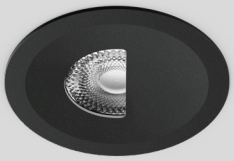
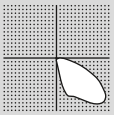
DOT-R 4.0
WALL WASHER

5 YEAR limited led warranty



PERFORMANCE



- Up to 100lm/W
- 1000 – 2000 delivered lumens
- CRI > 90
- Customizable
- Serviceable in the field

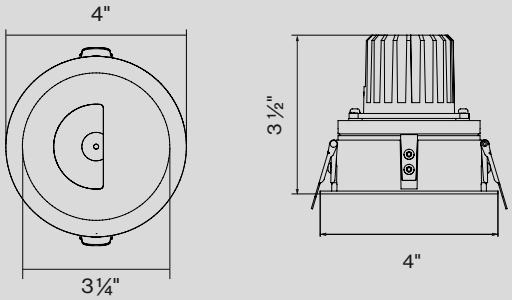
COMPATIBLE CONTROLS & FEATURES

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

CERTIFICATIONS & COMPLIANCE

BAA BABA · cULus · RoHS compliant · TITLE 24 JA8

DIMENSIONS



Catalog Number Example

DOT-R4.0-RTR-WHWH-WW-30K-C90-UNV-010V-NLT-1500LM-FBI-BAA

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

A RANGE

DOT-R 4.0	DOT-R4.0

B MOUNTING

Recessed with trim	RTR

C 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

D LENS

Asymmetric wall washer	WW

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 VOLTAGE

QS 120V / 277V	UNV

H 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

I CONTROLS

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

* leave blank

J OUTPUT

QS 1000lm 10W	1000LM
QS 1500lm 15W	1500LM
QS 2000lm 20W	2000LM
Custom lm*	XXXLM

*custom lumen from 1000 up to 2000 lm

K 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

L CERTIFICATION

No Certification	*
BAA Compliant	BAA
BABA Compliant	BABA

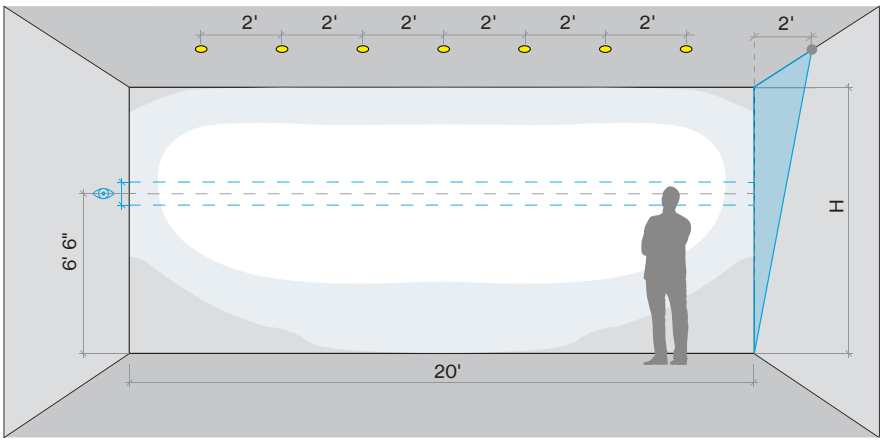
* leave blank

BASO
basolighting.com

Technical data

DOT-R 2.5 WALLWASHER

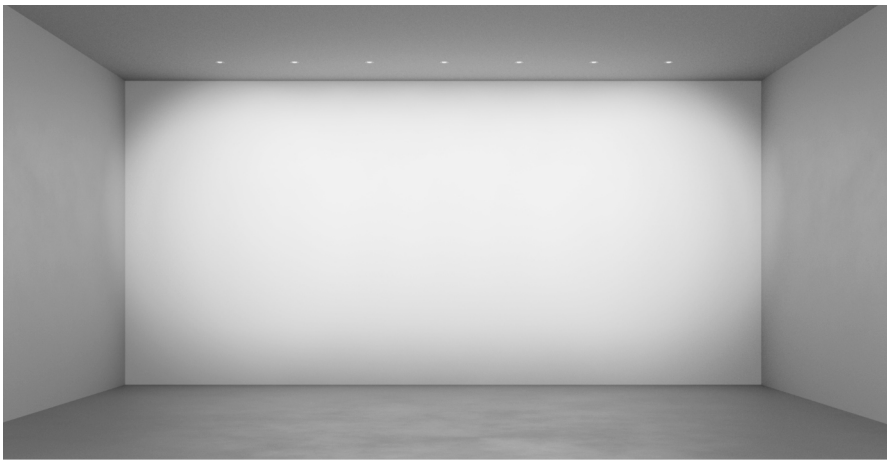
Delivered Lumens	CCT	CRI	Input Watts	Luminaire Efficacy
1000 lm/ft	4000K	CRI > 90	10 W	100 lm/W
1500 lm/ft	4000K	CRI > 90	15 W	100 lm/W
2000 lm/ft	4000K	CRI > 90	20 W	100 lm/W



BEAM DISTRIBUTION

Wall to ceiling ratio

Room height	H = 9 ft
Distance to wall	A = 1 ft
Eye level	4 – 5 ft



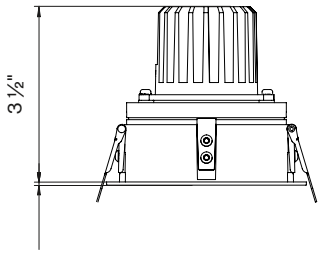
BEAM DISTRIBUTION

Wall to ceiling ratio

Room height	9 ft
Room width	20 ft
Distance to wall	3 ft

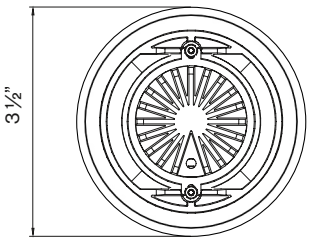
MOUNTING

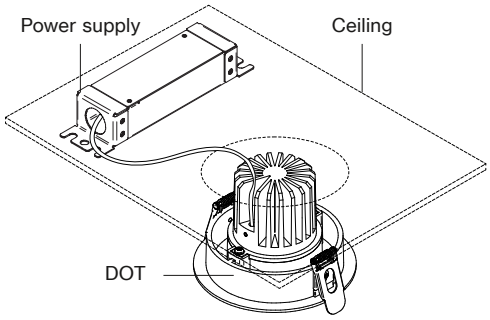
From Below Install (FBI)



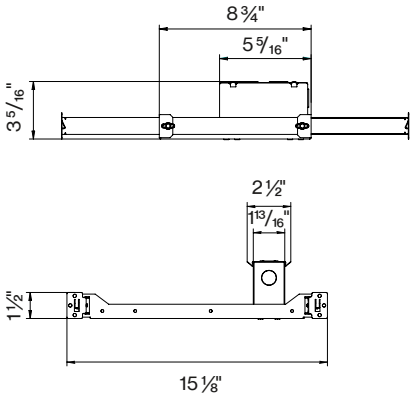
Compatible Ceiling Thickness
¼", ⅜", ½", ⅝"

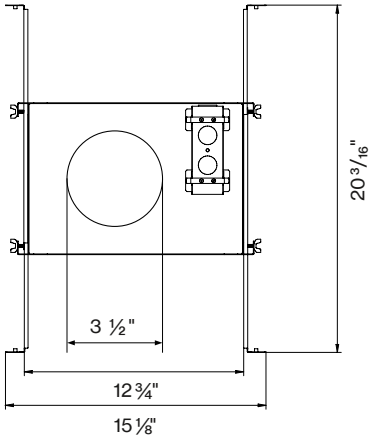
Cutout dimension

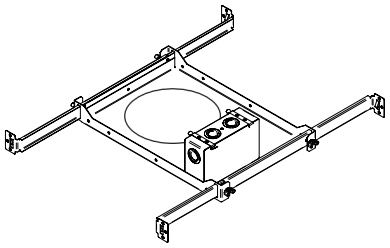




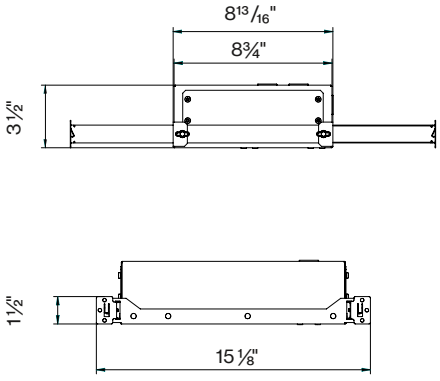
non-IC rated Housing

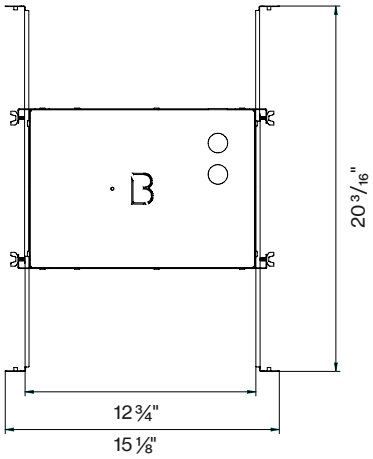


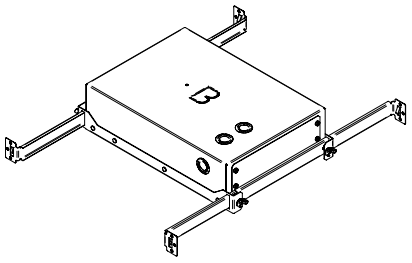




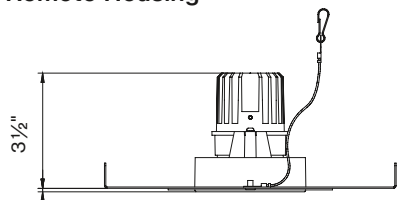
IC rated Housing



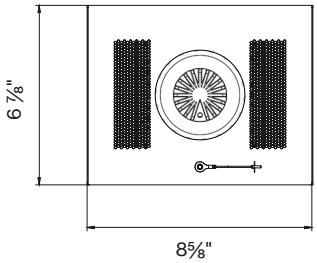


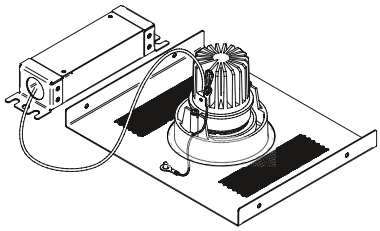


Remote Housing



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





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