alphabet

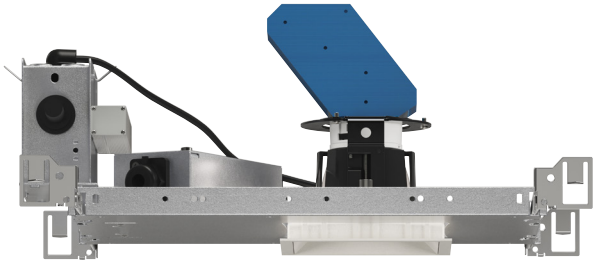
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

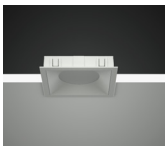
NU4

4" Square Downlight RGBW

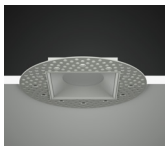
NSF · AT airtight · DF dead-front · PR plenum rated · wet rated

25° - 50° BEAM (Note: Specifications are subject to change without notice)		
22mm COLOR TUNING MODULE PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1000LM @30K/90CRI	25W
Notes	Delivered lumens based on 25D optic with no lens, (see page 2)	





Trim



Trimless



Trimless Millwork

FEATURES

- 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.
- 20° - 50° optical beam control
- UGR <5
- 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 1-3/4"

LED

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

LISTING

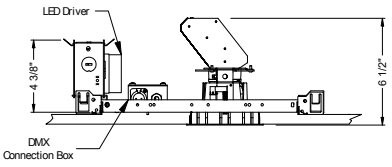
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- Made in the USA - meets the requirements of the Buy American provision within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

ELECTRICAL

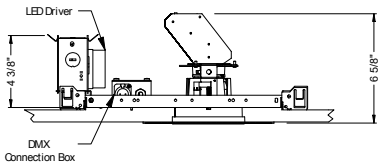
- 120-277VAC 50/60Hz input
- Power factor > 0.9
- Max ambient temperature 35°C
- Battery Backup not offered. Emergency Generator/Inverter/ Controls-Override Device supplied by others.

FIXTURE HEIGHT

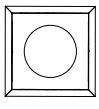
TRIMMED



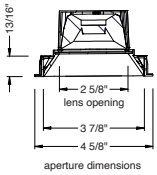
TRIMLESS



TRIMMED

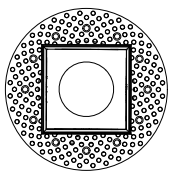


ceiling cutout
4-1/4" square
ceiling thickness
1/8" to 1-5/8"

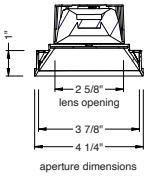


aperture dimensions

TRIMLESS

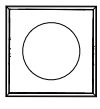


ceiling cutout
4-1/2" square
ceiling thickness
3/8" to 1-3/4"

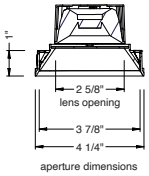


aperture dimensions

MILLWORK



ceiling cutout
4/1/2" square
ceiling thickness
5/8" to 1-3/4"



aperture dimensions

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

25°- 50° BEAM ORDERING CODE			
SERIES	NU4	NU4	
TYPE	QD	square downlight	
	QDT	square downlight trimless	
	QDTMW	square downlight trimless millwork	
LED	RGBW	4 channel color module	
DELIVERED LUMENS	10LM	1017 lm	
	Calculated Delivered Lumens = [Delivered Lumen Value] 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 3	25D	25 degrees	(1.00)
	30D	30 degrees	(0.98)
	35D	35 degrees	(0.98)
	50D	50 degrees	(0.92)
BEZEL LENS SEE PAGE 3	CL	clear lens	(1.00)
	NL[1]	no lens	(1.00)
TRIM COLOR SEE PAGE 3	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 3	BK	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	WT	wheat	

25°- 50° BEAM ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 5, 6	NC	new construction with ceiling fitting plate
	IC[2]	insulation contact housing
	ICAT[2]	insulation contact/airtight housing
	CP[2]	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

ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

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

NOTES

1. NL option does not meet requirement for AT/DF/WET/NSF.
2. 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

OPTICAL OPTIONS

CL
Clear Lens



OPTIC	BEAM ANGLE	UGR
25D	27.4	≤5
35D	34.2	6.5
50D	49.3	12.2
50D	49.3	12.2

NL
No Lens

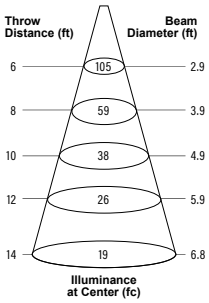


OPTIC	BEAM ANGLE	UGR
25D	27.4	≤5
35D	34.2	6.5
50D	49.3	12.2
50D	49.3	12.2

PHOTOMETRIC DATA

NU4-RD-RGBW-10LM-30K-90-XXD-NL-WH-WH

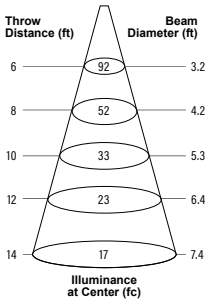
25D
27° NO LENS, SA BEZEL



WATTS: 25.7	LPW: 39.7
LUMENS: 1020	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3796
5	3467
15	1631
25	407
35	82
45	16

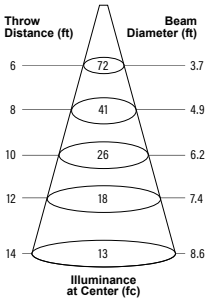
30D
30° NO LENS, WHITE BEZEL



WATTS: 25.7	LPW: 39
LUMENS: 1001	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3321
5	3079
15	1639
25	435
35	71
45	16

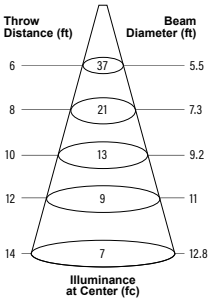
35D
34° NO LENS, WHITE BEZEL



WATTS: 25.7	LPW: 39.1
LUMENS: 1004	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	2601
5	2445
15	1519
25	585
35	99
45	17

50D
49° NO LENS, WHITE BEZEL



WATTS: 25.7	LPW: 36.6
LUMENS: 940	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	1322
5	1299
15	1080
25	643
35	243
45	56

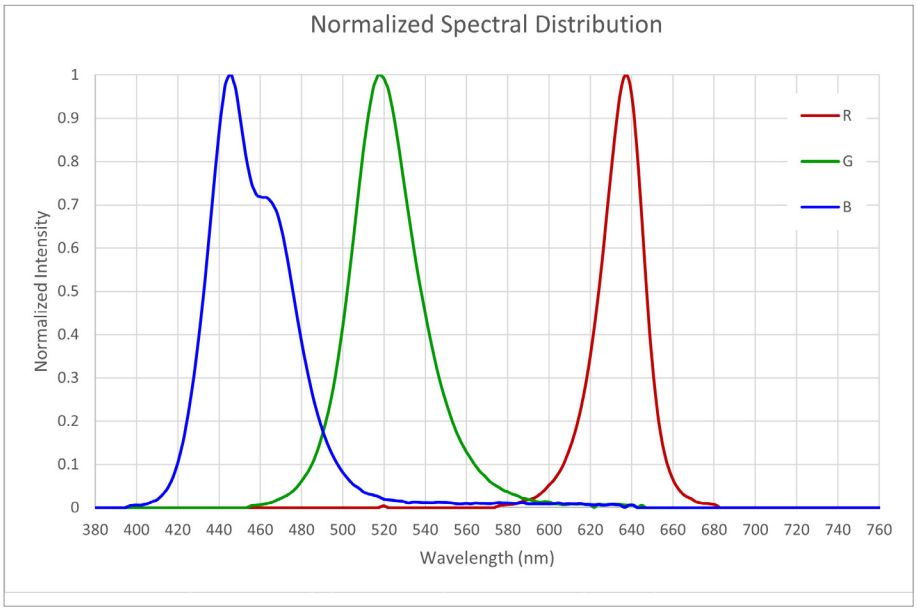
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

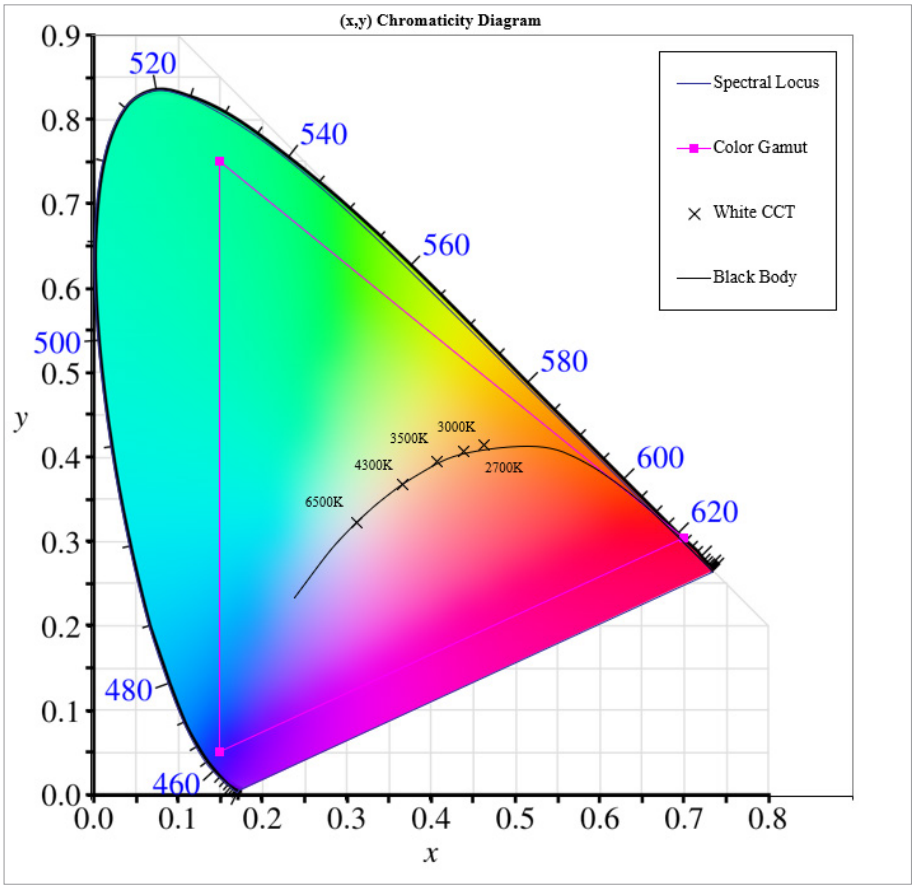
RGBW DATA

DOMINANT WAVELENGTH	
	MEASURED
R	623.9
G	524.2
B	461.9

RGB SPECTRAL PLOT



COLOR GAMUT PLOT

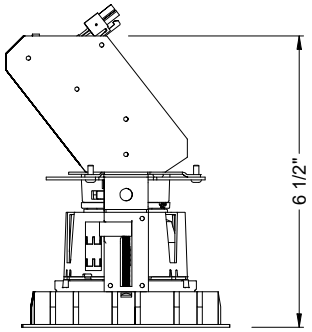


alphabet

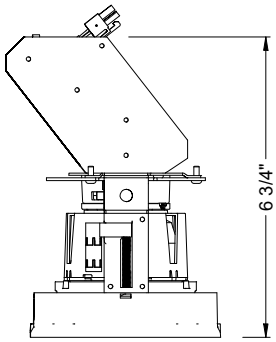
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT



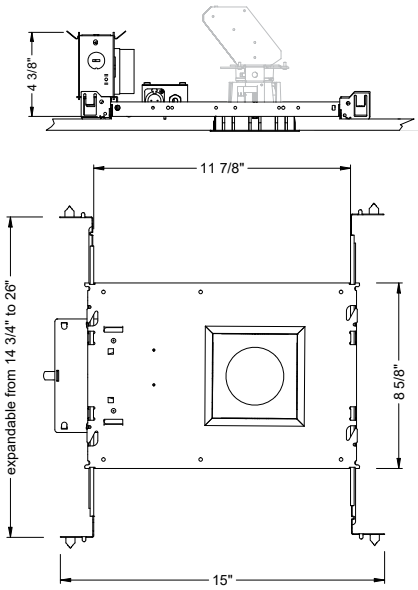
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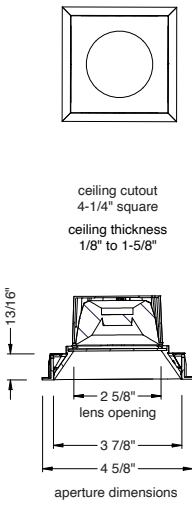
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

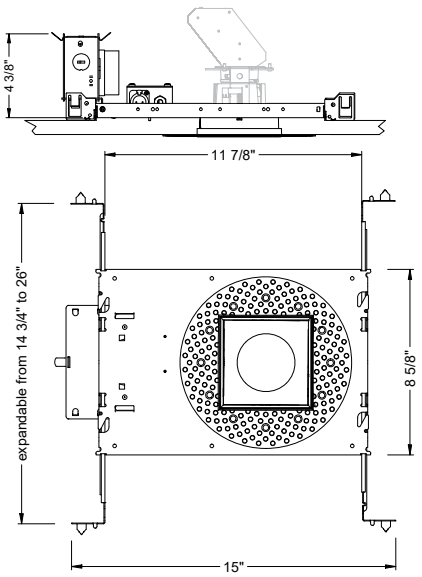
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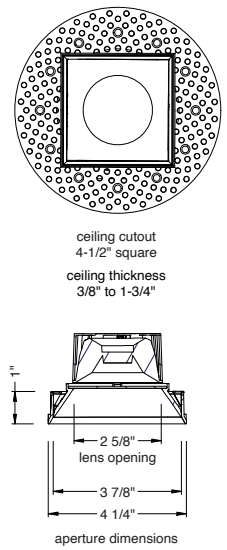
TRIM



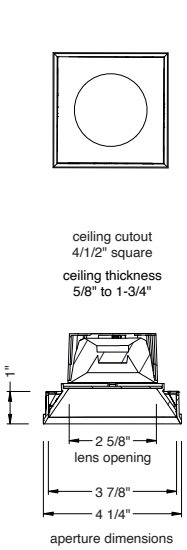
TRIMLESS



TRIMLESS



TRIMLESS/MILLWORK

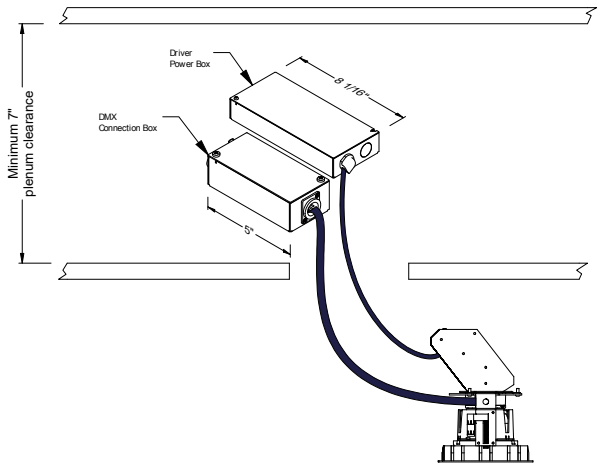


alphabet

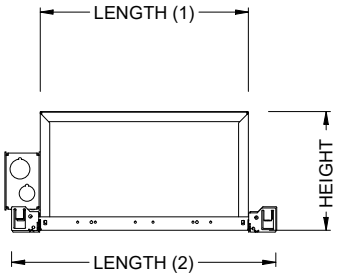
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

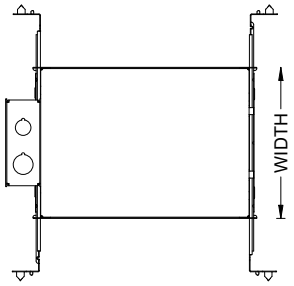
MOUNTING OPTIONS (CONTINUED)

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	✔	✔	✔	✔	✔

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS
TRIM	1/8" to 1-5/8"
TRIMLESS	3/8" to 1-3/4"
MILLWORK (TRIMLESS)	1/2" to 1-3/4"

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (25° - 50°)			
LUMEN OUTPUT	BOX - A		
	CP	IC	ICAT
10LM	✔	✔	✔