

SPECIFICATION DATA

NOTCH 2 (NT1|NT2)

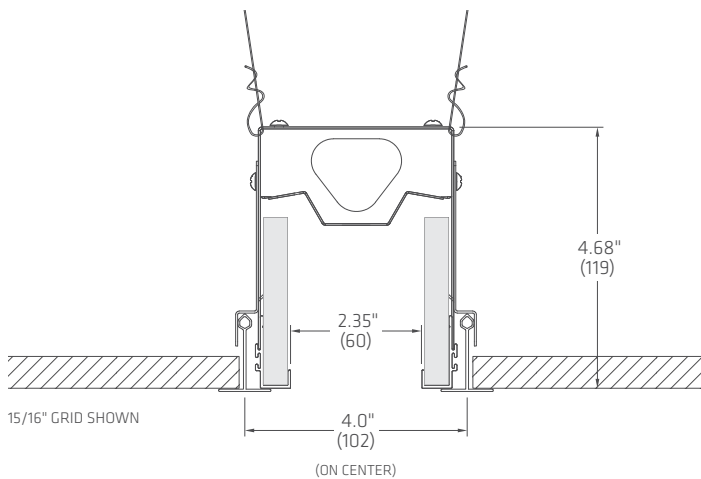
CATALOG

PROJECT

NOTES

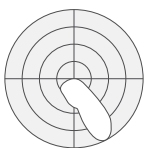
(D2) DRYWALL TRIMLESS WITH (E) DADO ENDCAP OPTION

CROSS SECTION

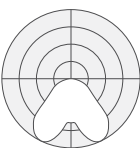


DISTRIBUTIONS

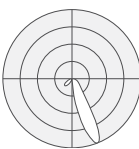
Area Asymmetric
(NT1-A)



Area Symmetric
(NT1-B)



VSI Asymmetric
(NT2-A)



VSI Symmetric
(NT2-B)



PERFORMANCE FOCUS

Area Symmetric, 80 CRI 4000 K (NT1-Bx40)

		Energy (W/ft)	Light (lm/ft)	Efficacy (lm/W)
Symmetric only	A	5 W	475	102
	B	6 W	575	103
	C	7.25 W	700	100
	D	9.5 W	900	98

Color Matching (SDCM)	Lumen Maintenance (hr)	
	L90 per TM21	L70 Estimate
< 2	> 60,000	> 200,000

Nominal values, refer to back pages for full performance data.

FEATURES

- 2-1/3" open aperture design with fully luminous interior. No horizontal lenses or diffusers.
- Anidolic optics provide shielded, precisely controlled optical distributions, for low glare and wide row spacing.
- Up to 12 ft o.c. spacing, delivering 40 fc at less than 0.5 W/ft².
- Length increments of 1' in drywall or 2' in T-grid ceilings.
- Dedicated 'L', 'T' and 'X' corners make it easy to create horizontal and vertical patterns.
- Optional Dado and Capsule drywall endcaps create a unique boundary for the line of light.
- 4" Armstrong TechZone® or 4" USG Logix® T-grid compatible.



SPECIFICATION DATA

NOTCH 2 (NT1|NT2)

ORDER GUIDE

1	2	3	4	5	6	7	8	9	OPTIONS	CONTROLS

1	FAMILY	2	VERSION	3	TRIM / CEILING	4	DISTRIBUTION	5	ENERGY ³
NT1	Notch 2 Area	L	Linear Row (incl. Endcaps)	D1	Drywall – Trim Flange	A	Asymmetric	A	5 W/ft
		R	Joiner Side/Corner	D2	Drywall – Trimless	B	Symmetric	B	6 W/ft
NT2	Notch 2 VSI (Vertical Surface Illumination)	PATTERN ¹		G1	Grid – 9/16" or 15/16" Flat-T 9/16" Tegular or Bolt-Slot			C	7.25 W/ft ⁴
		P0	Square	G1	4" Armstrong TechZone® or 4" USG Logix®			D	9.5 W/ft ^{4,5}
		P1	Rectangle	W2	Wall – Trimless ²	A	Asymmetric	A	5 W/ft
		P2	2 Sides 1 Corner					B	6 W/ft
		P3	3 Sides 2 Corners			B	Symmetric	C	7.25 W/ft
		P4	4 Sides 3 Corners					D	9.5 W/ft
		P5	5 Sides 4 Corners						
¹ Other patterns available, consult Fluxwerx.				² Wall: Notch 2 Area (NT1) only		³ Nominal input power/ft. Add 1W/ft for BP or 347V.			

SPECIFICATION DATA
NOTCH 2 (NT1|NT2)

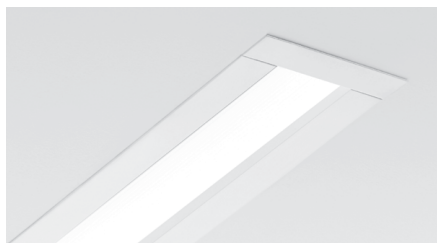
PRODUCT DETAILS



VERTICAL ANIDOLIC OPTIC

CEILINGS & TRIM

DRYWALL TRIM



D1 – DRYWALL TRIM FLANGE

DRYWALL TRIMLESS



D2 – DRYWALL TRIMLESS



E – DADO ENDCAP (OPTIONAL)



P – CAPSULE ENDCAP (OPTIONAL)

GRID



G1 – 9/16" GRID FLAT T



G1 – 15/16" GRID FLAT T



G1 – 9/16" TEGULAR | SLOT GRID

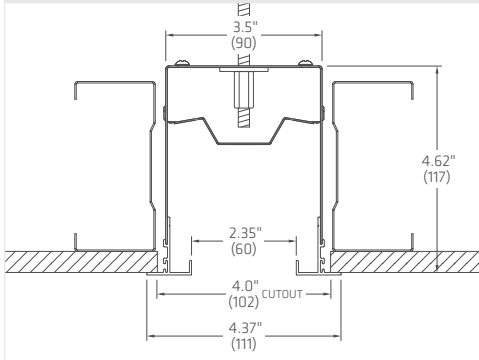
NOTE: Use G1 for 4" Armstrong TechZone[®]
or 4" USC Logix[®]

SPECIFICATION DATA NOTCH 2 (NT1|NT2)

DIMENSIONS

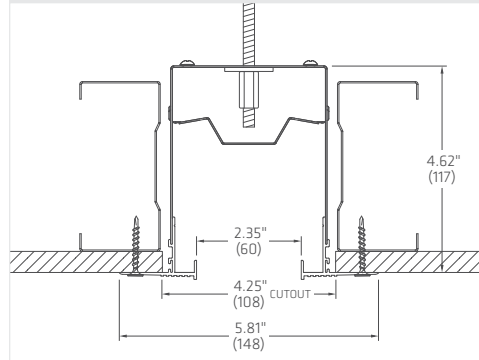
D1

DRYWALL TRIM FLANGE



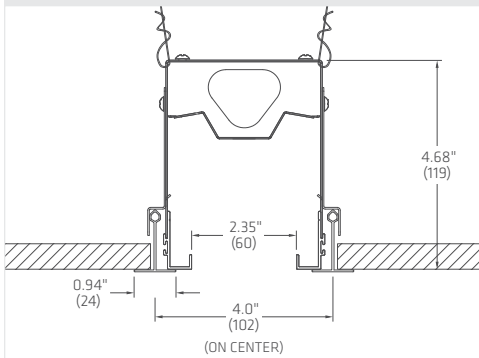
D2

DRYWALL TRIMLESS



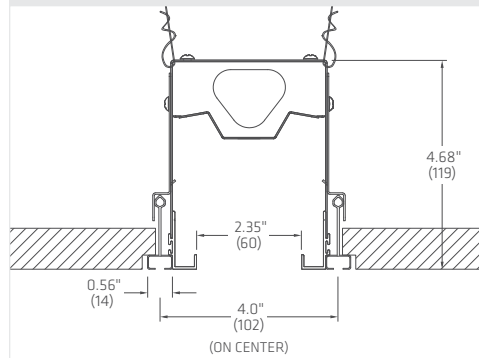
G1

15/16" | 9/16" FLAT GRID



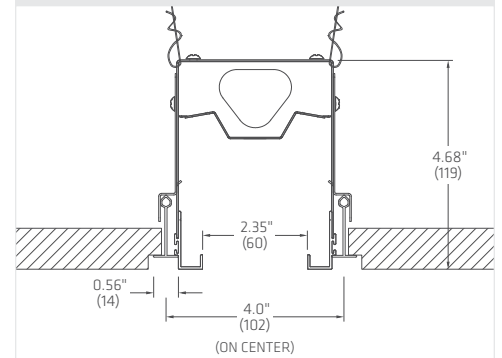
G1

9/16" BOLT SLOT TEGULAR GRID



G1

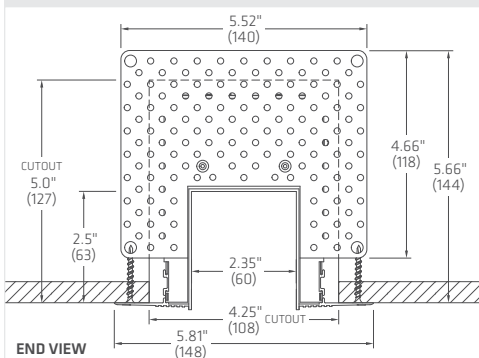
9/16" TEGULAR



Grid (**G1**) is 4" Armstrong TechZone® and 4" USG Logix® T-grid compatible.

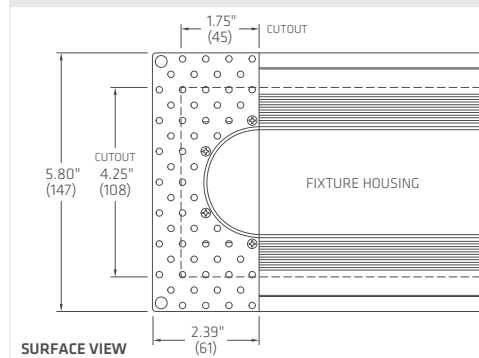
OPTION E

DADO ENDCAP



OPTION P

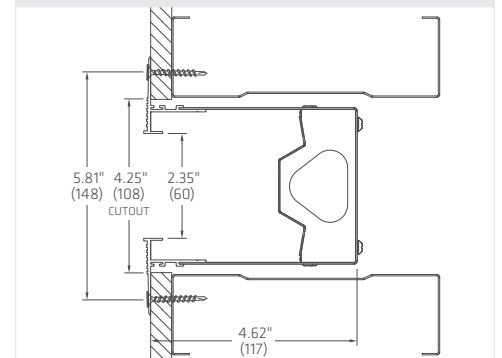
CAPSULE ENDCAP



W2

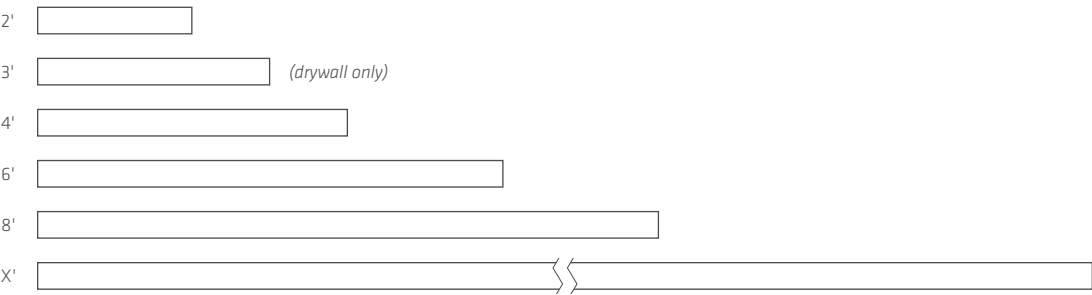
Notch 2 Area (NT1) only.

WALL – DRYWALL TRIMLESS



LINEAR ROWS & FIXTURES

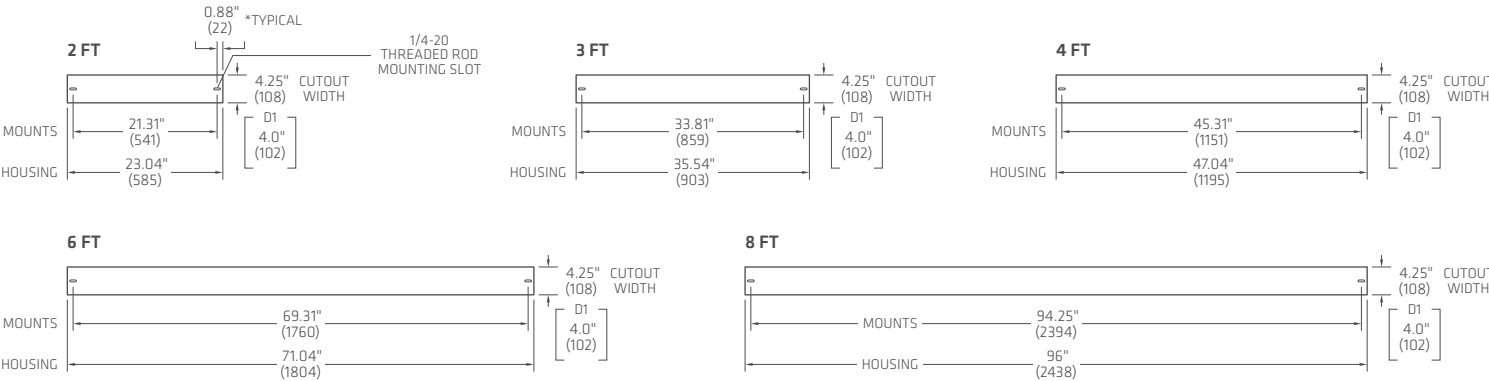
Continuous rows are available in nominal 1' increments in drywall ceilings and in 2' increments on-grid for T-bar ceilings. Standalone fixtures are available in 2', 3', 4', 6', or 8' sizes.



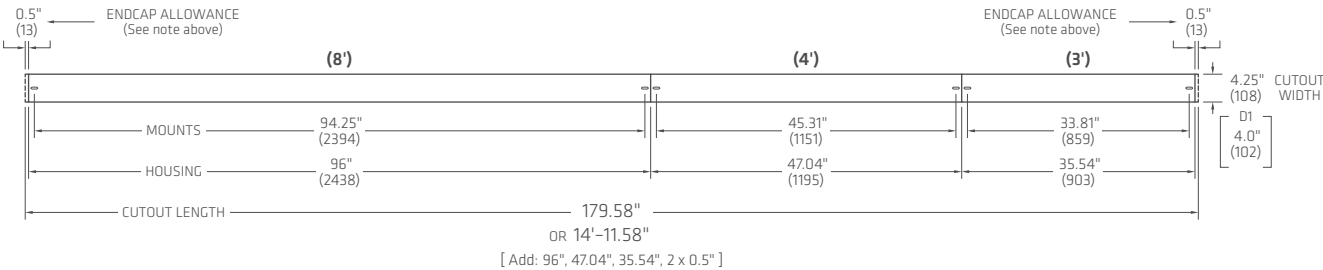
NOTE: Run lengths are nominal and vary with ceiling condition and trim selections.

DRYWALL CUTOUT DIMENSIONS

To determine the overall drywall ceiling cutout length, add an endcap allowance to each end of a straight run, as follows: Standard flat endcap (D1-D4) – 1/2"; Capsule endcap – 1-3/4"; Dado endcap – 3/16".



EXAMPLE OF A DRYWALL CUTOUT FOR A 15' RUN

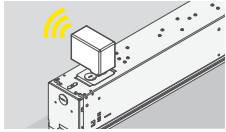


INSTALLATION NOTES

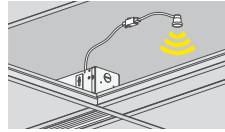
- Cutout dimensions apply to all drywall trim options.
- A minimum depth of 5" above ceiling plane or behind wall plane is required.
- Threaded rod or lag bolt mounting is required for ceiling installations only:
 - Ensure 1/4-20 threaded rod length is cut between 3.25" – 4.25" above finished ceiling plane.
 - 2 threaded rods required for each linear housing.

CONTROLS & SENSORS

LUMINAIRE INTEGRATION



V
Controller,
Enclosure/Plenum Side

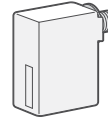


R
Sensor,
Remote/on Ceiling

(N1) Acuity
nLight Wired



nLight wired, digital network.
Model: nPS-80-EZ or nPS-80-EZ-ER
(with **H** – Emergency Switching)

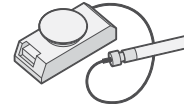


VN1 nLight Wired Controller, Enclosure/Plenum Side

(N2, N3) Acuity
nLight Air



Acuity nLight wireless network interfaces.
Models: r10, rPP20

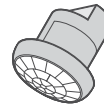


VN3 nLight rPP20 Controller, Enclosure/Plenum Side

(E1) Siemens
Enlighted



Siemens Enlighted wireless smart
sensor-controllers.
Model: SU-5E-CL



RE1 Enlighted Smart Sensor, Remote/on Ceiling

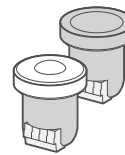
(L1) Lutron
Athena



Lutron Athena wireless smart controllers
& sensors.

Models: A-WN-D01-RF, A-WN-D01-OCC

For YL1 and SL1:
Default Athena color to match fixture/canopy color
Canopy Athena
WH WH
SV BK
BK BK
For VL1 and RL1: default WH



VL1 Athena Controller, Enclosure/Plenum Side

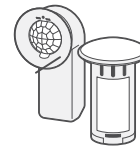
RL1 Athena Sensor, Remote/on Ceiling

(M1) Legrand
Encelium X



Encelium X wireless smart controllers
& sensors.

Models: ZBHA-CLM, EN-CLM-PIR



VM1 X Control Module, Enclosure/Plenum Side

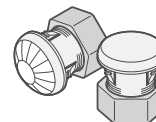
RM1 SensiLUM Sensor, Remote/on Ceiling

(V1) Leviton
Intellect



Leviton Intellect wireless smart controllers
& sensors.

Models: ZL0x0, ZL0xS



VV1 Intellect Controller, Enclosure/Plenum Side

RV1 Intellect Sensor, Remote/on Ceiling

Ask us about...

Wattstopper®

Pass & Seymour®

FATON

DISTECH
CONTROLS

CRESTRON

CASAMBI

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Due to continuous product improvements, specifications and dimensions are subject to change without notice.

Certain options have limited compatibility with some other product selections. Consult www.fluxwerx.com for most current technical information.

SPECIFICATION DATA

NOTCH 2 (NT1|NT2)

NOTES

CONSTRUCTION

- 20 ga. satin coat steel housing
- Extruded aluminum flange options available for drywall trim, trimless and T-bar grid ceilings
- White powdercoat or optional black trim

OPTICAL

- Anidolic optical structures with linear light extraction elements
- Precision extruded high transmittance clear acrylic lenses
- Long life mid-flux LED system designed for typical TM21 lumen maintenance $\geq$ L90 @ 60,000 h
- Available in 3000 K, 3500 K, 4000 K or 2700–6500 K with CRI $\geq$ 80 and R9 $\geq$ 0. Also static white with CRI $\geq$ 90 and R9 $\geq$ 50, all with color accurate binning $\leq$ 2 SDCM

ELECTRICAL

- Integral high efficiency multivolt drivers, for 50–60 Hz 120–277 V or 347 V
- Power Factor > 0.90
- Total Harmonic Distortion $< 20\%$
- Dim level: Standard 3%, optional 1% or 0.1%
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

EMERGENCY

- Optional Battery Pack delivers 10 W Class 2 rated output for 90 min. Use 12 W input energy to estimate emergency flux, typically 1100–1300 lm (@95–105 lm/W).
- Optional GTD (Generator Transfer Switch), 120–277 V, disables 0–10 V control during emergency for full light output

ENVIRONMENTAL & CARE

- Designed for use in dry or damp indoor locations with ambient temperatures of 0–30°C (32–86°F)
- The luminaire may be damaged by chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the area of operation or in cleaning products. Damage from contaminants is not covered under warranty.
- Not suitable for natatorium environments, e.g. swimming pools, hot tubs and saunas.
- Clean only by wiping with a slightly water-damp, soft, clean cloth.

WEIGHT

- Maximum 7 lb/ft (10.4 kg/m) with standard driver
- Maximum 8 lb/ft (11.9 kg/m) with battery pack or 347 V transformer

WARRANTY

- 5 year limited warranty on all components and workmanship

INDEPENDENT TESTING

- IESNA LM79
- IESNA LM80 (LED @ 9,000 or 10,000 h)

APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- IC Rated
- Living Building Challenge (LBC) Declared

Protected by one or more US patents: 10215344, 10830415, 9733411, 9823406, D731700, D780971;
EU patents: 002263020-0001, 002263020-0002, 002263020-0003.

DRIVERS + EMERGENCY

STANDARD DRIVER OPTIONS	
OPTOTRONIC® ADVANCE 	F1 Non-Dim F2 0–10 V Dim 3% F4 Line Voltage Dim 3% (Forward/Reverse) 120 V
eldoLED®	E1 eldoLED ECO 0–10 V Dim 1% E2 eldoLED SOLO 0–10 V Dim 0.1% E3 eldoLED ECO DALI-2 DT6 Dim 1% E4 eldoLED SOLO DALI-2 DT6 Dim 0.1%
	L1 Lutron Hi-Lume 1% EcoSystem (LDE1)

EMERGENCY OPTIONS	
	B Battery Pack Bodine BSL310 (10 W) H Emergency Switching Functional Devices ESRB Emergency Lighting Relay

Driver and emergency selection may be limited by product or version.
For further options, contact Fluxwerx.



SPECIFICATION DATA
NOTCH 2 (NT1|NT2)

FAMILY PERFORMANCE

COLOR

80 CRI	4000 K	3500 K	3000 K
Color Rendering (CRI)	83	83	83
Red Index (R9)	6	6	6
Color Matching (SDCM)	< 2		

90 CRI	4000 K	3500 K	3000 K
Color Rendering (CRI)	92	92	92
Red Index (R9)	63	63	59
Color Matching (SDCM)	< 2		

Typical colorimetry values.

LUMEN MAINTENANCE

	A 5 W	B 6 W	C 7.25 W	D 9.5 W
L90 per TM-21 (hr)	> 60,000			
L70 Estimate (hr)	> 200,000			

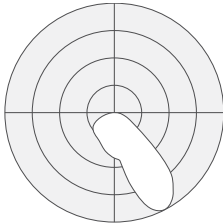
OUTPUT MULTIPLIERS

MULTIPLIER	Applies To	
90 CRI	0.80	All 80 CRI
Battery Pack	0.63	Energy A (5 W/ft)

For 90 CRI, emergency BP, use multipliers to scale published Light (lm), Efficacy (lm/W), Intensity (Cd), Luminance (Cd/m²) and IES files.

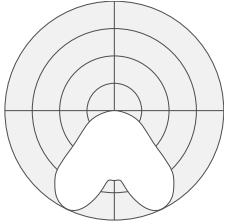
VERSION PERFORMANCE

NT1-A – Area Asymmetric, 80 CRI

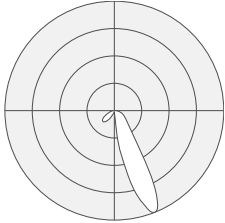
CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/ft)	POWER (W/ft)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	
NT1-Ax40 4000 K	A	5 W	444	4.79	92.8	808	>10,000	 Notch 2 Area Asymmetric
	B	6 W	531	5.83	91.1	966		
NT1-Ax35 3500 K	A	5 W	433	4.79	90.4	788		
	B	6 W	518	5.83	88.8	942		
NT1-Ax30 3000 K	A	5 W	422	4.79	88.1	768		
	B	6 W	504	5.83	86.6	918		

VERSION PERFORMANCE

NT1-B – Area Symmetric, 80 CRI

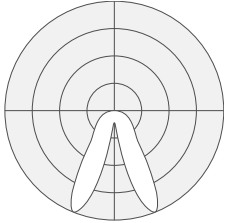
CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/ft)	POWER (W/ft)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	
NT1-Bx40 4000 K	A	5 W	470	4.61	102.0	559	>10,000	 Notch 2 Area Symmetric
	B	6 W	584	5.67	103.0	695		
	C	7.25 W	704	7.02	100.2	837		
	D	9.5 W	918	9.39	97.8	1,092		
NT1-Bx35 3500 K	A	5 W	458	4.61	99.5	545		
	B	6 W	570	5.67	100.4	677		
	C	7.25 W	686	7.02	97.7	816		
	D	9.5 W	895	9.39	95.3	1,064		
NT1-Bx30 3000 K	A	5 W	447	4.61	97.0	531		
	B	6 W	555	5.67	97.9	660		
	C	7.25 W	668	7.02	95.2	795		
	D	9.5 W	872	9.55	91.4	1,037		

NT2-A – VSI Asymmetric, 80 CRI

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/ft)	POWER (W/ft)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	
NT2-Ax40 4000 K	A	5 W	331	4.79	69.1	847	9,912	 Notch 2 VSI Asymmetric
	B	6 W	397	5.92	67.0	1,016	11,882	
NT2-Ax35 3500 K	A	5 W	326	4.79	68.1	835	9,771	
	B	6 W	391	5.92	66.1	1,002	11,715	
NT2-Ax30 3000 K	A	5 W	321	4.79	67.1	824	9,633	
	B	6 W	385	5.92	65.1	987	11,547	

VERSION PERFORMANCE

NT2-B – VSI Symmetric, 80 CRI

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT		ENERGY (NOM.)	LIGHT (lm/ft)	POWER (W/ft)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	
NT2-Bx40 4000 K	C	7.25 W	476	7.04	67.6	694	9,348	
	D	9.5 W	621	9.47	65.6	905	12,190	
NT2-Bx35 3500 K	C	7.25 W	469	7.04	66.6	684	9,215	
	D	9.5 W	612	9.47	64.6	892	12,018	
NT2-Bx30 3000 K	C	7.25 W	463	7.04	65.7	674	9,083	
	D	9.5 W	603	9.45	63.8	879	11,847	

Photometry Reports: 11596156.01 – 12, 11921916.08 – 12

Photometry baseline established with integrating sphere and goniophotometer results from an independent accredited testing laboratory per IES LM-79, ANSI C78.377. Remaining values scaled from baseline data per IES LM-63. Output and power may vary by up to 5%.



SPECIFICATION DATA
NOTCH 2 (NT1|NT2)

DYNAMIC WHITE – SITE CONTROLS INTEGRATION (NT1-B)

Site controllers by others.

CATALOG CODE	CONTROLS PROTOCOL	COLOR CURVE	CONTROLS BRAND	DW COMPONENT DETAILS
WC1	0-10V	Linear	e.g. Leviton, Watt Stopper, Crestron, Pass & Seymour	Requires a Fluxwerx 0-10V Converter per zone – order separately.*
WC2		Log	e.g. Lutron, Cooper Controls	
WD1	DALI-2 DT6	Linear	e.g. Lutron, Crestron	
WD2		Inverse Log	e.g. Distech, Helvar	
WD3	DALI-2 DT8	Internal	e.g. Distech, Lutron, Sunricher, Lunatone	
RE1, VL1, VM1, VV1	Internal	Internal	Enlighted, Athena, Encelium X, Leviton	

* See Fluxwerx Dynamic White Component data sheet

DYNAMIC WHITE PERFORMANCE DATA

NT1-BxW2 – Area Symmetric, 80 CRI

CONFIGURATION			LIGHT & POWER			VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/4ft)	POWER (W/4ft)	EFFICACY (lm/W)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	
6500 K	A	5 W	440	4.71	93.4			Notch 2 Area Symmetric
	B	6 W	543	5.86	92.6			
	C	7.25 W	653	7.35	88.7			
5000 K	A	5 W	428	4.32	99.0			
	B	6 W	530	5.47	97.0			
	C	7.25 W	640	6.81	94.0			
4000 K	A	5 W	428	4.30	99.5			
	B	6 W	530	5.44	97.4			
	C	7.25 W	640	6.77	94.5			
	D	9.5 W	830	9.07	91.5			
3500 K	A	5 W	423	4.37	96.7	502	9,962	
	B	6 W	523	5.53	94.5	621	12,319	
	C	7.25 W	630	6.89	91.5	749	14,853	
3000 K	A	5 W	410	4.53	90.6			
	B	6 W	508	5.73	88.6			
	C	7.25 W	613	7.13	85.9			
	D	9.5 W	795	9.55	83.3			
2700 K	A	5 W	408	4.77	85.4	485	9,607	
	B	6 W	505	5.94	85.1	601	11,907	
	C	7.25 W	610	7.45	81.9	725	14,381	

Photometry Reports: Fluxwerx

Photometry baseline established with integrating sphere and goniophotometer results from an independent accredited testing laboratory per IES LM-79, ANSI C78.377. Remaining values scaled from baseline data per IES LM-63. Output and power may vary by up to 5%.