

NOVA CEILING WALL GRAZER

24VDC REMOTE POWER, TUNABLE WHITE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 03.09.26



Frosted Lens

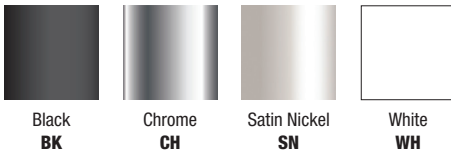
DESCRIPTION

The Nova Ceiling Wall Grazer is a linear LED fixture that produces a grazing effect on textured surfaces using direct light in a clean, contemporary style. Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). **2K6K** is ideal for residential spaces including, dining rooms, bedrooms, living spaces, and bathrooms by allowing the user to achieve a warm glow during the golden hours of the early mornings and evenings. For commercial environments, **27K6** promotes focus and alertness, ideal for offices, healthcare, and education, while still achieving warmer color temperatures best for hospitality and retail environments. Human-Centric lighting, or Tunable White, promotes performance, mood, and overall well-being by fine-tuning the emotional effects that light has on the circadian cycle. Pre-wired for remote power supplies up to 100 Watts. Lengths range from 12" to 240" and can be ordered in various increments in several metal finishes. The Nova Wall Grazer is available with a 20° Beam Spread with an optional Black or White Louver. Remote Power Supplies are required and sold separately. Fixture includes 5 year pro-rated warranty. For Custom designs, layout assistance and quotes, email our design team: design@PureEdgeLighting.com.

INSTALLATION

- Mounts to a Standard Junction Box, pre-wired from 24VDC Remote Power Supply up to 100 Watts (sold separately) at maximum 40' away
- 1/2" long ceiling-mounted standoff is included for drywall applications
- Includes your choice of Canopy, 1" Rectangle Junction Box (1RE), 4.6" Square Canopy (4SQ), T-Bar Clips every 2' (**TBA**, **TBB**, **TBE**, **TBC**, **TBF**, **TBI**, **TBM**) include 2' plenum power feed
- May be recessed in Ceiling, Perimeter, and Cove

FINISHES



LAMPING

- Tunable White: 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- 50,000 Hour Lamp Life

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- Pure Smart™ WIZ Pro [Power Supplies & Controls](#)
- [0-10V](#) Requires two dimmers, one for intensity and one for color temperature
- [DMX & Controls](#)
- [DALI/DALI-2](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

WATTAGES FOR THIS FIXTURE ARE AVAILABLE IN THE FOLLOWING OPTIONS

- 5W - 4.6 watts per foot up to 240" (20')
- 7W - 7.3 watts per foot up to 144" (12')
- 10W - 9.6 watts per foot up to 120" (10')

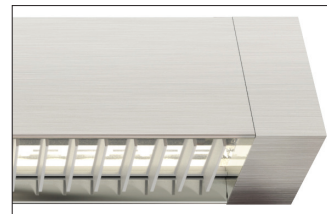
APPLICATIONS

Designed for indoor use only. Ideal applications in commercial, retail, residential, hospitality, education, and healthcare institutions.

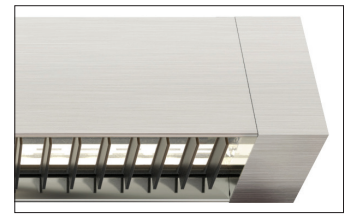
APPROVALS

Damp Location, Class 2 wiring, ETL Listed, RoHS, Assembled in America, Patent Pending

For quick & easy reference, plus the most up-to-date pricing, use our [Nova Wall Grazer Static Tunable White Configurator](#)



Shown with White Louver



Shown with Black Louver

System	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
NCWG	5W	1RE	240	2K6K	SN
NCWG Nova Ceiling Wall Grazer NCWGW Nova Ceiling Wall Grazer with White Louver NCWGB Nova Ceiling Wall Grazer with Black Louver	5W 4.6 watts per foot up to 240" (20') 7W 7.3 watts per foot up to 144" (12') 10W 9.6 watts per foot up to 120" (10')	1RE 1" Rectangle with Junction Box 4SQ 4" Square Split TBA T-Bar Mounting clips, compatible with 15/16" and 9/16" T-Bar systems where the ceiling panels are flush with the grid, and 15/16" tegular ceiling panels TBB T-Bar Mounting clips, compatible with 15/16" and 9/16" T-Bar systems where the ceiling panels sit below T-Bar grid (includes spacer) TBE T-Bar Mounting clips, compatible with Slotted T-Bar Drop Ceiling systems with 1/4" openings, and mounts flush anywhere along the T-Bar grid TBC T-Bar Mounting clips, compatible with Armstrong® Optima® PB Vector 15/16" T-Bar systems with 1/4" reveal ceiling panels TBF T-Bar Mounting clips, compatible with Donn® Fineline® Slotted T-Bar Drop Ceiling systems with 1/8" openings, and mounts flush anywhere along the T-Bar grid TBI T-Bar Mounting clips, compatible with Armstrong Interlude™ T-Bar systems where the ceiling panels are flush with the bottom of the grid TBM T-Bar Magnetic Tape, compatible with flat metal ceilings such as Armstrong® Metalworks™ SE1 6ft Power Lead One End SE2 6ft Power Leads Both Ends	12-240* Order in 3" increments from 36" to 240" *Exact lengths found on length chart (page 3)	2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K	BK Black CH Chrome SN Satin Nickel WH White

NOVA CEILING WALL GRAZER

24VDC REMOTE POWER, TUNABLE WHITE

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Lamp Data: Lamp data for Nova Ceiling Wall Grazer

2K6K - NCWG																											
DESCRIPTION	WALL GRAZER LENS WITHOUT LOUVER																										
WATTS PER FOOT	5w (4.6 watts)									7w (7.3 watts)									10w (9.6 watts)								
COLOR TEMPERATUREI	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	191	199	207	215	223	238	255	258	260	279	291	304	316	341	359	363	367	544	549	579	559	549	549	549	544	549	544
LUMENS PER WATT (lm/w)	42	41	43	45	46	50	53	54	57	44	40	42	44	47	50	50	51	85	47	49	51	55	59	61	63	60	66
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	90+	90+	90+	93+	93+	93+	90+	93+	93+	83+	83+	92+	92+	92+	93+	94+	93+	93+

27K6 - NCWG																					
DESCRIPTION	WALL GRAZER LENS WITHOUT LOUVER																				
WATTS PER FOOT	5w (4.6 watts)							7w (7.3 watts)							10w (9.6 watts)						
COLOR TEMPERATUREI	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	214	219	227	235	232	230	230	288	295	306	317	314	311	310	510	525	540	556	535	529	512
LUMENS PER WATT (lm/w)	53	48	49	51	50	50	57	42	41	43	44	44	43	46	60	55	56	58	56	55	60
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

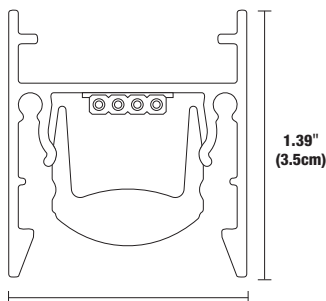
2K6K - NCWGW																											
DESCRIPTION	WALL GRAZER LENS WITH WHITE LOUVER																										
WATTS PER FOOT	5w (4.6 watts)									7w (7.3 watts)									10w (9.6 watts)								
COLOR TEMPERATUREI	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	118	123	128	133	138	147	158	160	161	173	180	188	196	211	223	225	227	337	340	359	346	340	340	340	337	340	337
LUMENS PER WATT (lm/w)	26	26	27	28	29	31	33	33	35	27	25	26	27	29	31	31	32	53	40	37	36	35	35	35	35	40	37
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	90+	90+	90+	93+	93+	93+	90+	93+	93+	83+	83+	92+	92+	92+	93+	93+	93+	93+

27K6 - NCWGW																					
DESCRIPTION	WALL GRAZER LENS WITH WHITE LOUVER																				
WATTS PER FOOT	5w (4.6 watts)							7w (7.3 watts)							10w (9.6 watts)						
COLOR TEMPERATUREI	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	132	135	140	145	144	143	142	179	183	190	196	194	193	192	316	325	335	344	331	327	317
LUMENS PER WATT (lm/w)	33	29	31	32	31	31	36	26	25	26	27	27	27	28	37	34	35	36	34	34	37
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

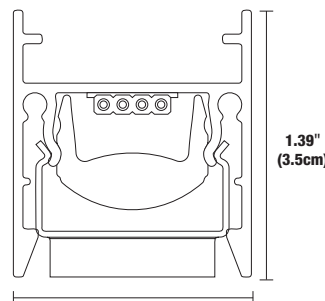
2K6K - NCWGB																											
DESCRIPTION	WALL GRAZER LENS WITH BLACK LOUVER																										
WATTS PER FOOT	5w (4.6 watts)									7w (7.3 watts)									10w (9.6 watts)								
COLOR TEMPERATUREI	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	85	88	92	95	98	105	113	114	115	123	129	134	140	151	159	161	162	240	243	256	247	243	243	243	240	243	240
LUMENS PER WATT (lm/w)	18	18	19	20	21	22	24	24	25	19	18	19	19	21	22	22	23	38	29	27	26	25	25	25	25	25	28
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	90+	90+	90+	93+	93+	93+	90+	93+	93+	83+	83+	92+	92+	92+	93+	93+	93+	93+

27K6 - NCWGB																					
DESCRIPTION	WALL GRAZER LENS WITH BLACK LOUVER																				
WATTS PER FOOT	5w (4.6 watts)							7w (7.3 watts)							10w (9.6 watts)						
COLOR TEMPERATUREI	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	94	97	100	104	103	102	102	128	130	135	140	139	138	137	226	232	239	246	236	234	226
LUMENS PER WATT (lm/w)	24	21	22	23	22	22	25	19	18	19	19	19	19	20	27	24	25	26	25	24	27
CRI	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

30K 20° 10W CLEAR LENS		
DISTANCE	BEAM	FOOT CANDLE
12in	2in	890 FC
18in	3in	382 FC
24in	4in	214 FC
36in	6in	136 FC



Channel Without Louver



Channel With Louver

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LENGTH CHARTS Actual lengths for Nova Ceiling Wall Grazer

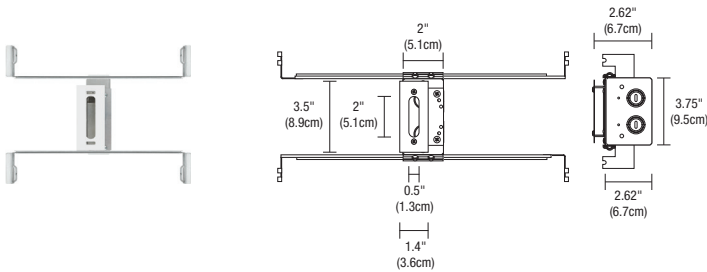
2K6K & 27K6					
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	CHROME ACTUAL LENGTH (INCHES)	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	CHROME ACTUAL LENGTH (INCHES)
12	13	13	128	128.6	128.6
15	15.4	15.4	130	131	131
17	17.8	17.8	132	133.4	133.4
20	20.2	20.2	135	135.8	135.8
22	22.6	22.6	137	138.2	138.2
24	25	25	140	140.6	140.6
27	27.4	27.4	142	143	143
29	29.8	29.8	144**	145.4	145.4
32	32.2	32.2	147	147.8	147.8
34	34.6	34.6	149	150.2	150.2
36	37	37	152	152.6	152.6
39	39.4	39.4	154	155	155
41	41.8	41.8	156	157.4	157.4
44	44.2	44.2	159	159.8	159.8
46	46.6	46.6	161	162.2	162.2
48	49	49	164	164.6	164.6
51	51.4	51.4	166	167	167
53	53.8	53.8	168	169.4	169.4
56	56.2	56.2	171	171.8	172.2
58	58.6	58.6	173	174.2	174.6
60	61	61	176	176.6	177
63	63.4	63.4	178	179	179.4
65	65.8	65.8	180	181.4	181.8
68	68.2	68.2	183	183.8	184.2
70	70.6	70.6	185	186.2	186.6
72	73	73	188	188.6	189
75	75.4	75.4	190	191	191.4
77	77.8	77.8	192	193.4	193.8
80	80.2	80.2	195	195.8	196.2
82	82.6	82.6	197	198.2	198.6
84	85	85	200	200.6	201
87	87.4	87.8	202	203	203.4
89	89.8	90.2	204	205.4	205.8
92	92.2	92.6	207	207.8	208.2
94	94.6	95	209	210.2	210.6
96	97	97.4	212	212.6	213
99	99.4	99.8	214	215	215.4
101	101.8	102.2	216	217.4	217.8
104	104.2	104.6	219	219.8	220.2
106	106.6	107	221	222.2	222.6
108	109	109.4	224	224.6	225
111	111.4	111.8	226	227	227.4
113	113.8	114.2	228	229.4	229.8
116	116.2	116.6	231	231.8	232.2
118	118.6	119	233	234.2	234.6
120*	121	121.4	236	236.6	237
123	123.8	123.8	238	239	239.4
125	126.2	126.2	240	241.4	241.8

*Maximum Length for 10W **Maximum Length for 7W

NOVA CEILING WALL GRAZER

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COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement

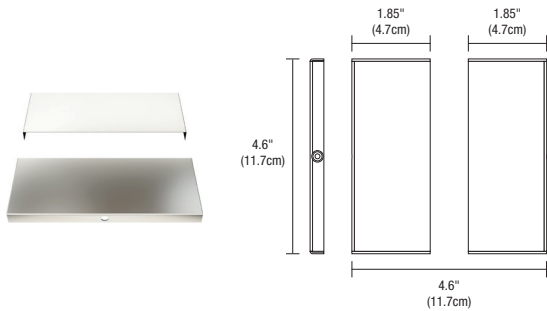


1" RECTANGLE CANOPY & J-BOX

(INCLUDED WITH 1R SELECTED IN FIXTURE ORDERING CODE)

The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from Remote Power Supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Includes a Goof Plate, for poor plastering around J-box.

System	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box

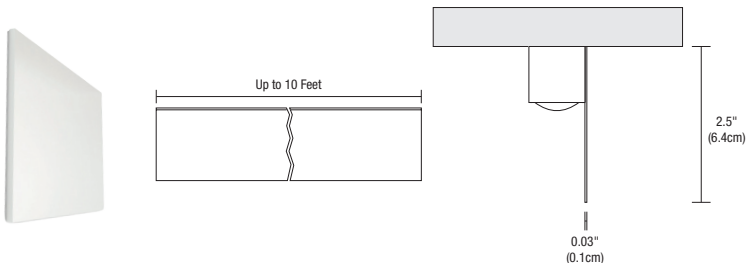


4" SQUARE SPLIT CANOPY

(INCLUDED WITH 4S SELECTED IN FIXTURE ORDERING CODE)

The 4" Square Canopy fits on a standard 4" electrical box with round plaster ring. It fits flush along channel while covering Junction Box. The Canopy may float anywhere along the channel and comes in six finishes.

System	Canopy	Finish
CC	4SQ	SN
CC Cirrus Ceiling	4SQ 4.6" Split Square	BK Black BZ Antique Bronze CH Chrome SB Satin Brass SN Satin Nickel WH White



SHIELD

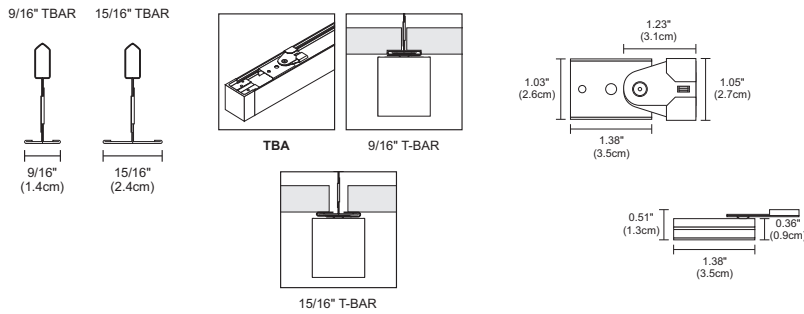
The Channel Shield mounts to the ceiling along the Wall Wash or Wall Grazer fixtures (with C-1RE-JBOX only) to shield light brightness from view.

System	Product	Length	Finish
C	2.5	10FT	WH
C Channel	2.5 Shield 2.5" Height	10FT 10'	WH White

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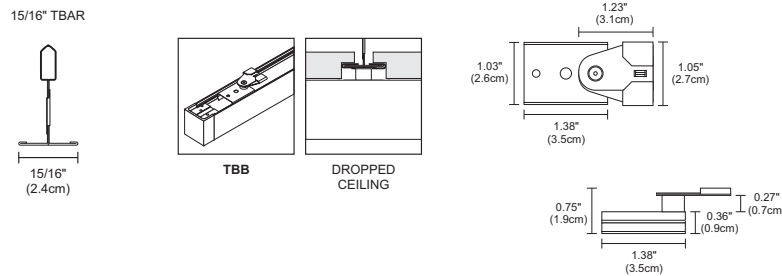
T-Bar Mounting Options for Nova Channels



CEILING MOUNTING T-BAR CLIPS FOR 15/16" AND 9/16" CEILING GRID

TBA mounting clips are compatible with 15/16" and 9/16" T-Bar systems where the ceiling panels are flush with the grid, and 15/16" tegular ceiling panels.

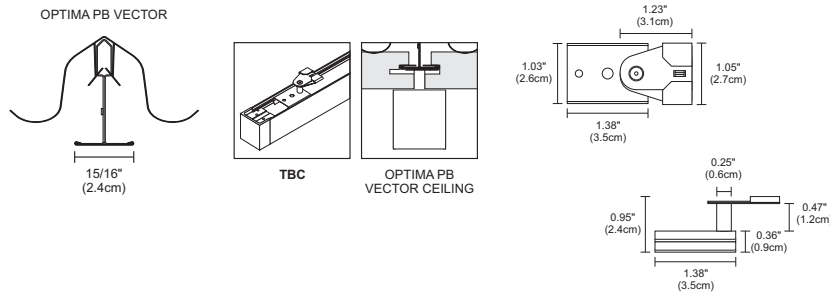
System	Component	Type	Finish
NC	MCL	TBA	WH
NC Nova Ceiling	MCL Mounting Clip	TBA T-Bar Clip	WH White BK Black



CEILING MOUNTING T-BAR CLIPS FOR 15/16" AND 9/16" CEILING GRID

TBB mounting clips are compatible with 15/16" and 9/16" T-Bar systems where the ceiling panels sit below T-Bar grid (includes spacer).

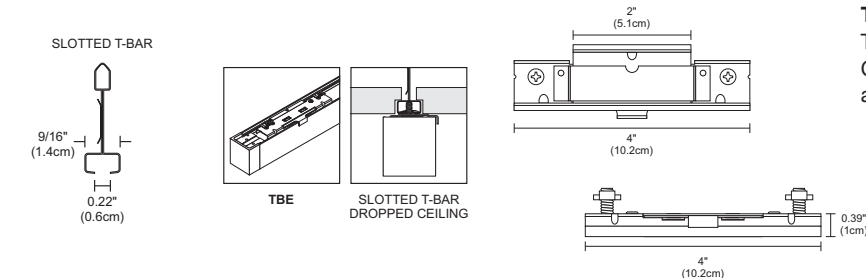
System	Component	Type	Finish
NC	MCL	TBB	WH
NC Nova Ceiling	MCL Mounting Clip	TBB T-Bar Clip	WH White BK Black



T-BAR CLIP FOR ARMSTRONG® OPTIMA® PB VECTOR

TBC Mounting clips are compatible with Armstrong® Optima® PB Vector 15/16" T-Bar systems with 1/4" reveal ceiling panels.

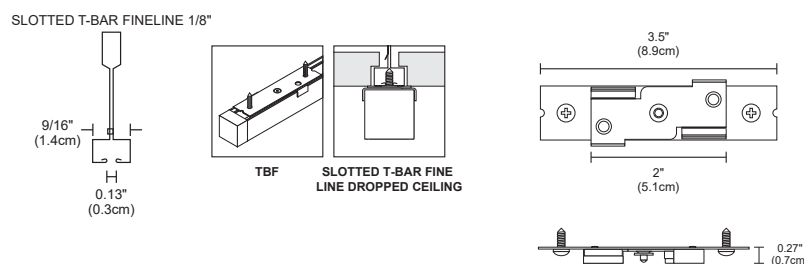
System	Component	Type	Finish
NC	MCL	TBC	WH
NC Nova Ceiling	MCL Mounting Clip	TBC T-Bar Clip	WH White BK Black



T-BAR SLOT MOUNTING CLIP

TBE Mounting clips are compatible with Slotted T-Bar Drop Ceiling systems with 1/4" openings, and mounts flush anywhere along the T-Bar grid.

System	Component	Type	Finish
NC	MCL	TBE	WH
NC Nova Ceiling	MCL Mounting Clip	TBE T-Bar Clip	WH White BK Black



T-BAR FINELINE® SLOT MOUNTING CLIP

TBF Mounting clips are compatible with Donn® Finline® Slotted T-Bar Drop Ceiling systems with 1/8" openings, and mounts flush anywhere along the T-Bar grid.

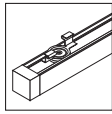
System	Component	Type	Finish
NC	MCL	TBF	WH
NC Nova Ceiling	MCL Mounting Clip	TBF T-Bar Clip	WH White BK Black

NOVA CEILING WALL GRAZER

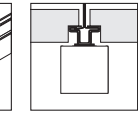
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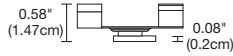
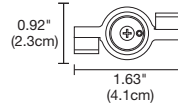
ARMSTRONG®
INTERLUDE XL HRC



TBI



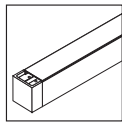
ARMSTRONG
INTERLUDE™ T-BAR,
NOVA BELOW
DROP CEILING TILES



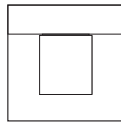
T-BAR INTERLUDE CLIP

TBI Mounting clips are compatible with Armstrong Interlude™ T-Bar systems where the ceiling panels are flush with the bottom of the grid.

System	Component	Type	Finish
NC	MCL	TBI	WH
NC Nova Ceiling	MCL Mounting Clip	TBI T-Bar Clip	WH White BK Black



TBM



METAL CEILINGS
ARMSTRONG
METALWORKS™

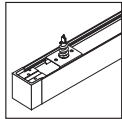


MAGNETIC TAPE

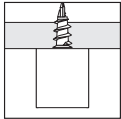
TBM Magnetic Tape is compatible with flat metal ceilings such as Armstrong® Metalworks™.

System	Component	Type	Finish
NC	MCL	TBM	WH
NC Nova Ceiling	MCL Mounting Clip	TBM T-Bar Magnetic Tape	WH White BK Black

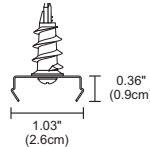
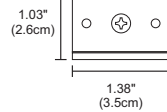
Drywall Mounting Options for Nova Channels



NC-MCL



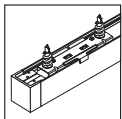
DRYWALL CEILING



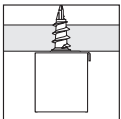
CEILING MOUNTING SPRING CLIP

Ceiling Mounting Spring clips are provided with every 2ft of Nova Ceiling Channel. The Clip snaps into the channel, staying securely fastened to the ceiling or wall.

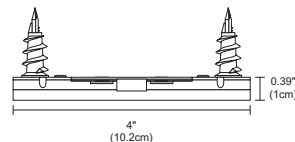
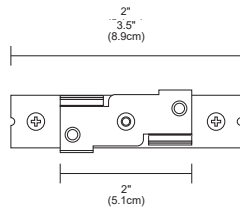
System	Component
NC	MCL
NC Nova Ceiling	MCL Mounting Clip



NC-MCL-L



DRYWALL CEILING



CEILING MOUNTING LOCKING CLIP

Ceiling Mounting Locking Clips may be ordered separately for extra support. The channel slides into the clip and locks in place staying securely fastened to the ceiling or to the wall.

System	Component	Type
NC	MCL	L
NC Nova Ceiling	MCL Mounting Clip	L Locking

TM30 DATA

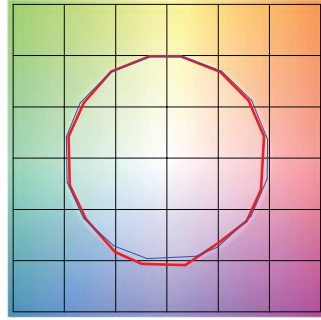
24VDC REMOTE POWER, TUNABLE WHITE

REV 03.09.26

TM-30-15 DATA: The data below is for Tunable White bare LED Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2000K ONLY (2K6K/27K6) | Rf: 90.6 | Rg: 98.5

Color Vector Graphic

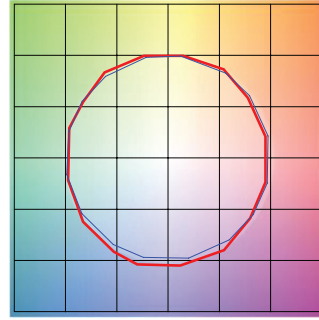


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.5%	1.2%
2	88.7	-3.9%	4.2%
3	90.5	-1.5%	4.3%
4	95.0	-1.7%	0.8%
5	95.2	-0.2%	2.1%
6	94.2	1.6%	1.9%
7	95.9	-0.8%	-2.2%
8	95.5	-1.7%	1.3%
9	93.8	-1.4	2.6%
10	91.9	-0.7%	4.2%
11	91.3	3.6%	3.7%
12	91.2	4.2%	-1.0%
13	86.6	3.8%	-12.7%
14	67.2	-3.0%	-16.3%
15	84.9	-3.3%	-9.4%
16	84.2	-5.7%	-7.5%

3000K (2K6K/27K6) | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

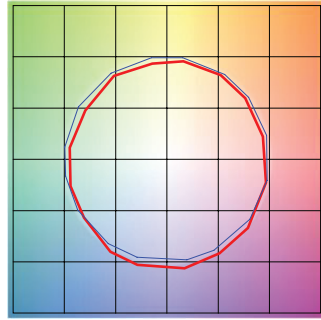


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	91.5	-3.5%	1.2%
2	92.4	-1.8%	2.7%
3	89.8	0.3%	4.5%
4	92.4	-1.7%	0.4%
5	93.3	-0.1%	1.4%
6	94.5	2.1%	-0.6%
7	91.0	-2.5%	0.3%
8	96.9	-0.8%	-0.2%
9	91.6	-0.9%	4.6%
10	86.7	0.7%	7.8%
11	86.3	3.8%	8.5%
12	88.3	6.1%	0.6%
13	90.9	3.1%	-5.2%
14	87.3	4.7%	-7.9%
15	92.1	-1.9%	-2.5%
16	84.5	-0.9%	-10.9%

4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1

Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	86.5	-5.5%	1.3%
2	90.4	-3.0%	2.3%
3	89.8	-2.1%	3.6%
4	89.1	-3.4%	0.4%
5	88.5	-5.9%	0.1%
6	93.6	-3.0%	-0.4%
7	88.9	-6.2%	1.7%
8	87.3	-5.0%	4.9%
9	82.4	-3.6%	11.3%
10	77.4	-1.8%	12.7%
11	79.8	4.9%	11.4%
12	88.7	4.4%	2.7%
13	88.7	4.0%	-5.1%
14	91.2	2.2%	-3.8%
15	82.7	-0.1%	-9.2%
16	82.8	-2.2%	-7.6%