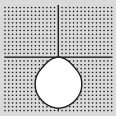
DOT-R 2.5
FIXED

PERFORMANCE



- Up to 95lm/W
- 350 - 1300 delivered lumens
- CRI > 90
- Customizable
- Accessories and lenses field changeable
- Serviceable in the field

OPTICS

DOT-R 2.5

15° 25° 35° 55°

COMPATIBLE CONTROLS & FEATURES

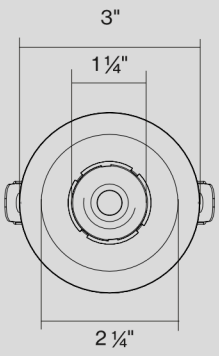
ATHENA WIRELESS NODE by LUTRON · nLIGHT · consult factory · QS QUICK SHIP

CERTIFICATIONS & COMPLIANCE

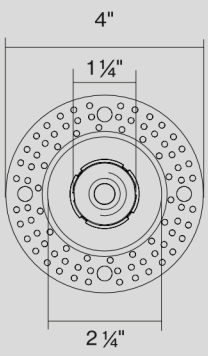
BAA BABA · cULus · RoHS compliant · TITLE 24 JA8

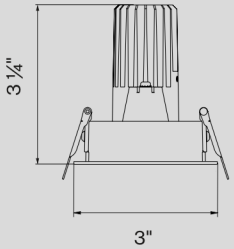
DIMENSIONS

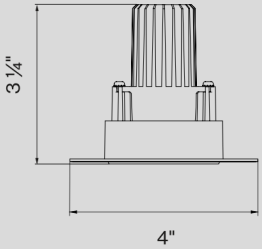
TRIM



TRIMLESS







5 YEAR limited led warranty

Catalog Number Example

DOT-R2.5F-IP-RTR-WHWH-30K-C90-FL-L35D-UNV-010V-NLT-700LM-HCOMB-FBI-BAA

A B C D E F G H I J K L M N

A RANGE

DOT-R 2.5	DOT-R2.5F

B SUB CATEGORY

QS non-IP54 rated	*
QS IP54 rated (wet listed)	IP

*leave blank

C MOUNTING

QS Recessed trim	RTR
QS Recessed trimless (mud-in)	MUD
Millwork	MLW

D HOUSING COLOR

QS White	WH__
QS Black	BL__
Custom RAL	XX__

custom RAL, please contact BASO

BEZEL COLOR

QS White	__WH
QS Black	__BL
Custom RAL	__XX

custom RAL, please contact BASO

E CCT

QS 2700 K	27K
QS 3000 K	30K
QS 3500 K	35K
QS 4000 K	40K
1800-4000K Tunable White	T1840-C90
2700-6500K Tunable White	T2765-C90
Dim-to-warm 1800-3000K	DW

F CRI

QS CRI > 90	C90

G OPTICS

QS Spot 15°	SP-L15D
QS Medium 25°	MD-L25D
QS Flood 35°	FL-L35D
QS Wide Flood 55°	WD-L55D

H VOLTAGE

QS 120V / 277V	UNV

I DIMMING

QS 0-10V 1% dimming	010V
DALI *	DALI
Lutron Digital Dim	LTD
Phase (120V only)	PH
Custom dimming consult factory	XXXX

* Not available with FBI housing

J CONTROLS

QS No Controls	*
Lutron Athena compatible	LUTA
nLight compatible	NLT
Custom Controls consult factory	XXXX

* leave blank

K OUTPUT

QS 350lm 3.7W	350LM
QS 700lm 7.5W	700LM
QS 1000lm 10.5W	1000LM
QS 1300lm 14.0W	1300LM
Custom lm*	XXXLM

*custom lumen from 350 up to 1300 lm

L ACCESSORY

QS No Accesory	*
Honeycomb Louver	HCOMB
Concentric Louver	CONC
Solite Filter	SF

* leave blank

M HOUSING

QS From Below Install *	FBI
QS T-Rod/non IC-rated	TR-NIC
T-Rod / IC-rated	TR-ICR
Chicago Plenum (CCEA)	TR-CCEA
QS Remote Housing	REM

* Requires 6" minimum plenum

N CERTIFICATION

No Certification	*
BAA Compliant	BAA
BABA Compliant	BABA

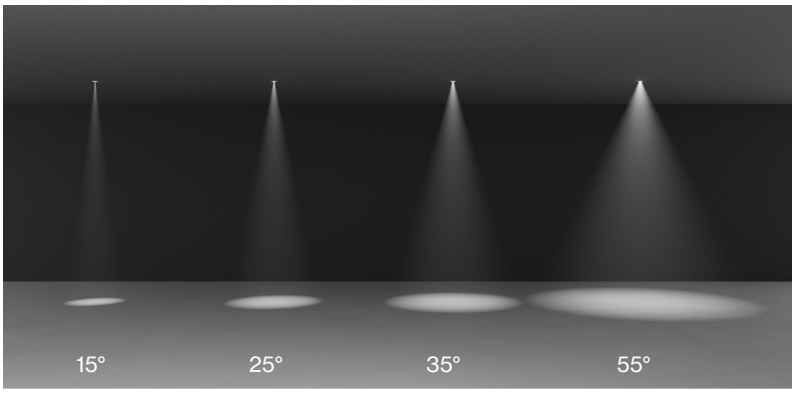
* leave blank

BASO
basolighting.com

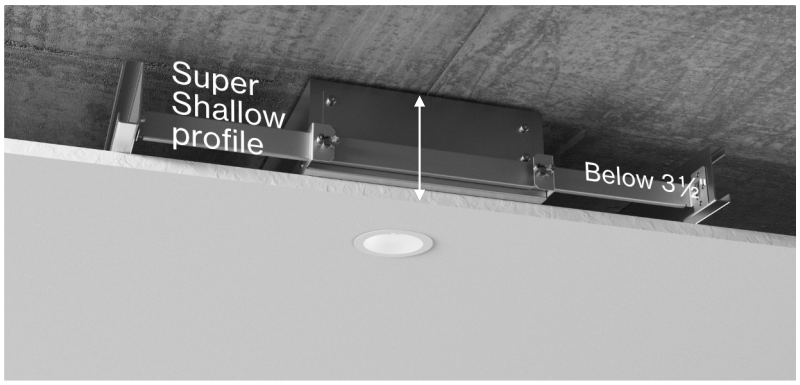
Technical data

DOT-R 2.5 FIXED

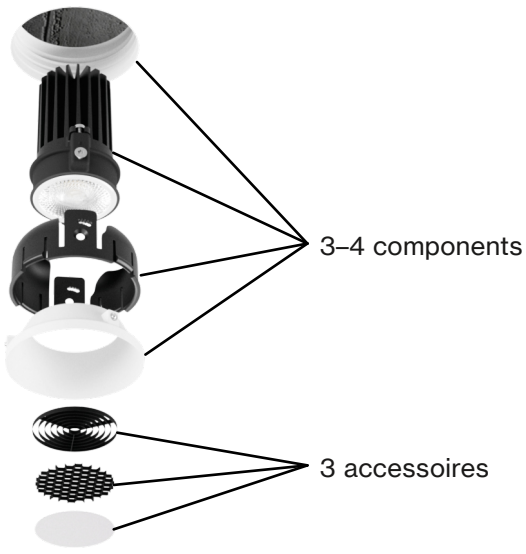
Delivered Lumens	CCT	CRI	Input Watts	Luminaire Efficacy
350 lm	4000K	CRI > 90	3.7 W	95 lm/W
700 lm	4000K	CRI > 90	7.5 W	93 lm/W
1000 lm	4000K	CRI > 90	10.5 W	95 lm/W
1300 lm	4000K	CRI > 90	14 W	93 lm/W



Beam angles



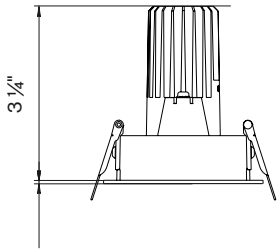
Low Ceiling Profile



Easy Assembly

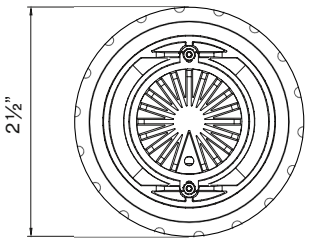
MOUNTING

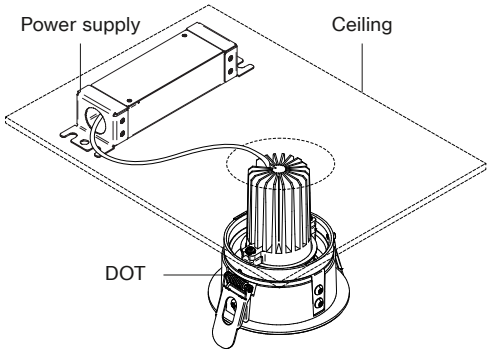
From Below Install (FBI)



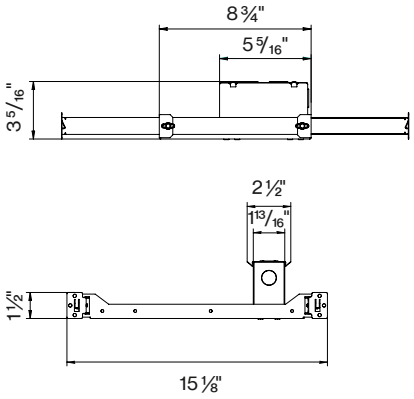
Compatible Ceiling Thickness
¼", ⅜", ½", ⅝"

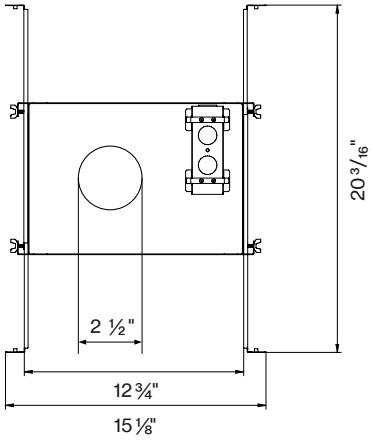
Cutout dimension

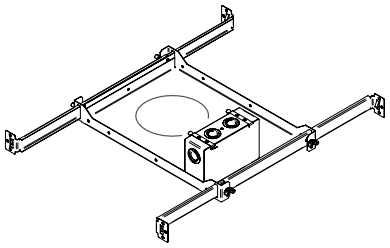




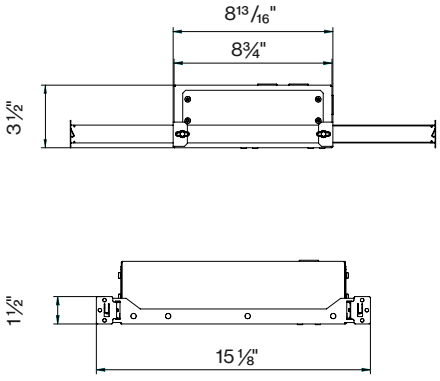
non-IC rated Housing

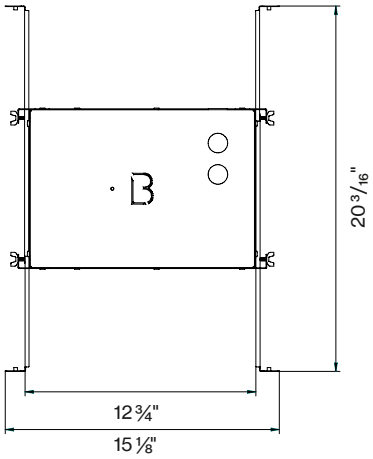


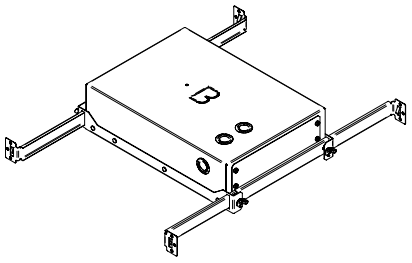




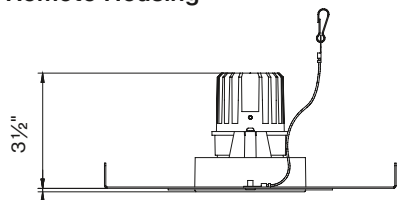
IC rated Housing







Remote Housing



Compatible Ceiling Thickness
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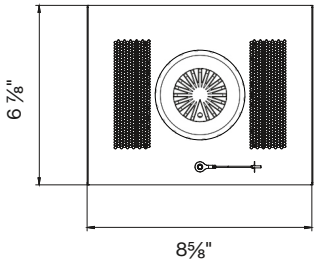

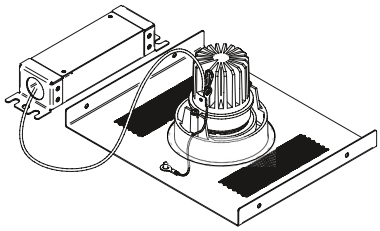

DOT-R mounting instructions

Get access to the DOT-R
mounting instructions faster by scanning the QR code.

https://www.basolighting.com/resources/
mounting-instructions/dot-r