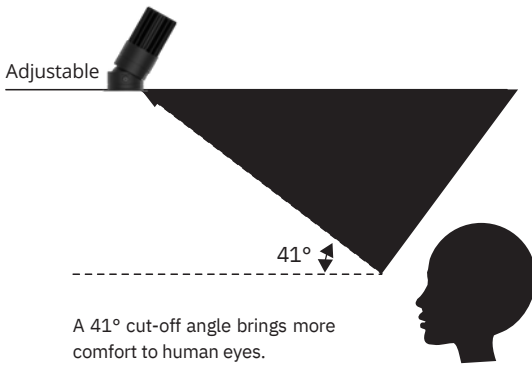
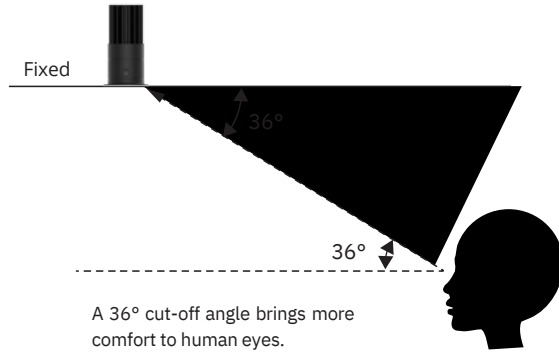
The thin frame design, with a 1.8mm thickness and 5mm width, is small and compact and blends into the ceiling perfectly.



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Low glare baffle

Design with 36° cut-off angle, this series ensures the low glare function that able to create a soft even visual effect.



optics

Deep baffle design helps to reduce glare, equipped with special selected lens, the light is evenly spread towards the centre to achieve the beam angles needed, making STAR a unique series.

Recessed trimless

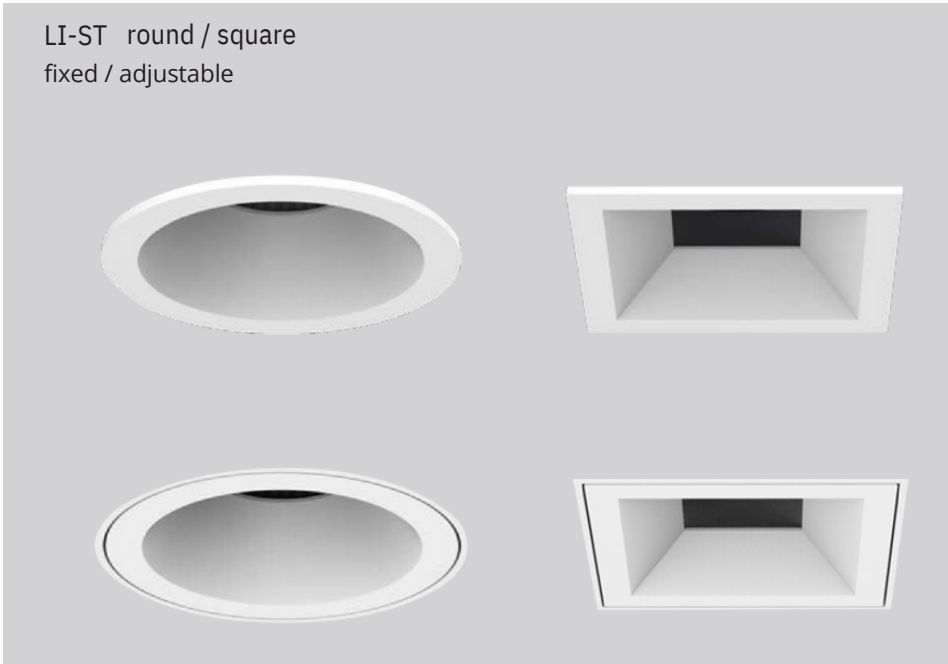


Fix the trim to the ceiling with screws
Finish the surface with clay and no mark on it.



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LI-ST round / square
fixed / adjustable

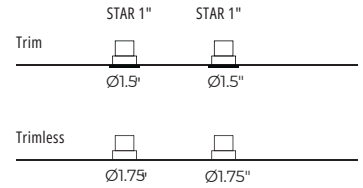


Specification

2700 K, 3000 K, 4000 K,
CRI ≥ 90

PoE 100% Dimming
TRIAC

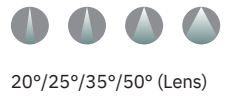
Types (round & square)



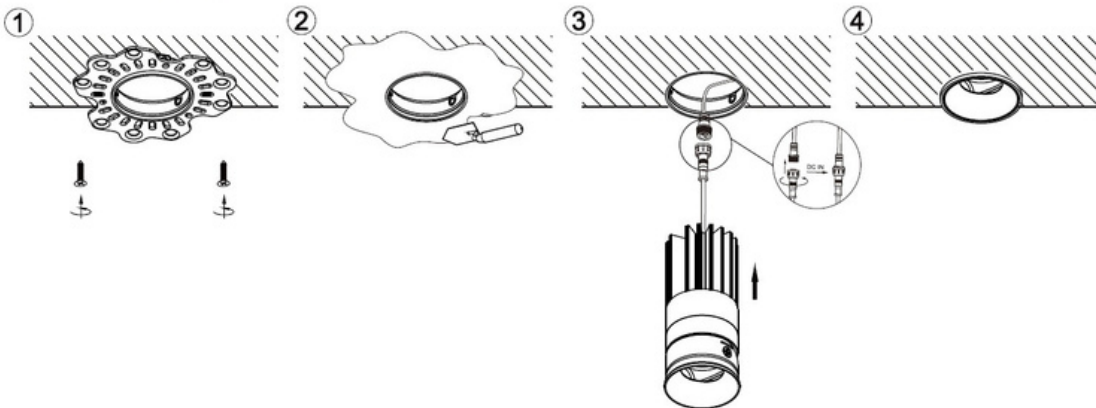
Colours

- Bezel : Black White
- Baffle : Black White

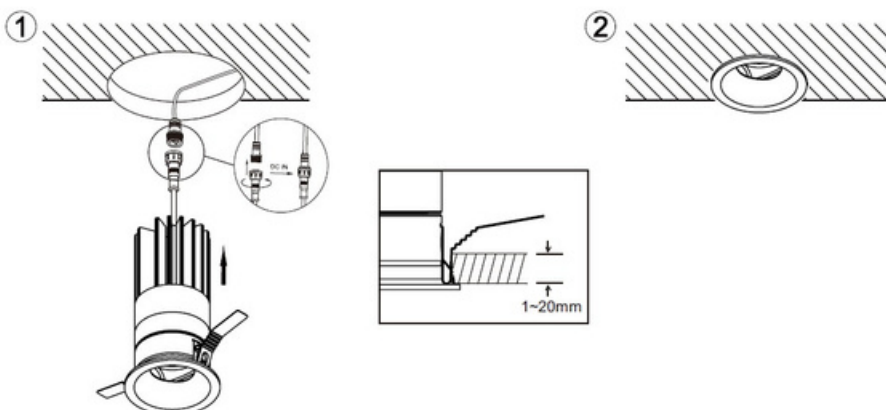
Beam Angle



A Recessed Trimless



B Recessed Trim



Certification Information



NON-IC



IC



SPECIFICATIONS

Designed based on the concept of "light engine modularization", making 1.5" STAR downlight possible to be more flexible, more practical and expandable.

The features are as follows:

- * Modularized design—easy maintenance & replacement
- * Maximize common components to reduce stock cost
- * Speed up the progress of new 1.5" STAR development in the future
- * Interchangeable design to increase product flexibility
- * Set up design norms by modularization, minimize possible faults

Optics

Deep baffle design helps reduce glare, equipped with special selected lens, the light is evenly spread towards the centre to achieve the beam angles needed, making 1.5" STAR a unique Downlight.

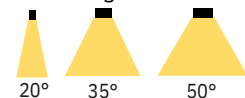
Compliance

All combinations of fixtures, trims ETL Listed.

Rating

Wet & Damp location (available in Fixed version only)
Damp Location (Adjustable)

Beam Angle



Diffuser

Diffusion sheet, Striped glass, Woven glass, Honeycomb louver



Type

Trim, Trimless

Shape

Round, Square

Finish



White Black

Selectable Power	5W, 7W, 10W
Shape	Round, Square
Input voltage	PoE: 0.145 - 0.278 Amps A/C : 120-277 VAC
Selectable Lumens	450 - 900lm
CRI	>90Ra
Beam Angle	20°, 25°, 35°, 50°
Color Temp	2700K, 3000K, 4000K TW 18-40K, TW 27-60K
Dimensions	D1.5" x H 3 7/8"
Material	Aluminum
Dimming	PoE, DALI, TRIAC
Certificate	ETL
Warranty	5 years

PROJECT:
TYPE:

ORDERING INFORMATION:

Example: **LI-ST-R-TL-7W-FW-S35-TW18-40-WT-SG-IC**

SERIES	SHAPE	TYPE	WATTAGE	VERSION	BEAM ANGLE	CCT	FINISH	DIFFUSER	HOUSING
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SERIES	SHAPE	TYPE	WATTAGE	VERSION	LUMEN L	BEAM ANGLE	CRI	CCT	FINISH	DIFFUSER	HOUSING	DIMMING
LI-ST	R-Round	T -Trim	5W @ 0.145A	FW-Fixed Wet Locaon	5L 450 lm	S20 20°	>90	27K	BK Black	DS Diffusion sheet	IC	PoE
		S-Square	TL-Trimless	7W @ 0.200A	FD-Fixed Damp Locaon	7L 630 lm		S25 25°			30K	IC Box
			10W @ 0.278A	AJ-Adjustable Damp Locaon	10L 900 lm	S35 35°	40K	WT White	SG Striped glass	Non- IC New construction plate	TRIAC	
						S50 50°	TW 18-40K TW 27-60K	HL Honeycomb louver				



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FIXED

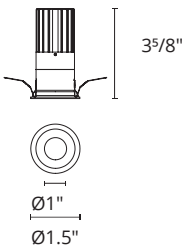


Product number	LI-ST-FW
LED Consumption	10W
Current	270 (mA)
Delivered Lumen	900 (lm)
Beam Angle	20°/25°/35°/50°
CCT	(Lens) 3000K
CRI	90+

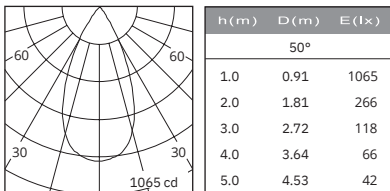


Dimmable

PoE	100%
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⊘ Cut out : 13/8"



ADJUSTABLE

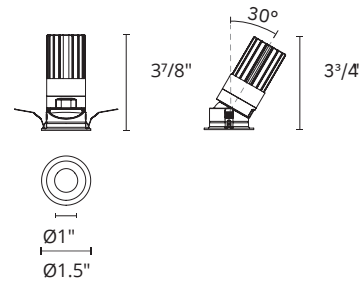


Product number	LI-ST-AJ
LED Consumption	10W
Current	270 (mA)
Delivered Lumen	900 (lm)
Beam Angle	20°/25°/35°/40°
CCT	(Lens) 3000K
CRI	90+

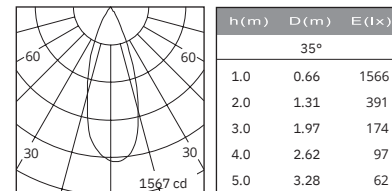


Dimmable

PoE	100%
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⊘ Cut out : 13/8"



Accessories

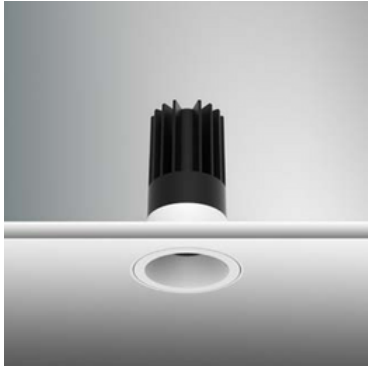


HO-18
honeycomb
louver +PC sheet



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FIXED

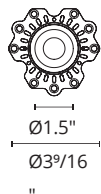
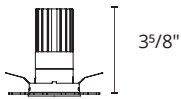


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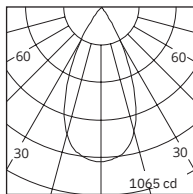


Dimmable

TRIAC	1-10V
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Ⓜ Cut out : 2 9/25"



h (m)	D (m)	E (lx)
50°		
1.	0.9	1065
0	1	266
2.	1.8	118
0	1	66
3.	2.7	42
0	2	
4.	3.6	
0	4	
5.	4.5	
0	3	

ADJUSTABLE

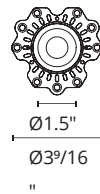
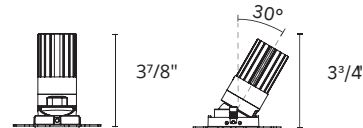


Product number	LI-ST-AJ
LED Consumption	10W
Current	270 (mA)
Delivered Lumen	900 (lm)
Beam Angle	20°/25°/35°/40°
CCT	(Lens) 3000K
CRI	90+

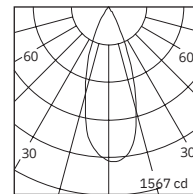


Dimmable

TRIAC	1-10V
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Ⓜ Cut out : 2 9/25"



h (m)	D (m)	E (lx)
35°		
1.	0.6	1566
0	6	391
2.	1.3	174
0	1	97
3.	1.9	62
0	7	
4.	2.6	
0	2	
5.	3.2	
0	8	

Accessories

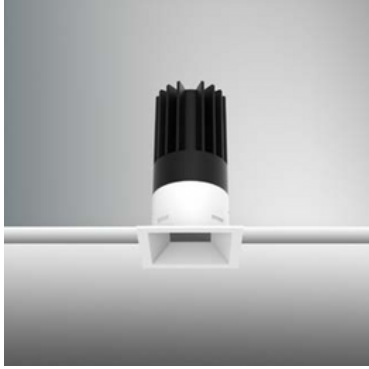


HO-18
honeycomb
louwer +PC sheet



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FIXED

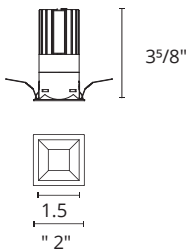


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Beam Angle	20°/25°/35°/50°
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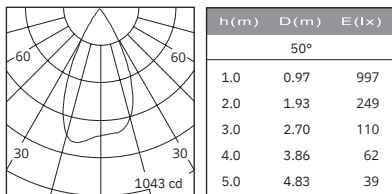


Dimmable

TRIAC	1-10V
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Cut out : 1²⁶/₃₂"X1²⁶/₃₂"



ADJUSTABLE

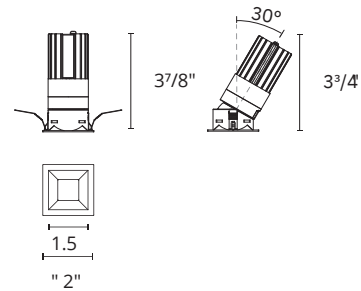


Product number	LI-ST-AJ LED
Consumption	10W
Current	270 (mA)
Delivered Lumen	900 (lm)
Beam Angle	20°/25°/35°/40°
CCT	(Lens) 3000K
CRI	90+

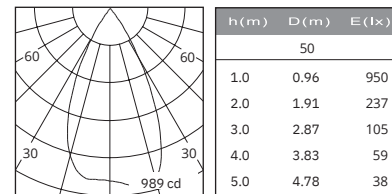


Dimmable

TRIAC	1-10V
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Cut out : 1²⁶/₃₂"X1²⁶/₃₂"



Accessories



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FIXED

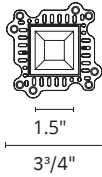
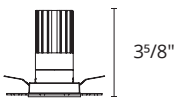


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Beam Angle	20°/25°/35°/50°
CCT	(Lens) 3000K
CRI	90+



Dimmable

TRIAC	1-10V
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Cut out : 2¹²/₃₂" X 2¹²/₃₂"

h (m)	D (m)	50°	
		E (lx)	1043 cd
1.0	0.9	997	
2.0	1.7	249	
3.0	2.6	110	
4.0	3.4	62	
5.0	4.3	39	
0	0		
0	3		

ADJUSTABLE

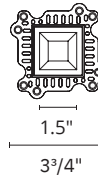
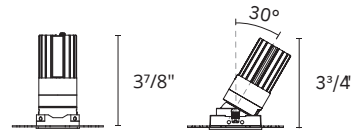


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Current	270 (mA)
Delivered Lumen	900 (lm)
Beam Angle	20°/25°/35°/40°
CCT	(Lens) 3000K
CRI	90+



Dimmable

TRIAC	1-10V
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Cut out : 2¹²/₃₂" X 2¹²/₃₂"

h (m)	D (m)	50	
		E (lx)	989 cd
1.0	0.9	950	
2.0	1.8	237	
3.0	2.7	105	
4.0	3.6	59	
5.0	4.5	38	
0	7		
0	3		

Accessories



HO-18
honeycomb
louwer +PC sheet



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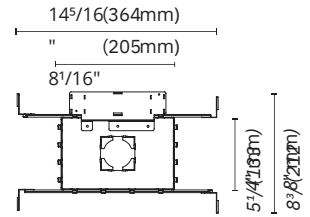
ACCH-13F-R45-S46

for LI-ST round / square trim

ACCH-13F-60

for LI-ST round/square trimless

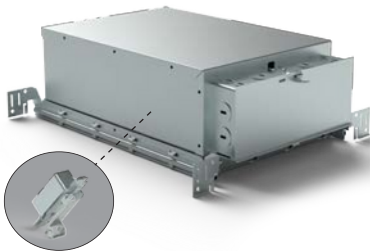
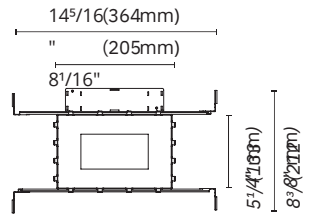
Type: New construction plate



ACCH-13F-60X120

for LI-ST Combo

Type: New construction plate



Driver is secured on patent designed bracket

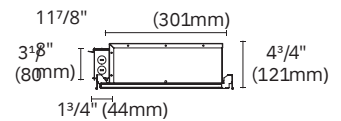
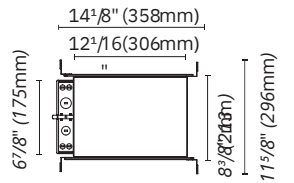
ACCH-12F-R45-S46

for LI-ST round / square trim

ACCH-12F-60

for LI-ST round / square trimless

Type: IC Box



ACCH-12B-60x120

for LI-ST Combo

Type: IC Box

