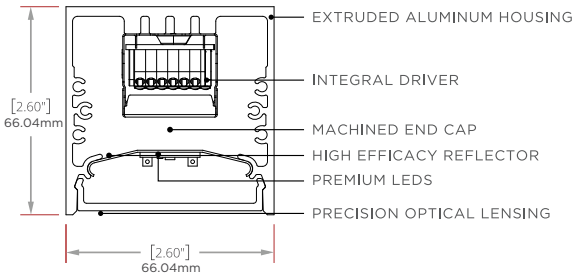


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PERFORMANCE

STATIC WHITE | FLOOD DIRECT

POWER LEVELS	LIGHT DIRECT LM/4FT	TOTAL LIGHT LM/4FT	ENERGY WATTS/4FT	EFFICACY LPW	CCT/CRI
VL	2115	2115	16	132	4000/80
L	2964	2964	24	124	4000/80
S	3925	3925	32	123	4000/80
H	4722	4722	40	118	4000/80
VH	5696	5696	48	119	4000/80



CCT MULTIPLIERS STATIC WHITE

CCT	2700K		3000K		3500K		4000K		5000K	
CRI	80	90	80	90	80	90	80	90	80	90
MULTIPLIER	0.93	0.79	0.96	0.82	0.97	0.85	1	0.89	1.01	0.89

FEATURES:

- PRECISION OPTICAL LENSING OPTIONS OR HIGH TRANSMISSION FROSTED LENSING
- 1% DIMMING DRIVERS STANDARD
- ADJUSTABLE AIRCRAFT CABLE SUSPENSION SYSTEM
- EXTRUDED ALUMINUM HOUSING WITH NO VISIBLE FASTENERS
- MACHINED ALUMINUM END CAPS WITH EASY ACCESS REMOVAL
- 360 DEGREE ROTATION OPTION WITH MECHANICAL LOCKING

NOTE: ALL ITALICIZED OPTIONS MAY INCREASE LEAD TIME. PLEASE CONSULT FACTORY WITH QUESTIONS.

FIXTURE MODEL	MOUNTING	NOMINAL LENGTH (FT)	CCT/CRI	DIRECT POWER LEVEL ¹	DIRECT BEAM DISTRIBUTION ¹	INDIRECT POWER LEVEL ¹	INDIRECT BEAM DISTRIBUTION ¹	DRIVER
N2 Nitrogen 2	CSD Cable Suspended Direct Only CSI Cable Suspended Indirect CSR Cable Suspended Rotational	2 3 4 5 6 7 8 CR ^{1,2} Continuous Run (Specify Length in Nominal Feet)	827 830 835 840 850 927 930 935 940 950 <i>TW2765</i> <i>WD1827</i> <i>RGBW¹</i>	VL Very low L Low S Standard H High VH Very High	G Graze N Narrow Flood F Flood W Wall Wash A Aisle	VL Very low L Low S Standard H High VH Very High	F Flood	1D 0-10V EldoLED 1% <i>01D</i> 0-10V EldoLED 0.1% <i>LDE1</i> Lutron Ecosystem 1% <i>LDE5</i> Lutron Ecosystem 5% <i>1DT</i> (TW) ² <i>1DW</i> (WD) ² <i>DMX8</i> Standard 8 bit (RGBW) ¹ <i>DMX16</i> Optional 16 bit (RGBW) ¹ <i>DALI</i> (INTL) <i>IWS</i> (Sensor Fixtures) ³
		1. Power Feed is always at the first section in a continuous run 2. Rotational mounting w/CR will have a power feed for every section	1. Pair only w/ power level(s) = S, beams = F	1. Select only 'Direct' attributes for CSR & CSD mountings		1. Select only 'Indirect' attributes for CSI mounting		1. Driver must reside in remote housing 2. 0-10V input - CHOOSE DALI instead for INTL versions 3. Integrated Sensor options pair with IWS driver only

HOUSING FINISH	END CAPS FINISH ¹	CANOPY SIZE	CANOPY FINISH	POWER CORD	CABLE LENGTH	OPTIONS ⁵
SC Satin Clear Anodize SW Satin White Powder Coat MB Matte Black Powder Coat CF Custom Finish (Consult Factory)	MF Machined Finish SW Satin White MB Matte Black CF Custom Finish (Consult Factory)	44 4" Power feed canopy 4" Non-power feed canopy 44E 4" Power feed canopy 4" Non-power feed canopy - International 40 4" Power feed canopy Canopy only at power feed 40E 4" Power feed canopy Canopy only at power feed - International 41 4" Power feed canopy 1" Non-power feed canopy 41E 4" Power feed canopy 1" Non-power feed canopy - International	MF Machine Finish SW Satin White MB Matte Black CF Custom Finish (Consult Factory)	W White B Black G Gray ¹	4 4' 8 8'	EMB7 ^{1,3,4,5,6} 7 Watt battery back-up (Approximately 600 lumens) EMB12 ^{1,3,4,5,6} 12 Watt battery back-up (Approximately 1000 lumens) EMW ^{1,2} Emergency Circuit Wiring <i>WSN</i> ⁶ WSN nLight sensor* <i>WSE</i> ⁶ WSE Englighted Sensor* <i>WSW</i> ⁶ WSW Wavelinx Sensor* <i>WSL</i> ⁶ WSL Lutron Vive Sensor*
	1. CSR rotational hardware finish matches end cap finish selection			1. Not available for INTL		1. EMB/EMW only linked to first section of continuous run 2. EMW not available for 2ft/3ft lengths 3. EMB7 & EMB12 - 5ft lengths and up 4. CSI mounting not compatible with EMB 5. EMB not available for combined 8FT length & VH power 6. Factory EMB and Sensor (WS*) options not avail for INTL

GENERAL NOTES:

All fixtures are UL listed for dry and damp locations. Fixtures with International (E) option designation are CE and ROHS compliant. INTEGRAL DRIVER for all options. Please contact the factory with any specification questions.



FIXTURE ORIENTATION

Direct (CSD) for downlight applications
 Indirect (CSI) for up light applications
 Rotational (CSR) for adjustable applications: 360 degree rotational capacity with locking mechanism.

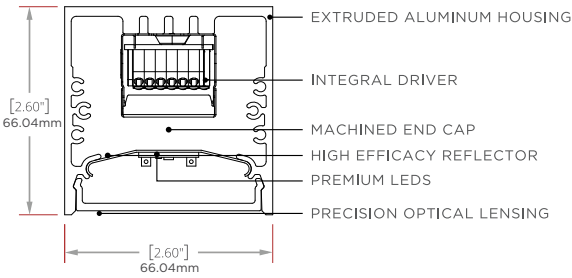
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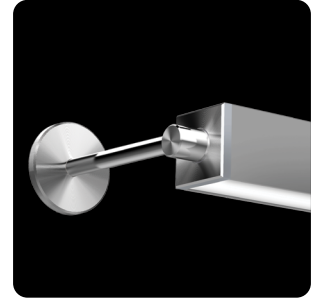
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FEATURES:

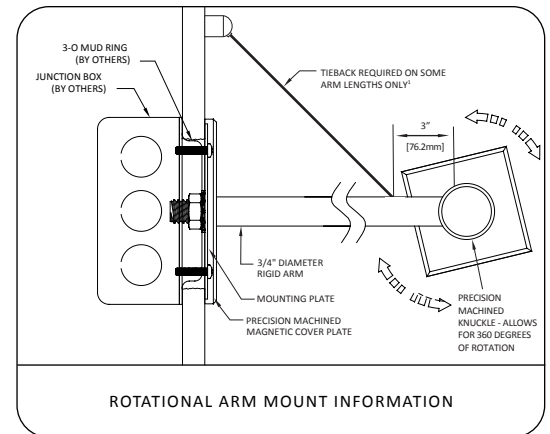
- 3/4" DIAMETER RIGID TUBE MOUNTING SYSTEM
- PRECISION OPTICAL LENSING OPTIONS OR HIGH TRANSMISSION FROSTED LENSING
- 1% DIMMING DRIVERS STANDARD
- EXTRUDED ALUMINUM HOUSING WITH NO VISIBLE FASTENERS
- MACHINED ALUMINUM END CAPS WITH EASY ACCESS REMOVAL
- 360 DEGREE ROTATION OPTION WITH MECHANICAL LOCKING



NOTE: ALL ITALICIZED OPTIONS MAY INCREASE LEAD TIME. PLEASE CONSULT FACTORY WITH QUESTIONS.

FIXTURE MODEL	MOUNTING	NOMINAL LENGTH (FT)	CCT/CRI	DIRECT POWER LEVEL	DIRECT BEAM DISTRIBUTION	DRIVER	HOUSING FINISH
N2 Nitrogen 2	RAM Rotational Arm Mount <i>RAME</i> Rotational Arm Mount - International	2 3 4 5 6 7 8 CR^{1,2} Continuous Run (Specify Length in Nominal Feet)	827 830 835 840 850 927 930 935 940 950 <i>TW2765</i> <i>WD1827</i> <i>RGBW¹</i>	VL Very low L Low S Standard H High VH Very High	G Graze N Narrow F Flood W Wall Wash A Aisle	1D 0-10V EldoLED 1% <i>01D</i> 0-10V EldoLED 0.1% <i>LDE1</i> Lutron Ecosystem 1% <i>LDE5</i> Lutron Ecosystem 5% <i>1DT</i> (TW) ² <i>1DW</i> (WD) ² <i>DMX8</i> Standard 8 bit (RGBW) ¹ <i>DMX16</i> Optional 16 bit (RGBW) ¹ <i>DALI</i> (INTL) <i>TWS</i> (Sensor Fixtures) ³	SC Satin Clear Anodize SW Satin White Powder Coat MB Matte Black Powder Coat CF Custom Finish (Consult Factory)
		1. Power feed is always at the first section in a continuous run 2. Rotational mounting w/ CR will have a power feed for every section	1. Pair only w/ power level(s) = S, beams = F			1. Driver must reside in remote housing 2. 0-10V input - CHOOSE DALI instead for INTL versions 3. Integrated Sensor options pair with TWS driver only	

END CAPS & RAM HARDWARE FINISH	ARM LENGTH NOM (IN)	MOUNTING PLATE	OPTIONS ⁶
MF Machined Finish SW Satin White MB Matte Black <i>CF</i> Custom Finish (Consult Factory)	3 6 ¹ 9 ¹ 12 ¹	4CPF	EMB7^{1,3,5,6} 7 Watt battery back-up (Approximately 600 lumens) EMB12^{1,3,5,6} 12 Watt battery back-up (Approximately 1000 lumens) EMW^{1,2} Emergency Circuit Wiring <i>WSN⁶</i> WSN nLight sensor <i>WSE⁵</i> WSE Enlighted Sensor <i>WSW⁶</i> WSW Wavelength Sensor <i>WSL⁶</i> WSL Lutron Vive Sensor
	1. Includes Mounting Tieback		1. EMB/EMW only linked to first section of continuous run 2. EMW not available for 2ft/3ft lengths 3. EMB7 & EMB12 - 5ft lengths and up 5. EMB not available for combined 8ft length & VH power 6. Factory EMB and Sensor (WS*) options not avail for INTL

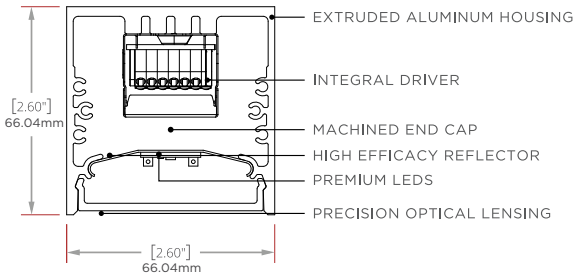


GENERAL NOTES:

All fixtures are UL listed for dry and damp locations. Fixtures with International (E) option designation are CE and ROHS compliant. INTEGRAL DRIVER for all options. Please contact the factory with any specification questions.

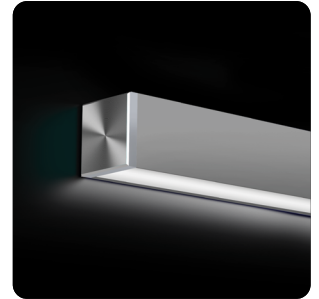


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FEATURES:

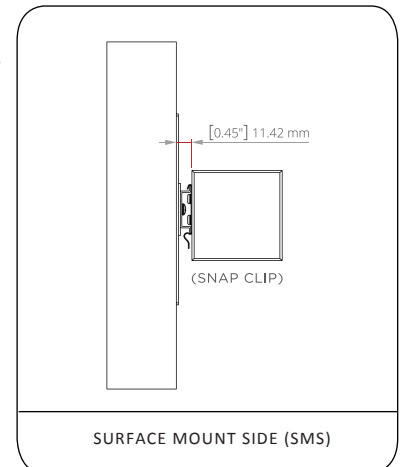
- WALL MOUNTING SYSTEM
- PRECISION OPTICAL LENSING OPTIONS OR HIGH TRANSMISSION FROSTED LENSING
- 1% DIMMING DRIVERS STANDARD
- PRE LOCATED FIXTURE HARDWARE FOR EASY SURFACE INSTALL
- EXTRUDED ALUMINUM HOUSING WITH NO VISIBLE FASTENERS
- MACHINED ALUMINUM END CAPS WITH EASY ACCESS REMOVAL



NOTE: ALL ITALICIZED OPTIONS MAY INCREASE LEAD TIME. PLEASE CONSULT FACTORY WITH QUESTIONS.

FIXTURE MODEL	MOUNTING	NOMINAL LENGTH (FT)	CCT/CRI	DIRECT POWER LEVEL	DIRECT BEAM DISTRIBUTION	DRIVER	HOUSING FINISH
N2 Nitrogen 2	SMS Surface Mount Side SMSE Surface Mount Side - International	2 3 4 5 6 7 8 CR ¹ Continuous Run (Specify Length in Nominal Feet)	827 830 835 840 850 927 930 935 940 950 <i>TW2765</i> <i>WD1827</i> <i>RGBW</i> ¹	VL Very low L Low S Standard H High VH Very High	G Graze N Narrow F Flood W Wall Wash A Aisle	1D 0-10V EldoLED 1% 01D 0-10V EldoLED 0.1% LDE1 Lutron Ecosystem 1% LDE5 Lutron Ecosystem 5% 1DT (TW) ² 1DW (WD) ² DMX8 Standard 8 bit (RGBW) ¹ DMX16 Optional 16 bit (RGBW) ¹ DALI (INTL) TWS (Sensor Fixtures) ³ <small>1. Driver must reside in remote housing 2. 0-10V input - CHOOSE DALI instead for INTL versions 3. Integrated Sensor options pair with TWS driver only</small>	SC Satin Clear Anodize SW Satin White Powder Coat MB Matte Black Powder Coat CF Custom Finish (Consult Factory)

END CAPS FINISH	OPTIONS ⁶
MF Machined Finish SW Satin White MB Matte Black CF Custom Finish (Consult Factory)	EMB7 ^{1,3,5} 7 Watt battery back-up (Approximately 600 lumens) EMB12 ^{1,3,5} 12 Watt battery back-up (Approximately 1000 lumens) EMW ^{1,2} Emergency Circuit Wiring <i>WSN</i> WSN nLight sensor* <i>WSE</i> WSE Enlighted Sensor* <i>WSW</i> WSW Wavelinx Sensor* <i>WSL</i> WSL Lutron Vive Sensor* <small>1. EMB/EMW only linked to first section of continuous run 2. EMW not available for 2ft/3ft lengths 3. EMB7 & EMB12 - 5ft lengths and up 5. EMB not available for combined 8FT length & VH power 6. Factory EMB and Sensor (WS*) options not avail for INTL</small>



GENERAL NOTES:

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DATE	PROJECT	FIRM	TYPE
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DIRECT

STATIC WHITE | FLOOD DIRECT

POWER LEVELS	LIGHT DIRECT LM/4FT	TOTAL LIGHT LM/4FT	ENERGY WATTS/4FT	EFFICACY LPW	CCT/CRI	CCT MULTIPLIERS, STATIC WH		
						CCT	80CRI	90CRI
VL	2115	2115	16	132	4000/80	2700K	0.93	0.79
L	2964	2964	24	124	4000/80	3000K	0.96	0.82
S	3925	3925	32	123	4000/80	3500K	0.97	0.85
H	4722	4722	40	118	4000/80	4000K	1.00	0.89
VH	5696	5696	48	119	4000/80	5000K	1.01	0.89

DYNAMIC WHITE | FLOOD DIRECT

POWER LEVELS	LIGHT DIRECT LM/4FT	TOTAL LIGHT LM/4FT	ENERGY WATTS/4FT	EFFICACY LPW	CCT/CRI	CCT MULTIPLIERS, DYNAMIC WH	
						CCT	90CRI
VL	1484	1484	24	62	4000/90	2700K	1.09
L	2081	2081	32	65	4000/90	3000K	1.08
S	2755	2755	36	77	4000/90	3500K	1.03
H	3314	3314	44	75	4000/90	4000K	1.00
VH	3998	3998	48	83	4000/90	5000K	0.99
						6500K	0.98

WARM DIM | FLOOD DIRECT

POWER LEVELS	LIGHT DIRECT LM/4FT	TOTAL LIGHT LM/4FT	ENERGY WATTS/4FT	EFFICACY LPW	CCT/CRI	CCT MULTIPLIERS, WARM DIM	
						CCT	90CRI
VL	1558	1558	24	65	2700/90	1800K	0.02
L	2184	2184	32	68	2700/90	2250K	0.17
S	2892	2892	36	80	2700/90	2700K	1.00
H	3480	3480	44	79	2700/90		
VH	4197	4197	48	87	2700/90		

RGBW | FLOOD DIRECT

POWER LEVELS	CHANNEL (S)	LIGHT DIRECT LM/4FT	TOTAL LIGHT LM/4FT	ENERGY WATTS/4FT	EFFICACY LPW	CCT
S	White	382	382	10	38	4000
S	All	883	883	20	44	N/A

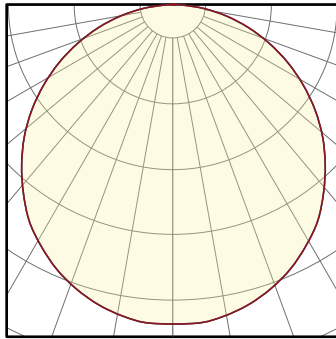
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DIRECT

DIRECT OPTICS: LUMEN OUTPUT (PER 4FT)

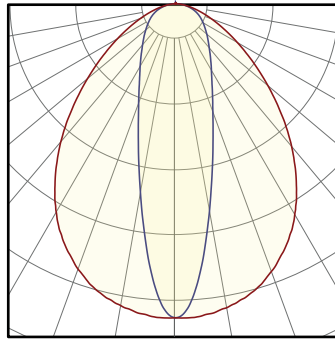
TYPE	CCT/CRI	ENERGY WATTS/ 4FT	FLOOD LM/4FT	FLOOD LPW	NARROW FLOOD LM/4FT	NARROW FLOOD LPW	aisle LIGHTER LM/4FT	aisle LIGHTER LPW	GRAZE LM/4FT	GRAZE LPW	WALL WASH LM/4FT	WALL WASH LPW
STATIC WHITE	4000K/80	S (32W)	3925	123	4475	140	4446	139	4752	149	4063	127
DYNAMIC WHITE	4000K/90	S (36W)	2755	77	3138	87	3103	86	3312	92	2824	78
WARM DIM	2700K/90	S (36W)	2892	80	3295	92	3258	91	3478	97	2965	82
RGBW	ALL CHANNELS UP	S (20W)	883	44	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FLOOD*



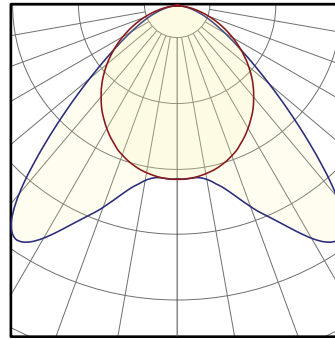
MAX CANDELA: 1328
DELIVERED LUMENS: 3925
WATTS: 32
LPW: 123

NARROW FLOOD*



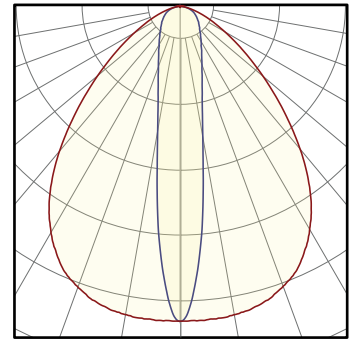
MAX CANDELA: 3819
DELIVERED LUMENS: 4475
WATTS: 32
LPW: 140

aisle LIGHTER*



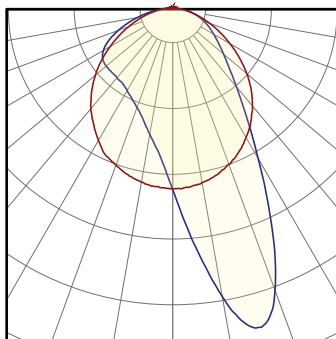
MAX CANDELA: 2054
DELIVERED LUMENS: 4446
WATTS: 32
LPW: 139

WALL GRAZE*



MAX CANDELA: 5182
DELIVERED LUMENS: 4752
WATTS: 32
LPW: 149

WALL WASH*



MAX CANDELA: 2964
DELIVERED LUMENS: 4063
WATTS: 32
LPW: 127

CCT MULTIPLIERS STATIC WHITE

CCT	2700K		3000K		3500K		4000K		5000K	
CRI	80	90	80	90	80	90	80	90	80	90
MULTIPLIER	0.93	0.79	0.96	0.82	0.97	0.85	1	0.89	1.01	0.89

CCT MULTIPLIERS DYNAMIC WHITE

CCT	2700K	3000K	3500K	4000K	5000K	6000K
CRI	90	90	90	90	90	90
MULTIPLIER	1.09	1.08	1.03	1	0.99	0.98

CCT MULTIPLIERS WARM DIM

CCT	1800K	2250K	2700K
CRI	90	90	90
MULTIPLIER	0.02	0.17	1

POWER LEVEL MULTIPLIERS

POWER	VL	L	S	H	VH
STATIC WHITE	0.53	0.75	1	1.2	1.45
DYNAMIC WHITE	0.53	0.75	1	1.2	1.45
WARM DIM	0.53	0.75	1	1.2	1.45

*Fixture Properties: 4ft Nominal Length, Standard Output, Static White 4000K/80CRI

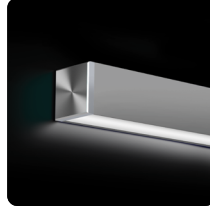
DATE	PROJECT	FIRM	TYPE
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MOUNTING



CABLE SUSPENDED DIRECT (CSD) CABLE SUSPENDED INDIRECT (CSI)

This fixture can be a static down-light: Direct (CSD) or static up-light: Indirect (CSI). Aircraft cables come in 4ft and 8ft lengths and are field adjustable.



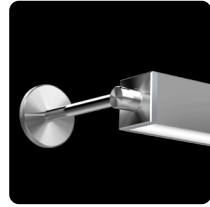
SURFACE MOUNT SIDE (SMS)

Surface Mount Side (SMS): the fixture is mounted on the wall & gives a static down-light.



CABLE SUSPENDED - ROTATIONAL (CSR)

Using a similar setup to the Cable Suspended system above, the Cable Suspended - Rotational system has 360 degree rotational capacity with mechanical fasteners to lock fixtures in place if desired. This system offers incredible flexibility, light direction control, and a dynamic aesthetic.



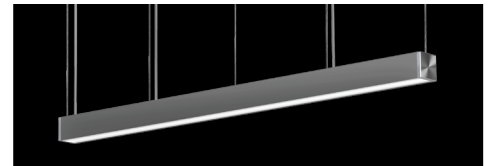
ROTATIONAL ARM MOUNT (RAM)

This system uses 5/8" diameter aluminum arms and subtle details in combination with a 360 degree rotational capacity to create some of the most versatile linear fixtures in the architectural market. Standard mounting uses 3/O mud rings (supplied by others). Engineered with no visible fasteners, smooth rotation, and mechanical locking, the RAM system reveals an impressive aesthetic with exceptional versatility.

CONTINUOUS RUN (CR)

This fixture has two continuous run connection options. Our single seam continuous run option offers smooth transitions from one section to the next. The joiner bracket and alignment pin system in this option, offers easy to use, confident, single seam connections with a tight fit.

Alternatively, our 360 degree rotational option enables individual sections to rotate independently of each other, which offers adjustable asymmetric light distribution capacity along with striking appearances such as alternating up/down fixtures or spiral transitions. The flexibility within the rotational option makes for infinite design and functional possibilities.



FIXTURE WITH SINGLE SEAM CONTINUOUS RUN



CONTINUOUS RUN ROTATIONAL



CONTINUOUS RUN ROTATIONAL
(SPIRAL EFFECT)



CONTINUOUS RUN
SINGLE SEAM



FIXTURE WITH CONTINUOUS RUN ROTATIONAL

CANOPIES

44



4" diameter power feed and 4" diameter non-power feed canopy.

40



4" diameter machined power feed canopy and no canopy on the non-power feed side. Minimal aesthetic. Requires a 1/4-20 stud securely attached to the ceiling.

41



4" diameter machined power feed and 1-1/4" diameter machined non-power feed canopy. Offers minimal ceiling treatment while maintaining the ability to cover mistakes. Requires a 1/4-20 stud securely fastened to the ceiling.

44E, 41E, 40E (**E) International Canopy












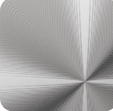
INTL POWERFEED
CANOPY FOR INTEGRAL
DRIVER FIXTURES

This canopy replaces the flat style canopy from the North American mounting style (44, 41, & 40) versions pictured)

DATE	PROJECT	FIRM	TYPE
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COLOR AND FINISH

Standard luminaire housing finishes are Satin Clear anodized, Matte Black powder coat, and Satin White powder coat. Standard hardware (end caps, knuckles, cover plates, etc.) finishes are Machined Finish, Matte Black powder coat, & Satin White powder coat. Custom anodizing and powder coated finishes are available as well. If you have a particular color/finish treatment in mind, please contact the factory and we will do our best to accommodate your project needs.

STANDARD			CUSTOM			
LUMINAIRE	 <p>RAL 9005</p> <p>MATTE BLACK</p>	 <p>RAL 9003</p> <p>SATIN WHITE</p>	 <p>BRONZE</p>	 <p>COLOR ANODIZE</p>	 <p>SPECULAR</p>	 <p>RAL COLORS</p>
HARDWARE	 <p>RAL 9005</p> <p>MATTE BLACK</p>	 <p>RAL 9003</p> <p>SATIN WHITE</p>				
 <p>SATIN CLEAR ANODIZING</p>						
 <p>MACHINED COMPONENTS</p>						

SENSORS

Optional fixture integrated sensors and controls offer wireless control system compatibility directly from the factory. Lumium luminaries are now available with integrated control gear from 4 major partners.

			
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NOTE: Information on this Spec Sheet is subject to change, please visit www.ecosenselighting.com for the most updated information.