alphabet

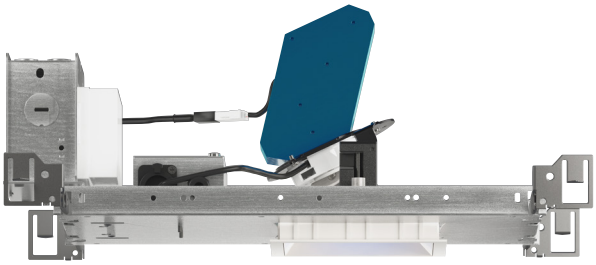
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

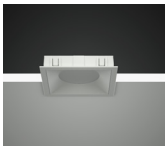
NU4

4" Square Wall Wash RGBW

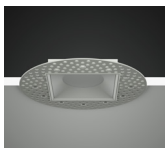
NSF | AT airtight | DF dead-front | PR plenum rated | wet rated

WW BEAM (Note: Specifications are subject to change without notice)		
22mm COLOR TUNING MODULE PERFORMANCE DATA		
LED LIGHT ENGINE	**NOMINAL DELIVERED LUMENS**	**SYSTEM WATTAGE**
10LM	820LM @30K/90CRI	25W
Notes	Delivered lumens based on WW optic with no lens, (see page 2)	





Trim



Trimless



Trimless Millwork

FEATURES

- An asymmetric reflector with highly efficient BrightView angle bending lens produces excellent wall washing with no scalloping
- RGB (W) five white CCT options available.
- On-board, closed-loop optical feedback measures the lumen depreciation of each channel and re-balances the color model to ensure color consistency over the life of LED array.
- UGR <18
- Multiple mounting, trims and finishes available

DIMMING AND CONTROLS

- DMX512-A-RDM control, 8 bit channel control with 0-255 grey bit scale. DMX connection by wire leads.
- Wireless network control, profile allows color mixing on Casambi app

CONSTRUCTION

- Shatter proof acrylic bezel lens
- LEXAN™ (PC) Optimal connectivity for wireless control signal
- Impact and chemical resistant at the highest level
- With stands temperatures up to 240°F
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-1/4"

LED

- Lumiled LUXEON C Color Line
- SDCM = 2-step MacAdam Ellipse, Duv +/- 0.002, Lumen Maintenance: L_{70} > 50,000 hrs

LISTING

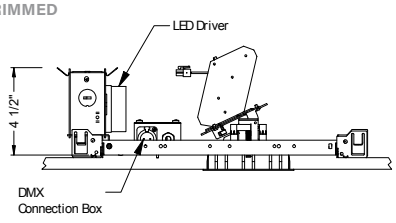
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- Made in the USA - meets the requirements of the Buy American provision within the ARRA
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

ELECTRICAL

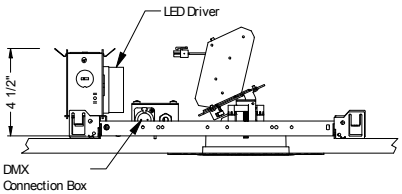
- 120-277VAC 50/60Hz input
- Power factor > 0.9
- Max ambient temperature 35°C
- Battery Backup not offered. Emergency Generator/Inverter/ Controls-Override Device supplied by others

FIXTURE HEIGHT

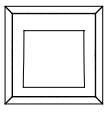
TRIMMED



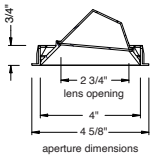
TRIMLESS



TRIMMED

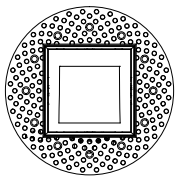


ceiling cutout
4-1/4" square
ceiling thickness
1/8" to 1-1/4"

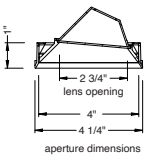


aperture dimensions

TRIMLESS

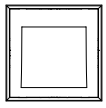


ceiling cutout
4-1/2" square
ceiling thickness
3/8" to 1-3/4"

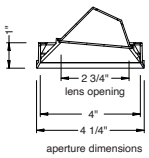


aperture dimensions

MILLWORK



ceiling cutout
4-1/4" square
ceiling thickness
5/8" to 1-3/4"



aperture dimensions

101017

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WW BEAM ORDERING CODE			
SERIES	NU4	NU4	
TYPE	QW	square wall wash	
	QWT	square wall wash trimless	
	QWTMW	square wall wash trimless millwork	
LED	RGBW	4 channel color module	
DELIVERED LUMENS	10LM	820lm	
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier]		
CCT	27K	RGBW with white at 2700K	
	30K	RGBW with white at 3000K	
	35K	RGBW with white at 3500K	
	43K	RGBW with white at 4300K	
	65K	RGBW with white at 6500K	
CRI	90	90 CRI	
OPTIC & LM MULTIPLIER SEE PAGE 2	WW	wall wash	
TRIM COLOR SEE PAGE 2	BK	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	WT	wheat	
	Not applicable to trimless option. Do not include in trimless ordering code.		
BEZEL COLOR SEE PAGE 2	BK	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	WT	wheat	(0.99)

WW BEAM ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 5, 6	NC	new construction with ceiling fitting plate
	IC[1]	insulation contact housing
	ICAT[1]	insulation contact/airtight housing
	CP[1]	chicago plenum housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	UNV	120V-277V
DIMMING	DMX-RJ45	DMX control dimming to 0.1% with RJ45 connection
	DMX-XLR	DMX control dimming to 0.1% with XLR 5pin connection
	DMX-WL	DMX control dimming to 0.1% with wire lead connection
	CAS	Casambi control with flicker free 1% dimming

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU4 - QW - RGBW - 10LM - 30K - 90 - WW - BK - BK - NC - UNV - DMX - RJ45

NOTES

1. For servicing DMX cable, access above the ceiling is required.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

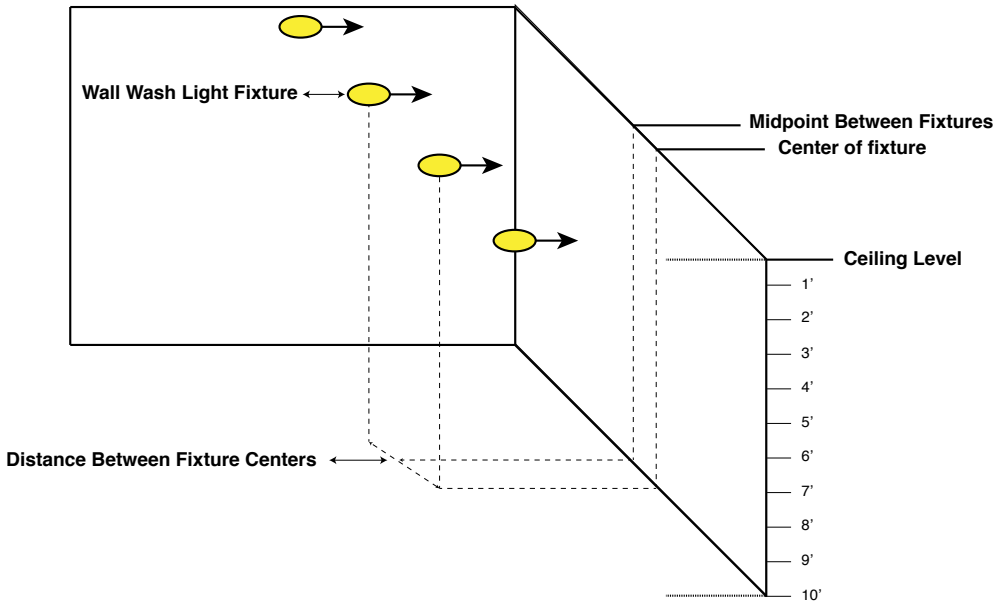
TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ WT

PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

RGBW WALL WASH, 10LM, WHITE																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	22.4	21.2	17.5	12.3	16.6	6.2	5.4	5.5	3.7	3.9	3.2	2.6	1.5	1.6	1.2	1.2	0.9	0.7
2'	41.6	42.2	29.3	28.1	23.9	19.2	20.8	21.3	15	14.5	11.5	10.8	7.2	7	5.6	5.3	4.4	3.1
3'	32.7	33.4	23.3	23.5	18.1	17.6	25.1	25.8	18.5	18.8	14.3	14.1	12.1	12.3	9.5	9.4	6.7	6.1
4'	22.4	23.2	17	17.2	13.1	13.3	20.7	21.5	16.1	16.4	12.6	12.7	13.1	13.3	10.4	10.6	7.3	7
5'	15.1	15.5	11.9	12.2	9.5	9.6	16	16.5	12.9	13.3	10.4	10.5	11.5	11.9	9.5	9.6	6.6	6.6
6'	10.3	10.5	8.4	8.7	6.9	7.1	11.9	12.2	10	10.3	8.3	8.4	9.7	10.1	8.2	8.4	5.8	5.9
7'	7.2	7.3	6.1	6.3	5.1	5.3	8.9	9.1	7.6	7.9	6.5	6.6	8	8.2	6.8	7	5	5.1
8'	5.2	5.2	4.5	4.6	3.9	4	6.7	6.8	5.9	6	5.1	5.2	6.4	6.6	5.6	5.8	4.2	4.3
9'	3.8	3.9	3.4	3.5	3	3	5.1	5.2	4.6	4.7	4	4.1	5.2	5.3	4.6	4.7	3.6	3.6
10'	2.9	2.9	2.6	2.7	2.3	2.4	3.9	4	3.6	3.7	3.2	3.3	4.2	4.3	3.8	3.9	3	3.1

NOTE

1. Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

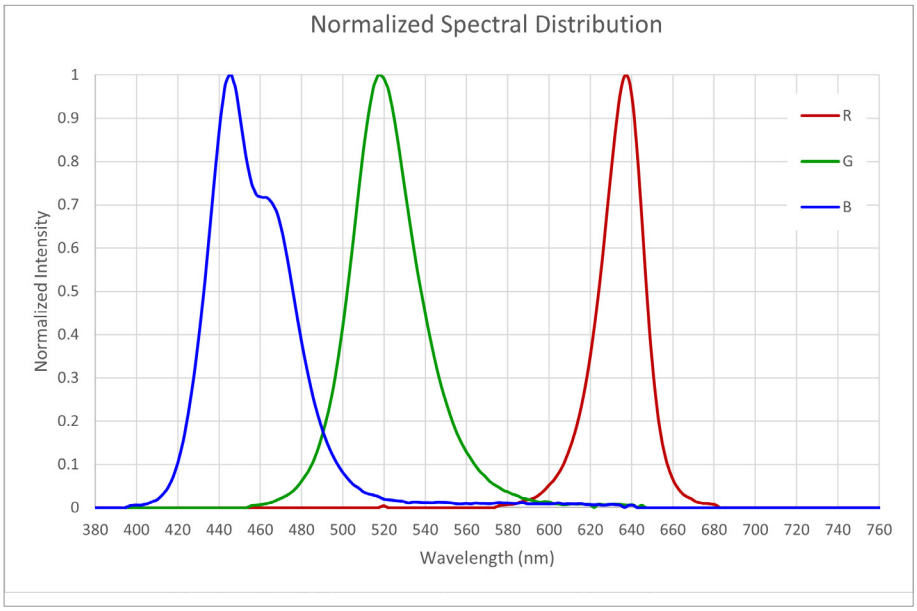
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

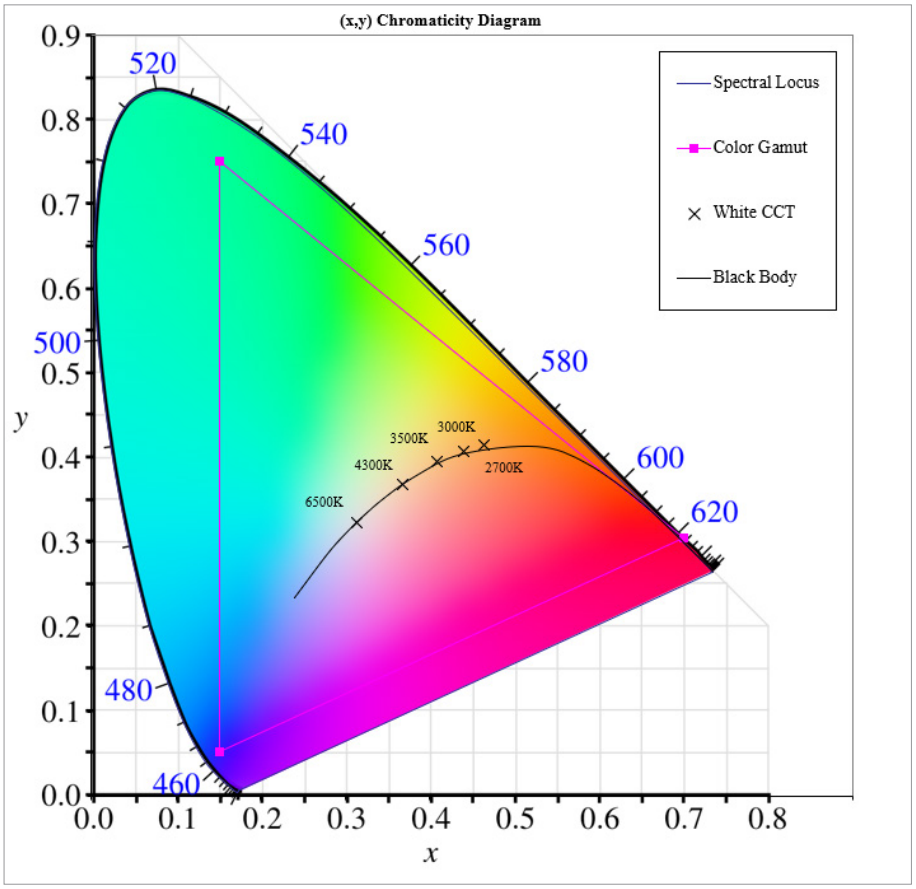
RGBW DATA

DOMINANT WAVELENGTH	
	SPECIFIED
R	623.4
G	527.8
B	462.6

RGB SPECTRAL PLOT



COLOR GAMUT PLOT

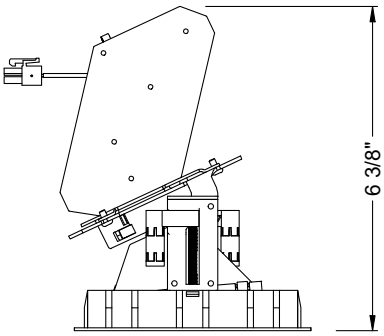


alphabet

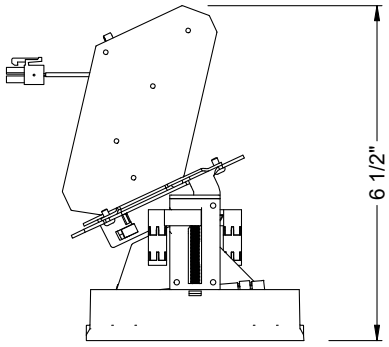
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT



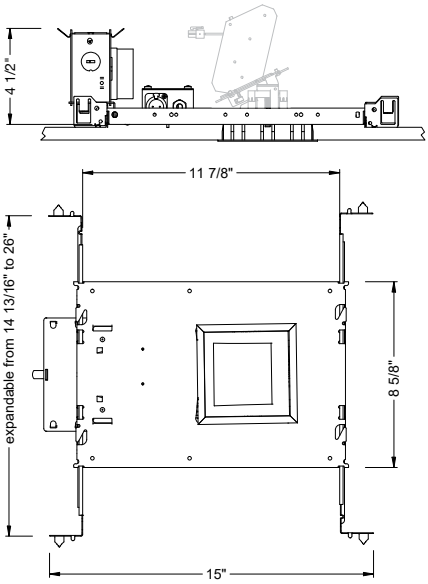
TRIMMED



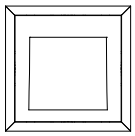
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

TRIM

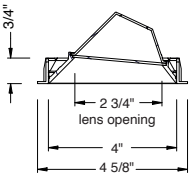


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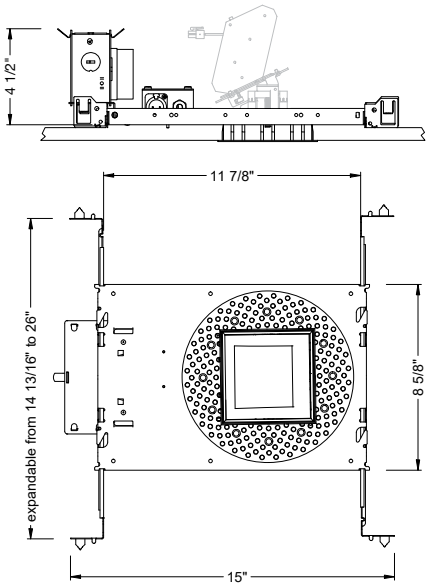
ceiling cutout
4-1/4" square

ceiling thickness
1/8" to 1-1/4"

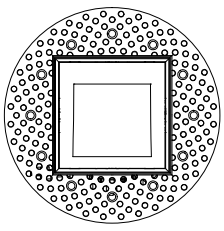


aperture dimensions

TRIMLESS

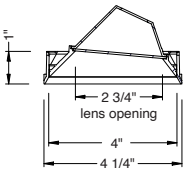


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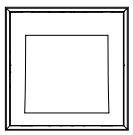
ceiling cutout
4-1/2" square

ceiling thickness
3/8" to 1-3/4"



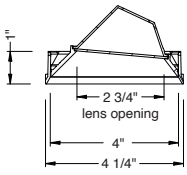
aperture dimensions

TRIMLESS/MILLWORK



ceiling cutout
4-1/4" square

ceiling thickness
5/8" to 1-3/4"



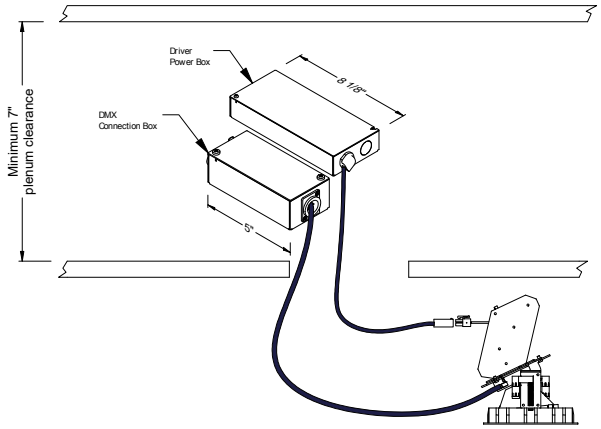
aperture dimensions

alphabet

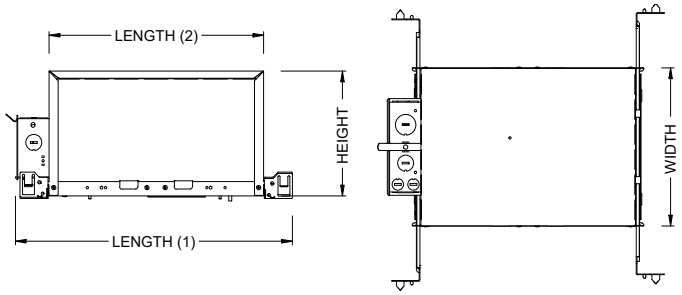
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

RET - RETRO
TRIM/TRIMLESS



IC - INSULATION CONTACT HOUSING
ICAT - INSULATION CONTACT / AIR TIGHT
CP - CHICAGO PLENUM



BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"

RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
TYPE NON-IC	✔	✔			
TYPE IC			✔	✔	✔
CHICAGO PLENUM (CCEA)					✔
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔	✔	✔	✔	✔

BOX TYPE / LUMEN OUTPUT - WALL WASH (97° X 72°)			
LUMEN OUTPUT	BOX - A		
	CP	IC	ICAT
10LM	✔	✔	✔

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS
TRIM	1/8" to 1-1/4"
TRIMLESS	3/8" to 1-3/4"
MILLWORK (TRIMLESS)	5/8" to 1-3/4"