



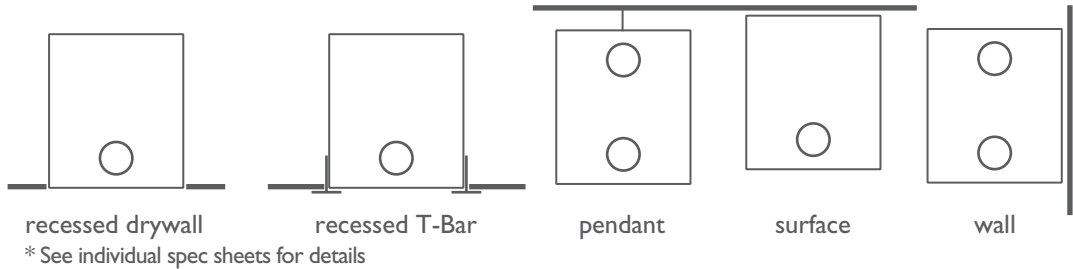
big
BEAM4

axis

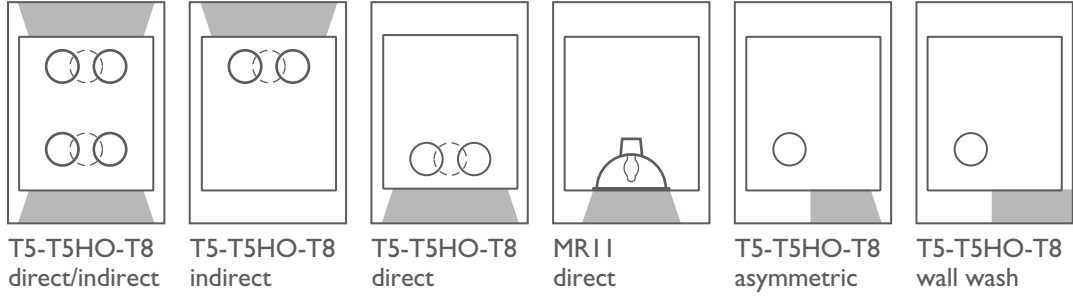
PRODUCT ORDERING CODE

product id	optics	position	length/ft	lamp	up lamp	down lamp	MR16	finish	voltage	ballast	circuit	mounting	other	controls	custom													
BBR	S	RG	8	T5	I	IS	M0	W	I20	E	I	CA36																
BBR	recessed pendant	FL RG	flush regressed (satin/frosted lens only)	0 1 2 +A	zero lamps one lamp two lamps asymmetric	M#	MR16 qty. (add 9" per lamp)	UNV 120 277 347	1 2 +E +M	one circuit two circuits + emergency + MR16	D B#	dust cover batt. pack (quan./4 sections)	F	fuse (one per ballast)	CP E	chicago plenum end mount power feed	C	custom description if required										
+D	pendant direct			T5 T5HO T8	0 1 2 +S +A	zero lamps one lamp two lamps staggered asymmetric	W A C	white aluminum custom	E ERS D	electronic rapid start dimming (specify details)	CA# CT# SA#	cable (36" std) cable / t-bar stem (18" std)	DF	drywall flanged	D	drywall (flangeless)	DB	slip-through bracket	DS	drywall spackle flange	TB	T-Bar	ST	Screw Slot T-BAR	TG	Regular	DS OS DOS	daylight sensor occ. sensor daylight / occ. sensor
+I	pendant indirect																											
BBS	surface																											
BBW	wall mount																											
+V	vertical mount																											
S	satin lens		2																									
F	frosted lens		3																									
PL	semi spec para. louver		4																									
SB	white louver		5																									
R	radial lens		6																									
A	asymmetric reflector		8																									
WW	wall wash		12																									
SW	satin wall wash		S#	system																								

sample ordering options

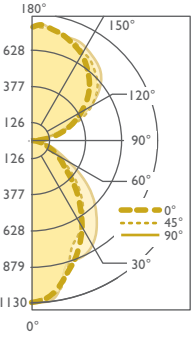


LAMP CONFIGURATIONS

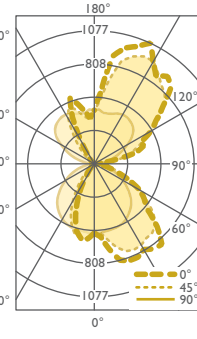


CANDLEPOWER DISTRIBUTION

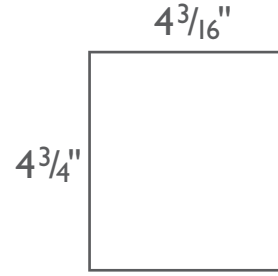
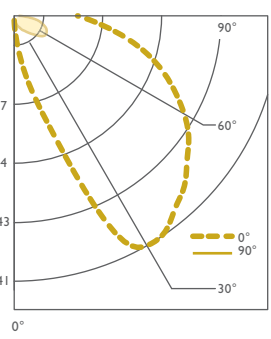
Big Beam Direct/Indirect with White Louvers
 Test Lamps: 2 x F28T5 Fluorescent
 code: **-SB-4-T5-I-I-**
 Efficiency : 83%
 Photopia Electronic Simulation



Big Beam Direct/Indirect Asymmetric
 Test Lamps: 2 x F28T5 Fluorescent
 code: **-A-4-T5-IA-IA-**
 Efficiency : 66%
 Photopia Electronic Simulation



Big Beam Direct Wall Wash
 Test Lamps: 1 x F28T5 Fluorescent
 code: **-WW-4-T5-0-I-**
 Efficiency : 70%
 Photopia Electronic Simulation



PHOTOMETRICS

Site specific lighting calculations and electronic photometric data are available at www.axislighting.com

Product design and development is an on going process at Axis Lighting. We reserve the right to change specifications. Contact Axis for latest product information.

ARCHITECTURAL DESIGN

With its clean, simple design and square profile, the **Big Beam** fixture can fit easily into many environments including offices, hospitals, and institutions.

Due to its larger frame the **Big Beam** can hold up to four lamps creating an increase in candlepower and enhancing any architectural space with sleek, unobtrusive lines of light.

ALUMINUM PROFILE

The square **Big Beam** profile is made of precisely fabricated high grade aluminum, ensuring straight linear fixtures in both short and long system runs.

DIE-CAST END CAPS

Big Beam die-cast zinc end caps are precision fabricated with invisible fasteners.

OPTICS

The **Big Beam** fixture's larger profile can hold up to four T5, T5HO as well as T8 lamps in any installment including T-Bar ceilings.

Either optic can be ordered flush with the ceiling plane, or 'regressed' 3/4" above the ceiling. For added lighting effects, inset MR16 halogen spots are also available.

A variety of optical options are offered by the **Big Beam** including semi-specular parabolic louvers, white louvers, asymmetric and wall wash reflectors, frosted virgin acrylic extruded lenses and our new smooth satin lens.

FINISH

The **Big Beam** is finished with either an anodized aluminum finish, a powder coated highly reflective white finish or custom color.

BALLAST & ELECTRICAL

Only easily accessible, high quality, electrical components are used for added safety, convenience, long term cost and ecological savings.

We offer electronic, dimming and emergency ballasts with voltages of 120, 277 and 347 volts.

Big Beam is UL listed to meet U.S. and Canadian standards

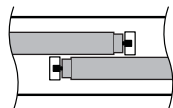
NEW FEATURES

SATIN LENS

Available in any configuration, our new satin lens is made from a blend of highly transmissive material and a diffusing compound creating a smooth lens with an even glow.

STAGGERED LAMPING

A new staggered lamping option has been introduced which allows for a seamless line of light with minimal to no light fall off.



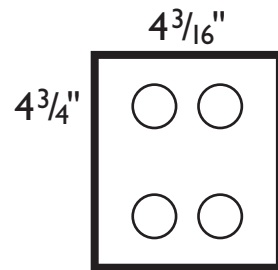
WALL WASH OPTICS

In addition to asymmetric optics, we now offer a wall washing optic ensuring a more pronounced and even spread of light in one direction.

SENSOR INTEGRATION



Daylight and Occupancy sensors can now be mounted on a blank sheet of extruded aluminum, easily integrating into any of our **Big Beam** fixture configurations.



LINEAR SYSTEMS

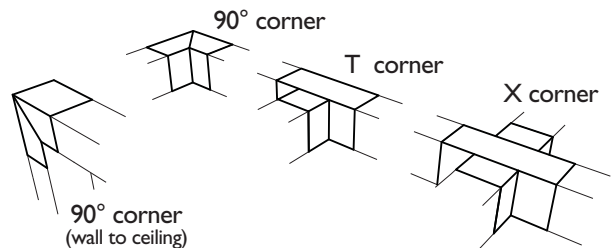
Big Beam linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs.

Lengths of 4', 8', 12' as well as custom lengths are available.

CORNERS

Big Beam features a multitude of layout patterns with the use of a number of corners. In addition we are now offering Lit 90° Corners including Wall to Ceiling.

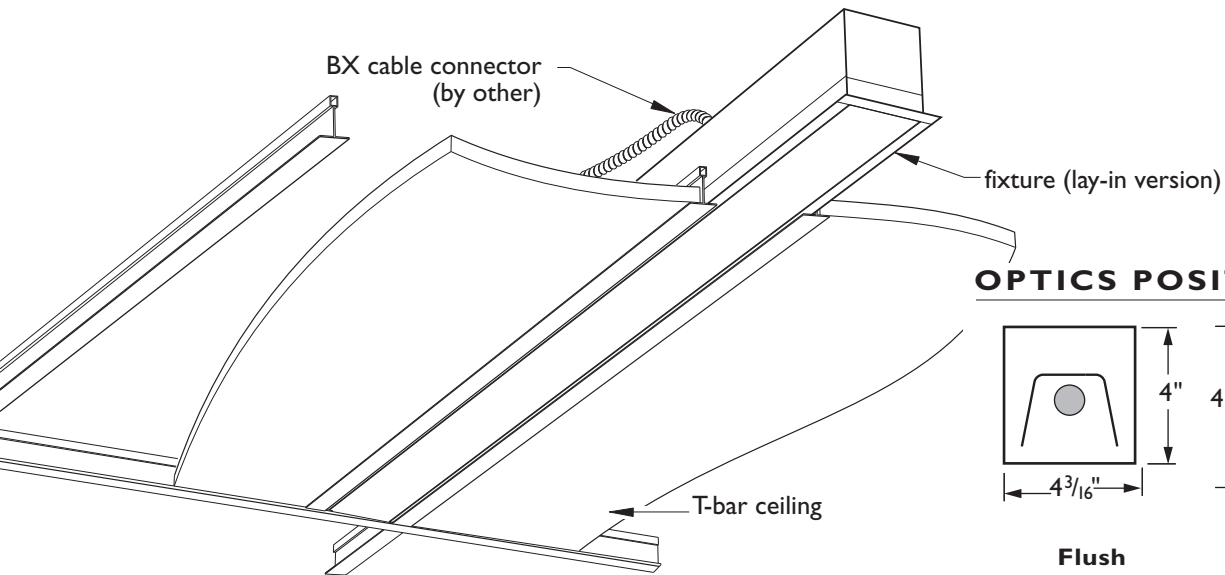
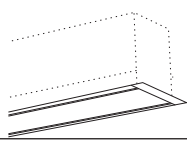
Custom corners include:



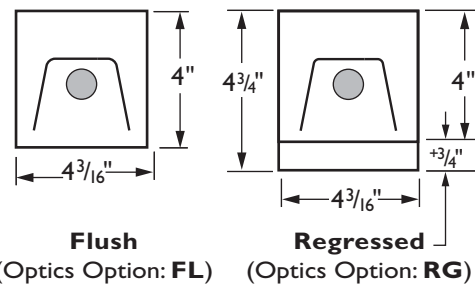
VERTICAL MOUNTING

Vertical Wall and Drywall recess mounting are now available!



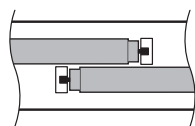


OPTICS POSITIONS

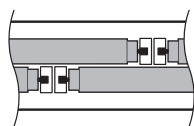


LAMP CONFIGURATIONS

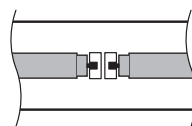
6.0 Fixture Lengths



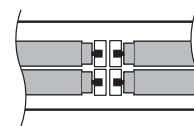
Staggered Lamping
1xT5 / T5HO (T5-1S)
1xT8 (T8-1S)



Staggered Lamping
2xT5 / T5HO (T5-2S)
2xT8 (T8-2S)



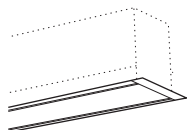
End to End Lamping
1xT5 / T5HO (T5-1)
1xT8 (T8-1)



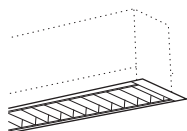
End to End Lamping
2xT5 / T5HO (T5-2)
2xT8 (T8-2)

OPTICS

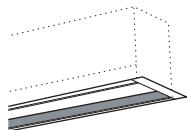
4.0 Optics



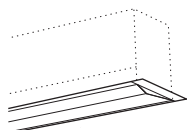
SATIN LENS
FROSTED LENS
(acrylic snap-in lens)
satin: 68% transmissive
frosted: 85% transmissive



LOUVERS
(semi-spec. parabolic louver / white louver)
9/16" deep blades - 5/8" spacing
72 blades per 4'



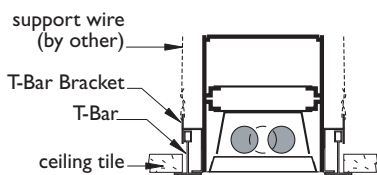
ASYMMETRIC
(asymmetric reflector)
* See Big Beam Asymmetric Spec sheet.



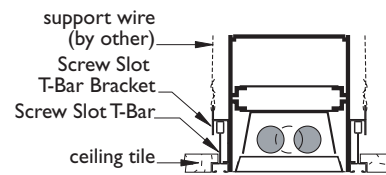
WALL WASH
(lamp not shielded)
* See Big Beam Wall Wash Spec sheet.

MOUNTING OPTIONS

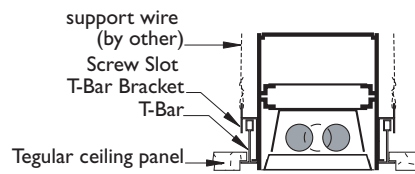
3.2 Mounting Options



T-Bar
(Mounting Option: TB)



Screw Slot T-Bar
(Mounting Option: ST)

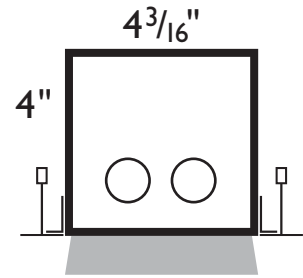


Tegular
(Mounting Option: TG)

DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

RECESSED T-BAR SPECIFICATIONS



CONSTRUCTION

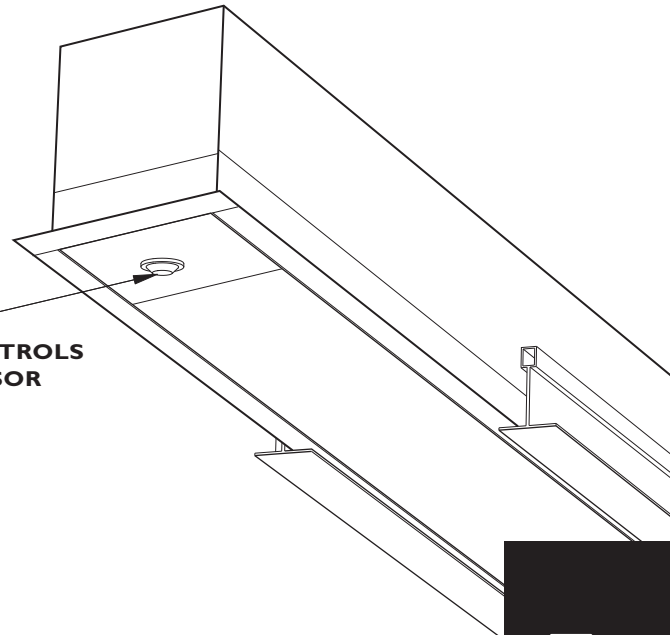
Housing	Extruded Aluminum (0.075" nominal)
End Cap	Sheet Steel (18 gauge)
Interior Brackets	Die Formed Sheet Steel (18 gauge)
Reflectors	White Powder Coated Sheet Steel (22 gauge)
Louvers	Die Formed Semi-Specular Aluminum (22 gauge)
White Louvers	Die Formed Aluminum Painted White (22 gauge)
Blank	Extruded Aluminum (0.075" nominal)
Lenses	Extruded Acrylic (0.070" nominal) Satin: 68% trans. Frosted: 85% trans.
T-Bar Bracket	Die Formed Sheet Steel (16 gauge)
Screw Slot T-Bar Bracket	Die Formed Sheet Steel (16 gauge)
Finish	Anodized, Powder Coated, Lacquered
Weight	11.25 lbs / 5.1 kg (4' fixture)

ELECTRICAL

Ballast Options	Electronic, Dimmable, Emergency
Emergency	Emergency Battery Pack or Circuit
Lamp Options	T5, T5HO, T8
Voltage	120, 277, 347, UNV

Daylight Harvesting / Occupancy Sensors Available

Certification UL listed to U.S. & Canadian standards



big BEAM4

PRODUCT ORDERING CODE

product id	optics	optics position	length/ft	lamp	lamp config	MR16	finish	voltage	ballast	circuit	mounting	other	controls	custom
BBR	S	FL	8	T5	IS	M0	W	I20	E	I	TB			
recessed		flush regressed (satin/frosted lens only)		T5 T5HO T8 (regressed only)	M# MR16 quantity * (add 9" per lamp)	UNV 120 277 347	white custom	1 2 +E +M one circuit two circuits + emergency + MR16	E ERS D electronic rapid start dimming (specify details)	B# batt. pack (quan./4' sections) F fuse (one per ballast) CP chicago plenum end mount power feed	TB T-Bar ST Screw Slot T-Bar TG Tegular	DS daylight sensor OS occ. sensor DOS daylight / occ. sensor	C custom description if required	

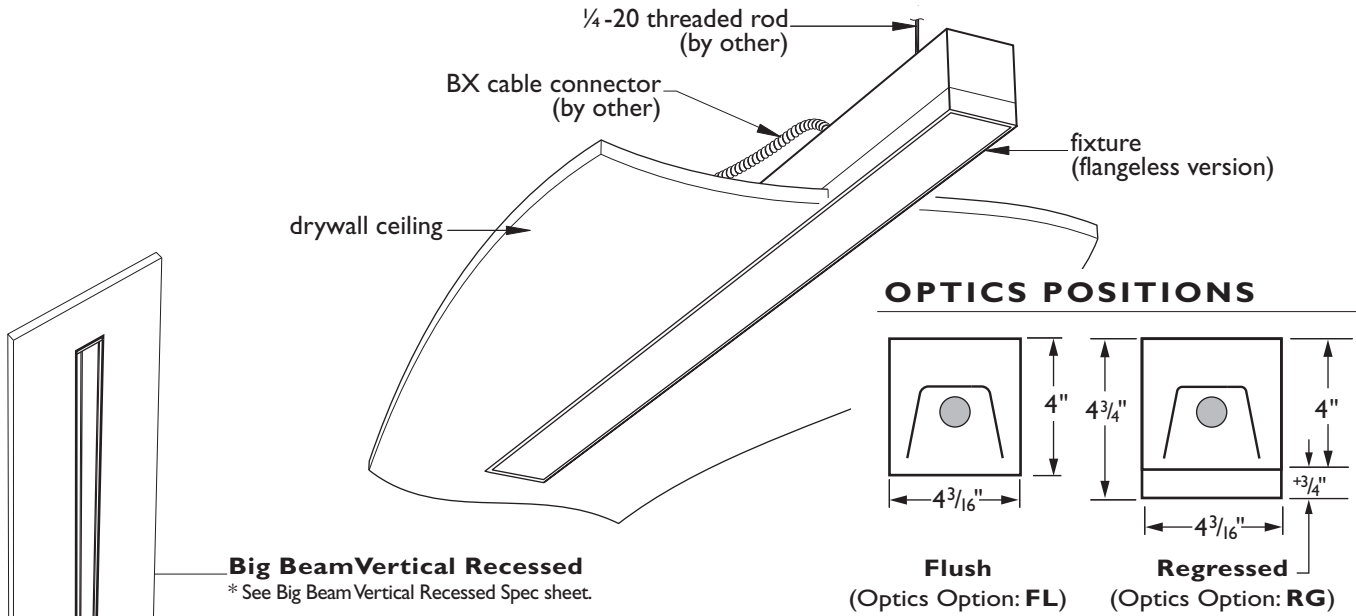
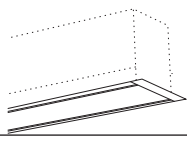
sample ordering options

- i 4.0 Optics**
Asymmetric: See Big Beam Asymmetric Recessed Spec sheet.
WallWash: See Big Beam Wall Wash Spec sheet.
- i 6.0 Fixture Lengths**
- i 7.9 Installation Instructions**
Corners: See Big Beam Corner Spec sheet.
- i 3.2 Mounting Options**
- i 5.0 Control Sensors**
Sensors are only available with optics position: (FL) flush

DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

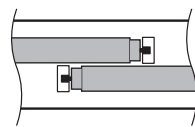




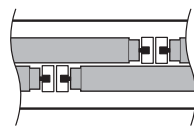
Big Beam Vertical Recessed
* See Big Beam Vertical Recessed Spec sheet.

i LAMP CONFIGURATIONS

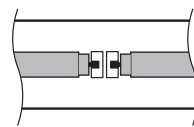
6.0 Fixture Lengths



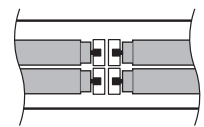
Staggered Lamping
1xT5 / T5HO (T5-1S)
1xT8 (T8-1S)



Staggered Lamping
2xT5 / T5HO (T5-2S)
2xT8 (T8-2S)



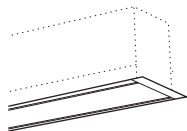
End to End Lamping
1xT5 / T5HO (T5-1)
1xT8 (T8-1)



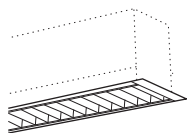
End to End Lamping
2xT5 / T5HO (T5-2)
2xT8 (T8-2)

OPTICS

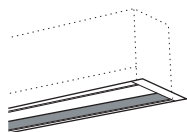
i 4.0 Optics



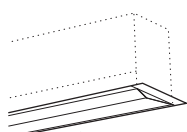
SATIN LENS
FROSTED LENS
(acrylic snap-in lens)
satin: 68% transmissive
frosted: 85% transmissive



LOUVERS
(semi-spec. parabolic louver / white louver)
9/16" deep blades - 5/8" spacing
72 blades per 4'



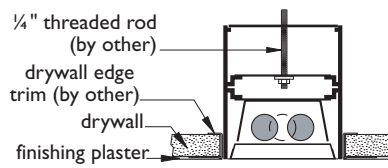
ASYMMETRIC
(asymmetric reflector)
* See Big Beam Asymmetric Spec sheet.



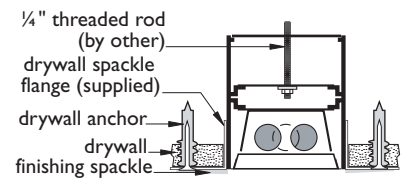
WALL WASH
(lamp not shielded)
* See Big Beam Wall Wash Spec sheet.

i MOUNTING OPTIONS

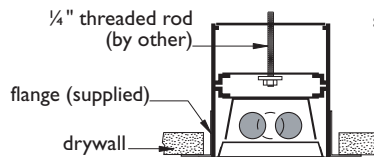
3.1 Mounting Options



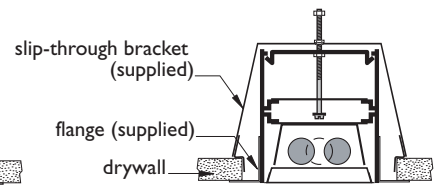
Flangeless
(Mounting Option: D)



Spackle Flange
(Mounting Option: DS)



Flanged
(Mounting Option: DF)

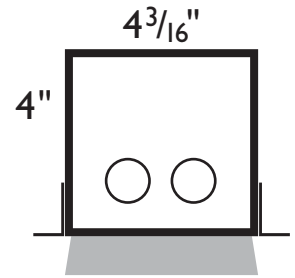


Slip-Through Bracket
(Mounting Option: DB)

i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

RECESSED DRYWALL SPECIFICATIONS



CONSTRUCTION

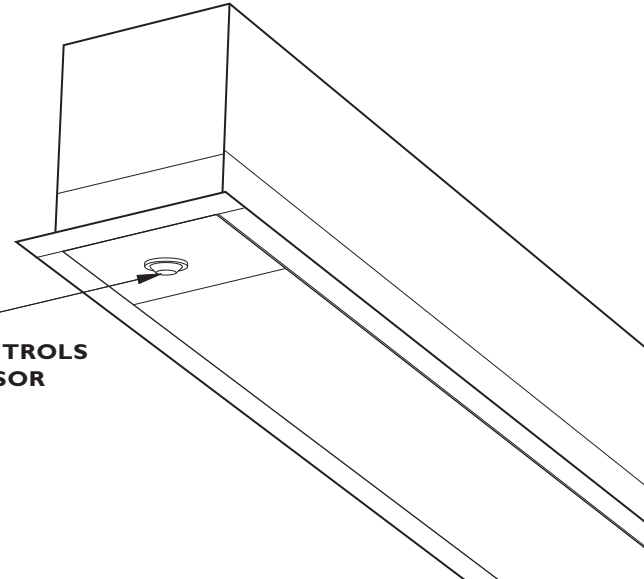
Housing	Extruded Aluminum (0.075" nominal)
End Cap	Sheet Steel (18 gauge)
Interior Brackets	Die Formed Sheet Steel (18 gauge)
Reflectors	White Powder Coated Sheet Steel (22 gauge)
Louvers	Die Formed Semi-Specular Aluminum (22 gauge)
White Louvers	Die Formed Aluminum Painted White (22 gauge)
Blank	Extruded Aluminum (0.075" nominal)
Lenses	Extruded Acrylic (0.070" nominal) Satin: 68% trans. Frosted: 85% trans.
Slip-Through Bracket	Die Formed Sheet Steel (18 gauge)
Spackle Flange	Die Formed Perforated Sheet Steel (20 gauge)
Flange	Extruded Aluminum (0.075" nominal) visible flange width: 9/16"
Finish	Anodized, Powder Coated, Lacquered
Weight	11.25 lbs / 5.1 kg (4' fixture)

ELECTRICAL

Ballast Options	Electronic, Dimmable, Emergency
Emergency	Emergency Battery Pack or Circuit
Lamp Options	T5, T5HO, T8
Voltage	120, 277, 347, UNV

Daylight Harvesting / Occupancy Sensors Available

Certification UL listed to U.S. & Canadian standards



PRODUCT ORDERING CODE

product id	optics	optics position	length/ft	lamp	lamp config	MR16	finish	voltage	ballast	circuit	mounting	other	controls	custom
BBR	S	FL	8	T5	IS	M0	W	120	E	I	DF			
BBR recessed	FL satin lens RG frosted lens	FL flush RG regressed (satin/frosted lens only)	8 8 ft	T5 zero lamps T5HO one lamp T8 two lamps	IS staggered	M# MR16 quantity * (add 9" per lamp)	W white C custom	120 277 347	E electronic ERS rapid start D dimming (specify details)	I one circuit 2 two circuits +E + emergency +M + MR16	DF drywall flanged D drywall (flangeless) DB slip-through bracket Notify factory for ceilings >3/4" thk. DS drywall spackle flange	B# batt. pack (quan./4' sections) F fuse (one per ballast) CP chicago plenum E end mount power feed	C custom description if required	

sample ordering options

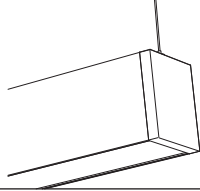
big BEAM4

- i 4.0 Optics**
Asymmetric: See Big Beam Asymmetric Recessed Spec sheet.
Wall Wash: See Big Beam Wall Wash Spec sheet.
- i 6.0 Fixture Lengths**
- i 7.5-7.8 Installation Instructions**
Corners: See Big Beam Corner Spec sheet.
Vertical: See Big Beam Vertical Recessed Spec sheet.
- i 3.1 Mounting Options**
- i 5.0 Control Sensors**
Sensors are only available with optics position: (FL) flush

DETAILED INFORMATION

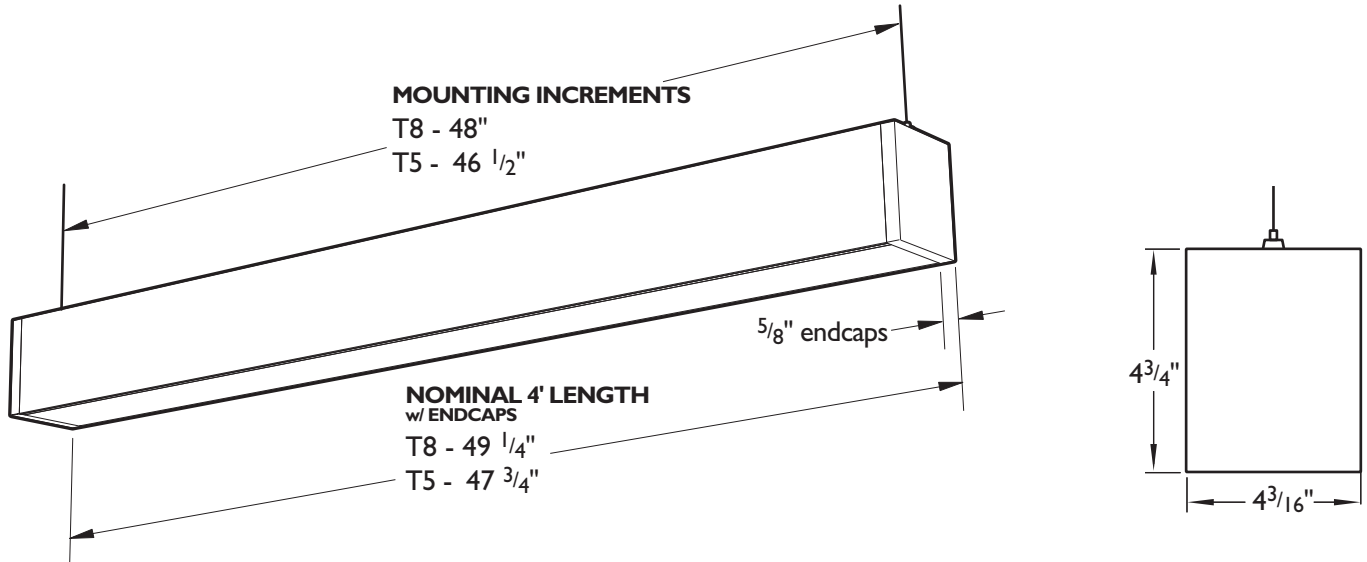
for more detailed information, please refer to the info sheets noted above





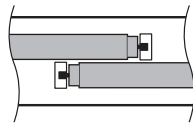
big BEAM⁴

PENDANT DIRECT / INDIRECT SPECIFICATIONS

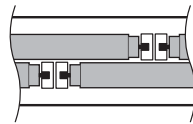


i LAMP CONFIGURATIONS

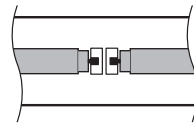
6.0 Fixture Lengths * Staggered lamping is only possible with product id: (BB) pendant or (BBD) pendant direct and a maximum 12' fixture.



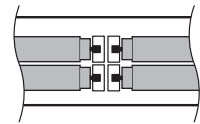
Staggered Lamping
1xT5 / T5HO (T5-1S)
1xT8 (T8-1S)



Staggered Lamping
2xT5 / T5HO (T5-2S)
2xT8 (T8-2S)



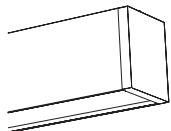
End to End Lamping
1xT5 / T5HO (T5-1)
1xT8 (T8-1)



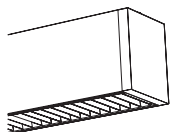
End to End Lamping
2xT5 / T5HO (T5-2)
2xT8 (T8-2)

OPTICS

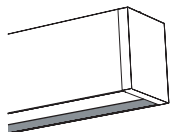
i 4.0 Optics



SATIN LENS
FROSTED LENS
(acrylic snap-in lens)
satin: 68% transmissive – frosted: 85% transmissive



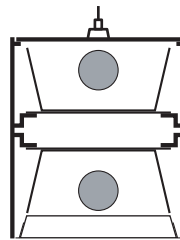
LOUVERS
(semi-spec. parabolic louver or white louver)
9/16" deep blades – 5/8" spacing – 72 blades per 4'



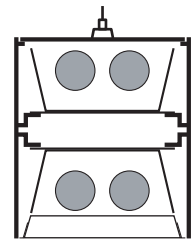
ASYMMETRIC
(asymmetric reflector)
* See Big Beam Asymmetric Spec sheet.

LAMP CONFIGURATIONS

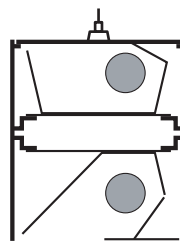
* More configurations are available. Please refer to Big Beam product code.



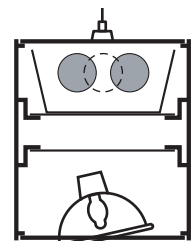
2 x T5
2 x T5HO
2 x T8



4 x T5
4 x T5HO
4 x T8



2 x T5/T5HO/T8
ASYMMETRIC

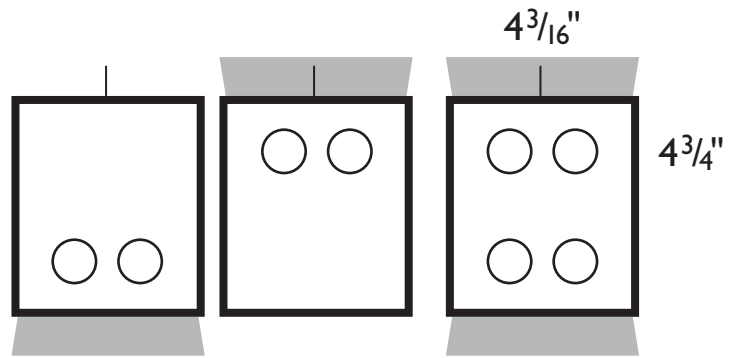


MR 16
* See Big Beam MR16 Spec. guide for details

i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

PENDANT DIRECT / INDIRECT SPECIFICATIONS



CONSTRUCTION

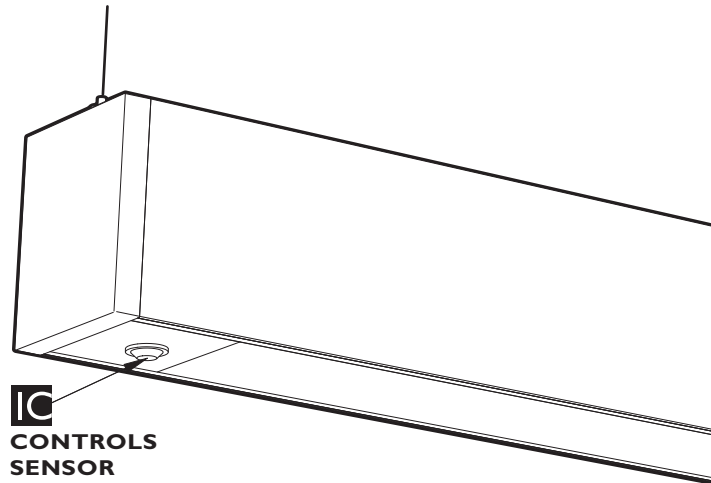
Housing	Extruded Aluminum (0.075" nominal)
End Cap	Die Cast Zinc (0.060" nominal)
Interior Brackets	Die Formed Sheet Steel (18 gauge)
Reflectors	White Powder Coated Sheet Steel (22 gauge)
Louvers	Die Formed Semi-Specular Aluminum (22 gauge)
White Louver	Die Formed Aluminum Painted White (22 gauge)
Blank	Extruded Aluminum (0.075" nominal)
Lenses	Extruded Acrylic (0.070" nominal) Satin: 68% trans. Frosted: 85% trans.
Hanger	Die Formed Sheet Steel (16 gauge)
Suspension	Aircraft Cable or Ø 1/2" Stem
Cable Grips	Quick Connecting / Release
Finish	Anodized, Powder Coated, Lacquered
Weight	16.8 lbs / 7.6 kg (4' fixture)

ELECTRICAL

Ballast Options	Electronic, Dimmable, Emergency
Emergency	Emergency Battery Pack or Circuit
Lamp Options	T5, T5HO, T8
Voltage	120, 277, 347, UNV

Daylight Harvesting / Occupancy Sensors Available

Certification UL listed to U.S. & Canadian standards



PRODUCT ORDERING CODE

product id	optics	length / ft	lamp	up lamp	down lamp	MR16	finish	voltage	ballast	circuit	mounting	other	controls	custom
BB	S	8	T5	I	IS	M0	W	120	E	I	CA36			
BB pendant BBD direct/indirect BBI indirect	S satin lens F frosted lens PL semi spec para. louver SB white louver R radial lens A asymmetric reflector	2 3 4 5 6 8 12 S# system	0 zero lamps 1 one lamp 2 two lamps +A asymmetric (one lamp only)	0 zero lamps 1 one lamp 2 two lamps +S staggered +A asymmetric (one lamp only)	M# MR16 qty. * (add 9' per lamp)	W white A aluminum C custom	UNV 120 277 347	1 one circuit 2 two circuits +E + emergency +M + MR16	D dust cover B# batt. pack (quan./4' sections) F fuse (one per ballast)	C custom description if required				

sample ordering options

big BEAM

i 4.0 Optics
Asymmetric: See Big Beam Asymmetric Spec sheet.

i 6.0 Fixture Lengths
* Maximum 12' for staggered fixtures.
* Only possible with product id: (BB) pendant or (BBD) pendant direct

i 5.0 Control Sensors
Sensors are mounted on a blank sheet of extruded aluminum.

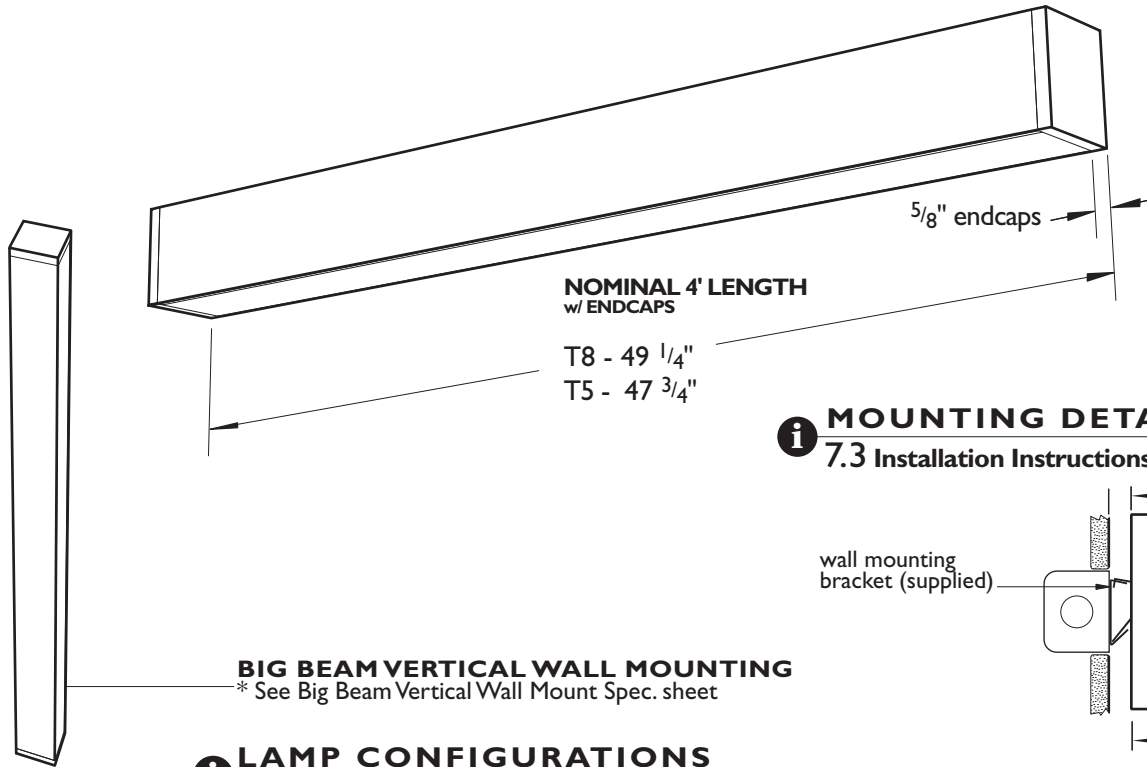
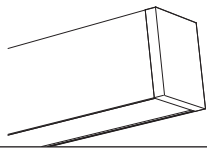
i 7.10 Installation Instructions
Corners: See Big Beam Corner Spec sheet.

i 3.3 Mounting options

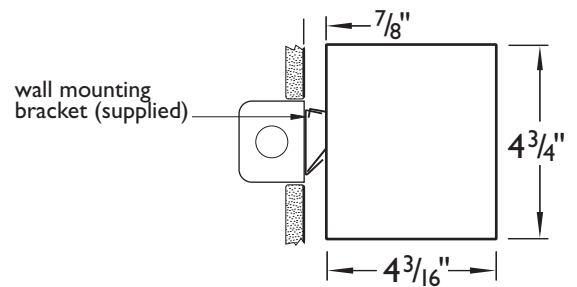
DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above



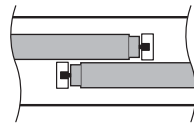


i MOUNTING DETAILS 7.3 Installation Instructions

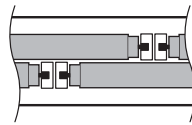


i LAMP CONFIGURATIONS 6.0 Fixture Lengths

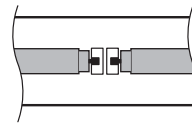
* Staggered lamping is only possible with product id: (BBW) wall mount or (BBWD) wall mount direct and a maximum 12' fixture.



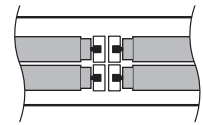
Staggered Lamping
1xT5 / T5HO (T5-1S)
1xT8 (T8-1S)



Staggered Lamping
2xT5 / T5HO (T5-2S)
2xT8 (T8-2S)



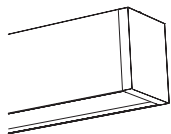
End to End Lamping
1xT5 / T5HO (T5-1)
1xT8 (T8-1)



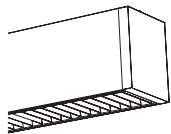
End to End Lamping
2xT5 / T5HO (T5-2)
2xT8 (T8-2)

OPTICS

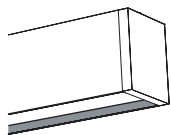
i 4.0 Optics



SATIN LENS
FROSTED LENS
(acrylic snap-in lens)
satin: 68% transmissive
frosted: 85% transmissive



LOUVERS
(semi-spec. parabolic louver / white louver)
9/16" deep blades - 5/8" spacing
72 blades per 4'



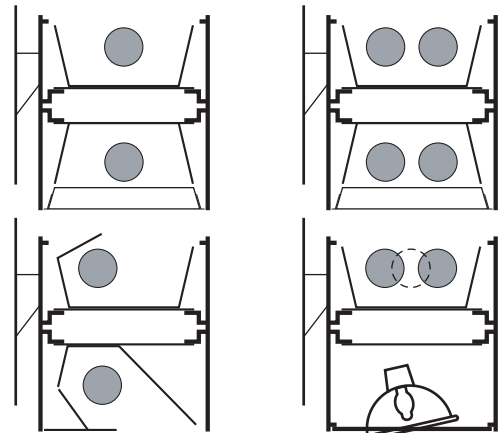
ASYMMETRIC
(asymmetric reflector)
* See Big Beam Asymmetric Spec sheet.

i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

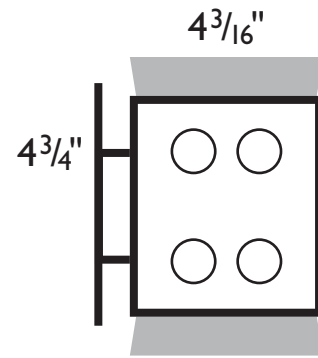
LAMP CONFIGURATIONS

* More configurations are available. Please refer to Big Beam product code.



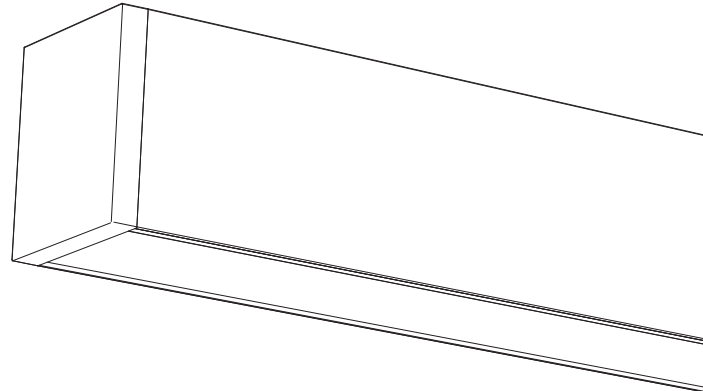
* For MR16 see Big Beam MR16 spec. guide

WALL MOUNT SPECIFICATIONS



CONSTRUCTION

Housing	Extruded Aluminum (0.075" nominal)
End Cap	Die Cast Zinc (0.060" nominal)
Interior Brackets	Die Formed Sheet Steel (18 gauge)
Reflectors	White Powder Coated Sheet Steel (22 gauge)
Louvers	Die Formed Semi-Specular Aluminum (22 gauge)
White Louver	Die Formed Aluminum Painted White (22 gauge)
Blank	Extruded Aluminum (0.075" nominal)
Lenses	Extruded Acrylic (0.070" nominal) Satin: 68% trans. Frosted: 85% trans.
Wall Mount Bracket	Die Formed Sheet Steel (16 gauge)
Finish	Anodized, Powder Coated, Lacquered
Weight	16.8 lbs / 7.6 kg (4' fixture)



ELECTRICAL

Ballast Options	Electronic, Dimmable, Emergency
Emergency	Emergency Battery Pack or Circuit
Lamp Options	T5, T5HO, T8
Voltage	120, 277, 347, UNV
Certification	UL listed to U.S. & Canadian standards

WALL MOUNT FEATURES

- Minimized mounting brackets
- 10° level adjustment
- Vertical Wall Mounting available
* See Big Beam Vertical Wall Mount Spec sheet

PRODUCT ORDERING CODE

product id	optics	length / ft	lamp	up lamp	down lamp	MR16	finish	voltage	ballast	circuit	other	custom
BBW	S	8	T5	I	IS	M0	W	I20	E	I		C
BBW wall mount	S satin lens	2 2' system	T5 zero lamps	I zero lamps	IS zero lamps	M# MR16 quantity	W white	I20 120V	E electronic	I one circuit		C custom
+D direct	F frosted lens	3	T5HO one lamp	1 one lamp	1 one lamp	* (add 9" per lamp)	A aluminum	120	ERS rapid start	2 two circuits		description
+I indirect	PL semi spec para. louver	4	T8 two lamps	2 two lamps	2 two lamps		C custom	277	D dimming	+E + emergency		if required
	SB white louver	5	+S staggered	+S staggered	+S staggered			347	(specify details)	+M + MR16		
	R radial lens	6	+A asymmetric	+A asymmetric	+A asymmetric							
	A asymmetric reflector	8	(one lamp only)	(one lamp only)	(one lamp only)							
		12										
		S#										

sample ordering options

big BEAM4

i 4.0 Optics

Asymmetric: See Big Beam Asymmetric Spec sheet.

i 6.0 Fixture Lengths

* Maximum 12' fixture.
* Only possible with product id: (BBW) wall mount or (BBWD) wall mount direct

MR16: See Big Beam MR16 Spec sheet.

i 7.3 Installation Instructions

Corners: See Big Beam Corner Spec sheet.
Vertical: See Big Beam Vertical Wall Mount Spec sheet.

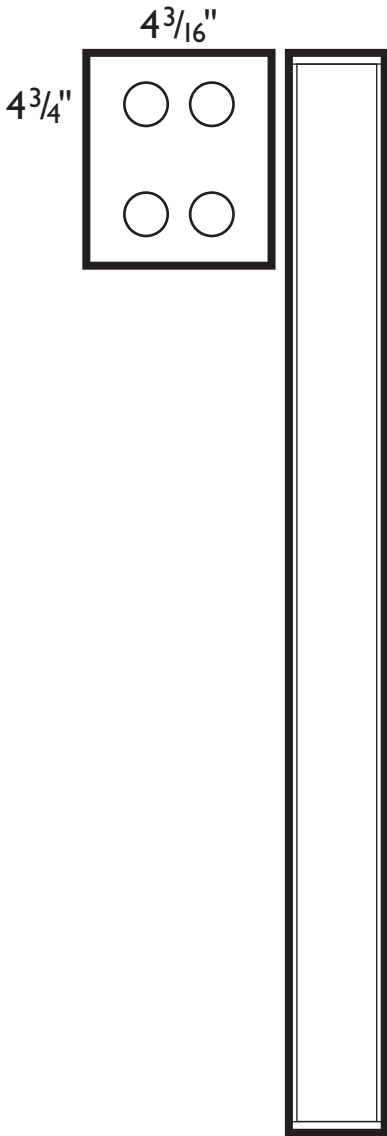
i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above



big BEAM⁴

VERTICAL WALL MOUNT SPECIFICATIONS



CONSTRUCTION

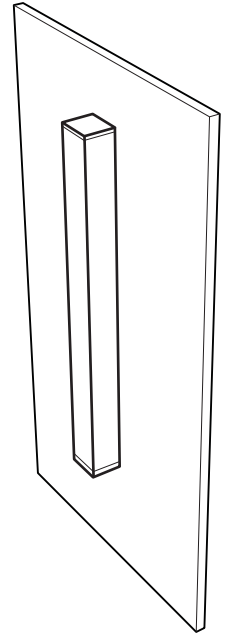
Housing Extruded Aluminum (0.075" nominal)
End Cap Die Cast Zinc (0.080" nominal)
Interior Brackets Die Formed Sheet Steel (20 gauge)
Reflectors Die Formed Specular Aluminum (22 gauge) or White Powder Coated Sheet Steel (22 gauge)

Blank Extruded Aluminum (0.075" nominal)
Lenses Extruded Acrylic (0.070" nominal)
 Satin: 68% trans. Frosted: 85% trans.
Wall Mount Bracket Die Formed Sheet Steel (18 gauge)

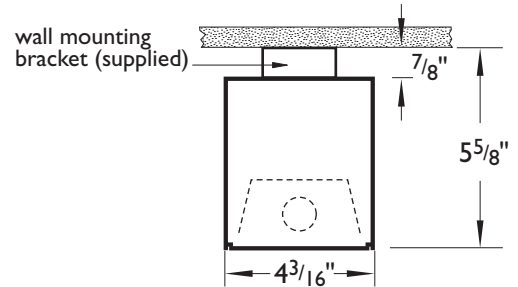
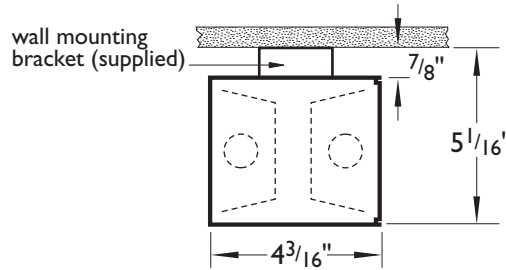
Finish Anodized, Powder Coated, Lacquered
Weight 16.8 lbs / 7.6 kg (4' fixture)

ELECTRICAL

Ballast Options Electronic, Dimmable, Emergency
Emergency Emergency Battery Pack or Circuit
Lamp Options T5, T5HO, T8
Voltage 120, 277, 347, UNV
Certification UL listed to U.S. & Canadian standards



VERTICAL WALL MOUNTING DETAILS



PRODUCT ORDERING CODE

product id	optics	length / ft	lamp	up lamp	down lamp	MR16	finish	voltage	ballast	circuit	other	custom
BBWV	S	8	T5	I	IS	M0	W	120	E	I		
BBW wall mount +V vertical mount	2 3 4 5 6 8 12 S# system		0 zero lamps 1 one lamp 2 two lamps			M# MR16 quantity * (add 9" per lamp)	W white A aluminum C custom	UNV 120 277 347	E electronic ERS rapid start D dimming (specify details)	I one circuit 2 two circuits +E + emergency +M + MR16		C custom description if required
	S satin lens F frosted lens		0 zero lamps 1 one lamp 2 two lamps +S staggered								D dust cover B# batt. pack (quan./4 sections)	F fuse (one per ballast) E end mount power feed

sample ordering options

i 4.0 Optics

i 7.4 Installation Instructions

i 6.0 Fixture Lengths

* Maximum 12' for staggered fixtures.

* Maximum 4 x MR16 lamps per 4' fixture.
 Provide a sketch for MR16 locations.
MR16: See Big Beam MR16 Spec sheet.

i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above



VERTICAL WALL RECESSED SPECIFICATIONS

4³/₁₆"

4"

CONSTRUCTION

Housing Extruded Aluminum (0.075" nominal)
End Cap Sheet Steel (18 gauge)
Interior Brackets Die Formed Sheet Steel (20 gauge)
Reflectors Die Formed Specular Aluminum (22 gauge) or White Powder Coated Sheet Steel (22 gauge)

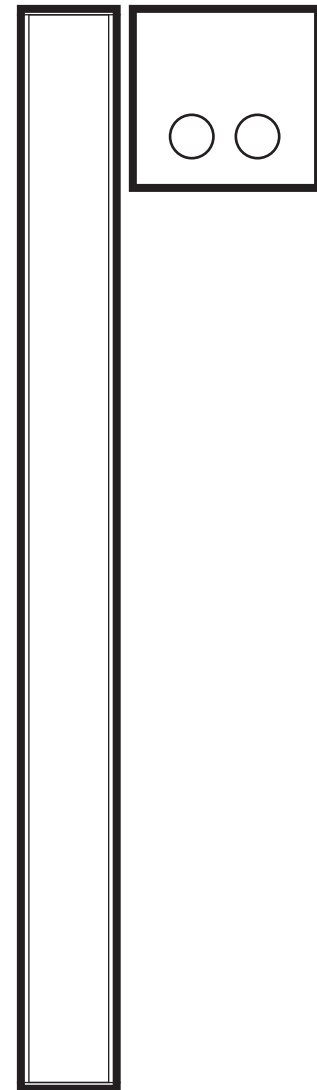
Blank Extruded Aluminum (0.075" nominal)
Lenses Extruded Acrylic (0.070" nominal)
 Satin: 68% trans. Frosted: 85% trans.

Slip-Through Bracket Die Formed Sheet Steel (18 gauge)
Spackle Flange Die Formed Perforated Sheet Steel (20 gauge)
Flange Extruded Aluminum (0.075" nominal)
 visible flange width: 9/16"

Finish Anodized, Powder Coated, Lacquered
Weight 16.8 lbs / 7.6 kg (4' fixture)

ELECTRICAL

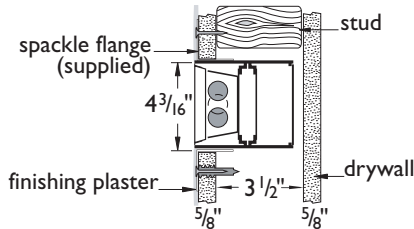
Ballast Options Electronic, Dimmable, Emergency
Emergency Emergency Battery Pack or Circuit
Lamp Options T5, T5HO, T8
Voltage 120, 277, 347, UNV
Certification UL listed to U.S. & Canadian standards



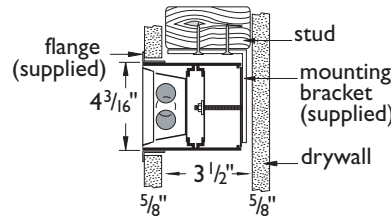
VERTICAL RECESSED MOUNTING OPTIONS

* Big Beam Vertical Recess Mount shown with optics position: flush (FL)

Drywall Spackle Flange (Mounting Option: DS)



Drywall Flanged (Mounting Option: DF)



PRODUCT ORDERING CODE

product id	optics	optics position	length/ft	lamp	lamp config	MR16	finish	voltage	ballast	circuit	mounting	other	custom
BBRV	S	FL	8	T8	IS	M0	W	I20	E	I	DF		
BBR recessed +V vertical mount	FL flush RG regressed			T8 T5 T5HO	M# MR16 quantity *(add 9" per lamp)	UNV 120 277 347	W white C custom	E electronic ERS rapid start D dimming (specify details)	I one circuit 2 two circuits +E + emergency +M + MR16	B# batt. pack (quan./4' sections) F fuse (one per ballast) E end mount power feed	DF drywall flanged DS drywall spackle flange		C custom description if required
	S satin lens F frosted lens		2 3 4 5 6 8 12 S# system	0 zero lamps 1 one lamp 2 two lamps +S staggered									

i 4.0 Optics

i 6.0 Fixture Lengths

i 3.4 Mounting Options

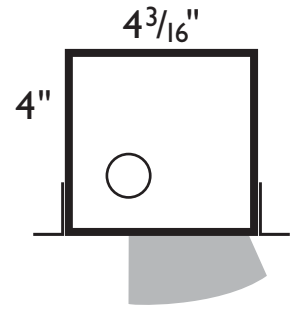
i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

* Maximum 4 x MR16 lamps per 4' fixture.
 Provide a sketch for MR16 locations.
MR16: See Big Beam MR16 Spec sheet.



ASYMMETRIC RECESSED SPECIFICATIONS



CONSTRUCTION

Inner Asymmetric Reflector
Outer Asymmetric Reflector

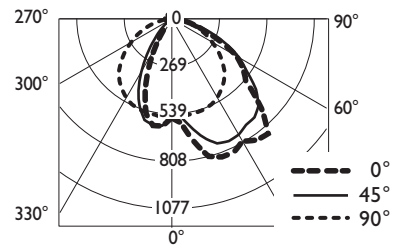
Die Formed Specular Aluminum (22 gauge)
Extruded Aluminum (0.075" nominal)

* See Big Beam Recessed T-Bar or Drywall Ceiling Spec sheets for further electrical and construction information.

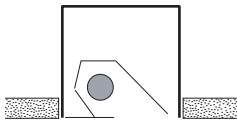
CANDLEPOWER DISTRIBUTION

(Product Code: **-A-4-T5-1A-**)

Test Lamps: 2 x F28T5 Fluorescent
Efficiency : 66%
Photopia Electronic Simulation

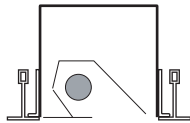


MOUNTING OPTIONS



Drywall

(Mounting Option: **DF**)

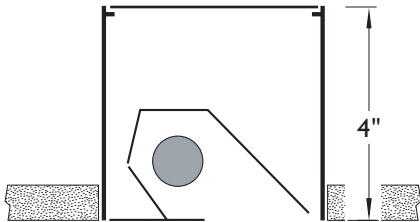


T-Bar

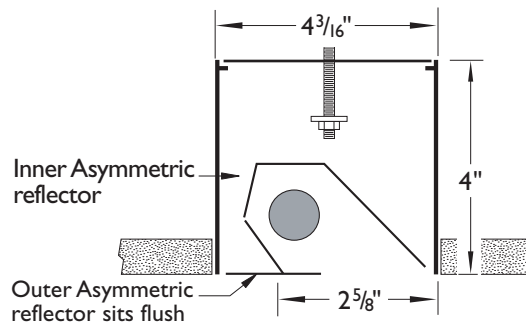
(Mounting Option: **TB**)

OPTICS POSITION

* Optics Option must be flush for recessed asymmetric.



SECTION



PRODUCT ORDERING CODE

product id	optics	length/ft	lamp	down lamp	MR16	finish	voltage	ballast	circuit	mounting	other	custom
BBR	A	4	T5	I	M0	W	120	E	I	DF		
BBR recessed	A asymmetric reflector	2 3 4 5 6 8 12 S# system	T5 T5HO	I one lamp +A asymmetric (one lamp only)	M# MR16 quantity * (add 9" per lamp) * Maximum 4 x MR16 lamps per 4' fixture. Provide sketch for MR16 locations MR16: See Big Beam MR16 Spec sheet.	W white C custom	UNV 120 277 347	E electronic RS rapid start D dimming (specify details)	I one circuit 2 two circuits +E + emergency +M + MR16	DF drywall flanged D drywall (flangeless) DB slip-through bracket Notify factory for ceilings >3/4" thk.) DS drywall spackle flange TB T-Bar ST Screw Slot T-Bar TG Tegalur	B# batt. pack (quan./4' sections) F fuse (one per ballast) CP chicago plenum E end mount powerfeed	C custom description if required

i 4.0 Optics

i 7.5-7.9 Installation Instructions

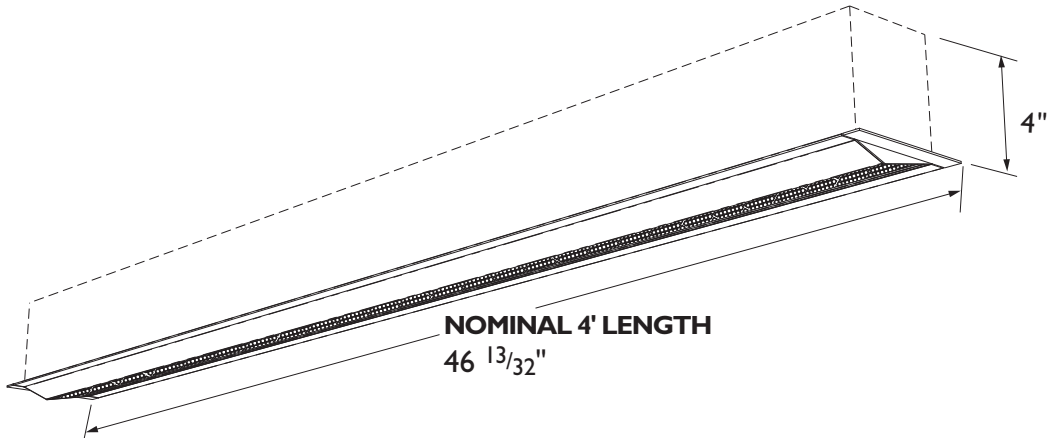
i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

i 3.0 Mounting Options

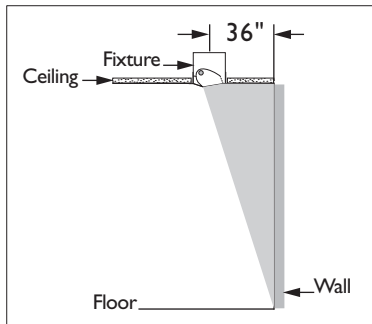
big BEAM4





WALL WASH LIGHT WASH

* Recommended distance from wall is 36"



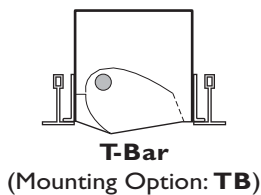
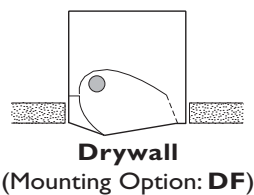
OPTICS i

4.0 Optics



MOUNTING OPTIONS i

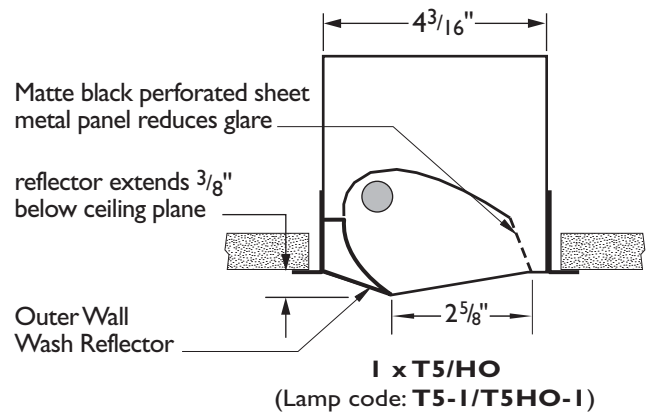
3.0 Mounting Options



i DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

SECTION



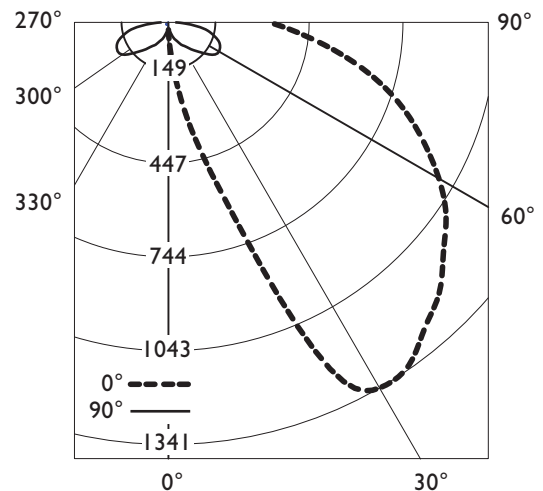
CANDLEPOWER DISTRIBUTION

(Product Code: **-WW-4-T5-0-1-**)

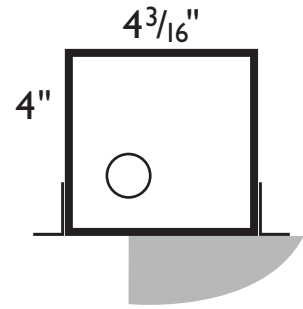
Test Lamps: 1 x F28T5 Fluorescent

Efficiency: 70%

Photopia Electronic Simulation

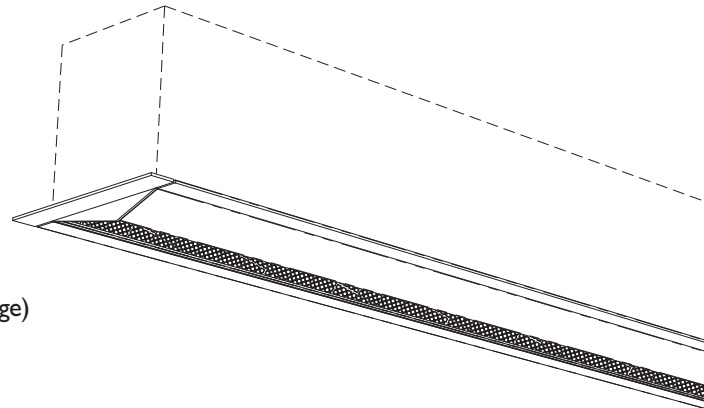


WALL WASH RECESSED SPECIFICATIONS



CONSTRUCTION

Housing	Extruded Aluminum (0.075" nominal)
End Cap	Sheet Steel (18 gauge)
Interior Brackets	Die Formed Sheet Steel (20 gauge)
Outer Wall Wash Reflector	Extruded Aluminum (0.075" nominal)
Interior Wall Wash Reflector	Die Formed Specular Aluminum (22 gauge)
Blank	Extruded Aluminum (0.075" nominal)
Lenses	Extruded Acrylic (0.070" nominal) Satin: 68% transmissive
T-Bar Bracket	Die Formed Sheet Steel (16 gauge)
Screw Slot T-Bar Bracket	Die Formed Sheet Steel (16 gauge)
Slip-Through Bracket	Die Formed Sheet Steel (18 gauge)
Spackle Flange	Die Formed Perforated Sheet Steel (20 gauge)
Flange	Extruded Aluminum (0.075" nominal) visible flange width: 9/16"
Finish	Anodized, Powder Coated, Lacquered
Weight	11.25 lbs / 5.1 kg (4' fixture)



ELECTRICAL

Ballast Options	Electronic, Dimmable, Emergency
Emergency	Emergency Battery Pack or Circuit
Lamp Options	T5, T5HO, T8
Voltage	120, 277, 347, UNV
Certification	UL listed to U.S. & Canadian standards

PRODUCT ORDERING CODE

product id	optics	length/ft	lamp	lamp config	finish	voltage	ballast	circuit	mounting	other	custom
BBR	WW	8	T5	I	W	120	E	I	DF		
recessed	wall wash satin wall wash	2 3 4 5 6 8 12 S# system		one lamp	white custom	UNV 120 277 347		one circuit two circuits + emergency	drywall flanged drywall (flangeless) slip-through bracket Notify factory for ceilings >3/4" thk.	B# batt. pack (quan./4' sections) F fuse (one per ballast) CP chicago plenum E end mount powerfeed	C custom description if required
			T5 T5HO				E ERS D		DS TB ST TG		

i 4.0 Optics

i 7.5-7.9 Installation Instructions

i 3.0 Mounting Options

*Wall Wash is offered for End-to-End I T5/T5HO lamping only.

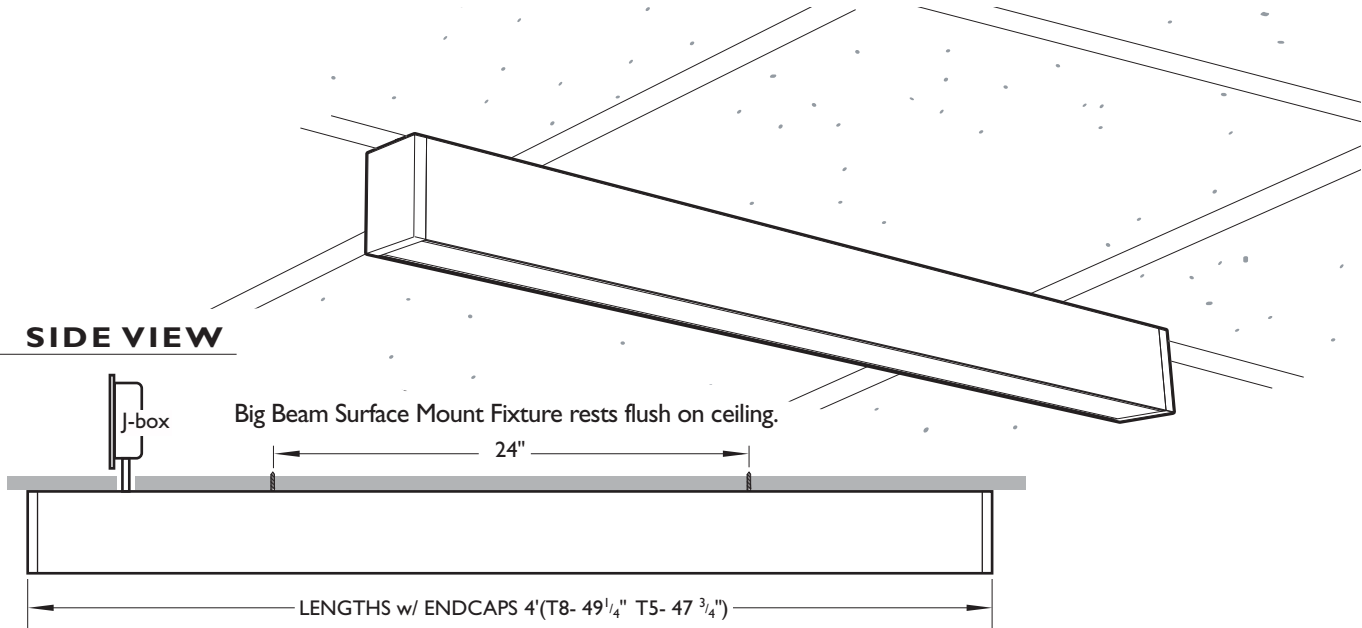
sample ordering options

DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

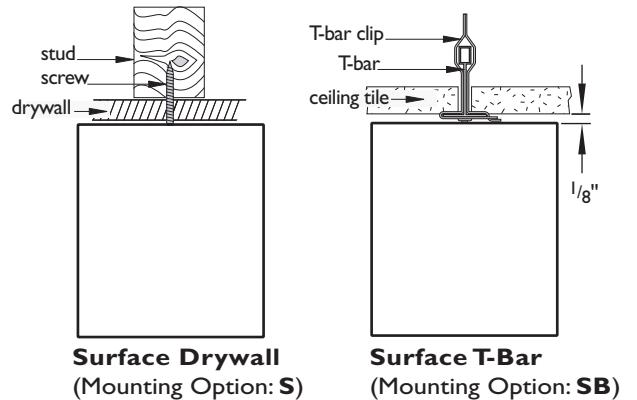


SIDE VIEW



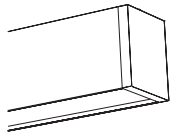
MOUNTING DETAILS

7.2 Installation Instructions

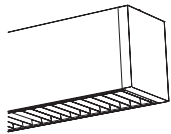


OPTICS

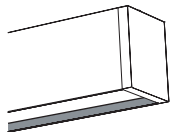
4.0 Optics



SATIN LENS
FROSTED LENS
(acrylic snap-in lens)
satin: 68% transmissive – frosted: 85% transmissive

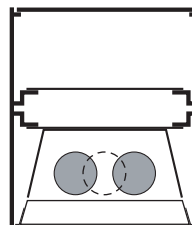


LOUVERS
(semi-spec. parabolic louver or white louver)
9/16" deep blades – 5/8" spacing – 72 blades per 4'

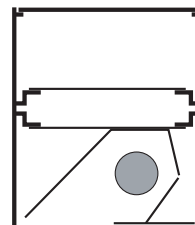


ASYMMETRIC
(asymmetric reflector)
* See Big Beam Asymmetric Spec sheet.

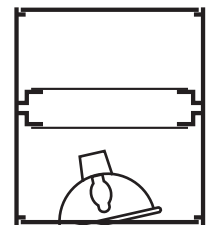
LAMP CONFIGURATIONS



1-2 x T5
1-2 x T5HO
1-2 x T8



1 x T5/T5HO/T8
ASYMMETRIC

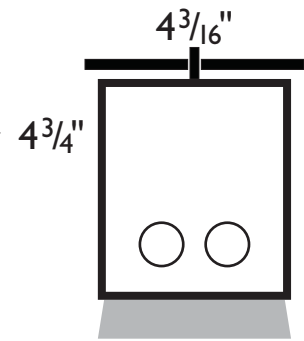


MR 16
* For MR16 see Big Beam MR16 Spec sheet

DETAILED INFORMATION

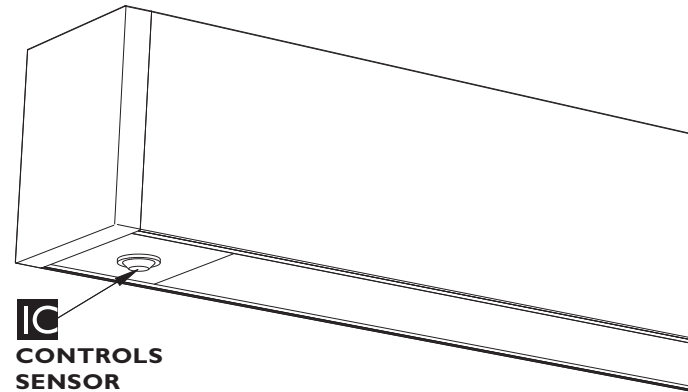
for more detailed information, please refer to the info sheets noted above

SURFACE MOUNT SPECIFICATIONS



CONSTRUCTION

Housing	Extruded Aluminum (0.075" nominal)
End Cap	Die Cast Zinc (0.060" nominal)
Interior Brackets	Die Formed Sheet Steel (18 gauge)
Reflectors	White Powder Coated Sheet Steel (22 gauge)
Louvers	Die Formed Semi-Specular Aluminum (22 gauge)
White Louver	Die Formed Aluminum Painted White (22 gauge)
Blank	Extruded Aluminum (0.075" nominal)
Lenses	Extruded Acrylic (0.070" nominal) Satin: 68% trans. Frosted: 85% trans.
Finish	Anodized, Powder Coated, Lacquered
Weight	16.8 lbs / 7.6 kg (4' fixture)



ELECTRICAL

Ballast Options	Electronic, Dimmable, Emergency
Emergency	Emergency Battery Pack or Circuit
Lamp Options	T5, T5HO, T8
Voltage	120, 277, 347, UNV

Daylight Harvesting / Occupancy Sensors Available

Certification UL listed to U.S. & Canadian standards

PRODUCT ORDERING CODE

product id	optics	length / ft	lamp	down lamp	MR16	finish	voltage	ballast	circuit	mounting	other	controls	custom
BBS	S	8	T5	IS	M0	W	120	E	I	SB			
BBS surface	S satin lens F frosted lens PL semi spec para. louver SB white louver R radial lens A asymmetric reflector	2 3 4 5 6 8 12 S# system	0 zero lamps 1 one lamp 2 two lamps +S staggered		M# MR16 quantity * (add 9" per lamp) * Maximum 4 x MR16 lamps per 4' fixture. Provide a sketch for MR16 locations. MR16: See Big Beam MR16 Spec sheet.	W white aluminum A custom	UNV 120 277 347	E electronic ERS rapid start D dimming (specify details)	I one circuit 2 two circuits +E + emergency +M + MR16	S Surface mount drywall SB Surface mount T-Bar	B# batt. pack (quan./4' sections) F fuse (one per ballast) E end mount power feed	DS daylight sensor OS occ. sensor DOS daylight / occ. sensor	C custom description if required

i 4.0 Optics
Asymmetric: See Big Beam Asymmetric Spec sheet.

i 6.0 Fixture Lengths
* Maximum 12' for staggered fixtures.

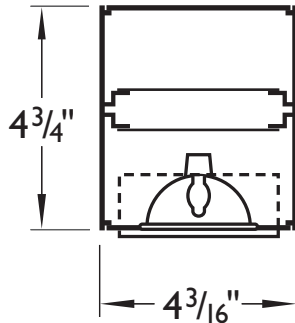
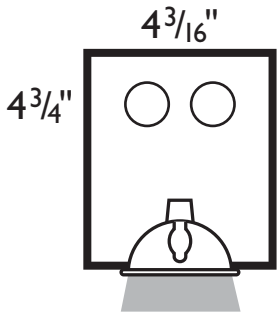
i 5.0 Control Sensors
Sensors are mounted on a blank sheet of extruded aluminum.

i 7.2 Installation Instructions
Corners: See Big Beam Corner Spec sheet.

DETAILED INFORMATION

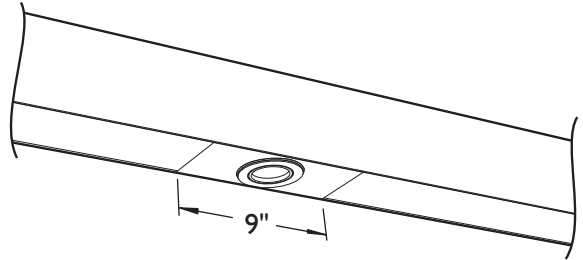
for more detailed information, please refer to the info sheets noted above



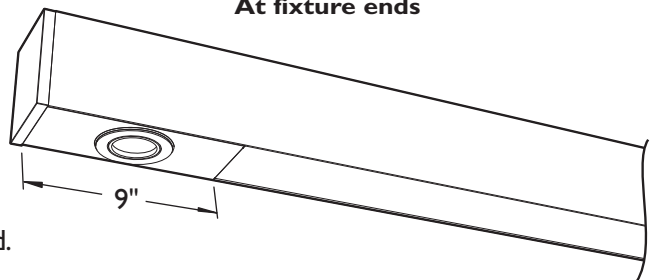


MRI6 CONFIGURATIONS

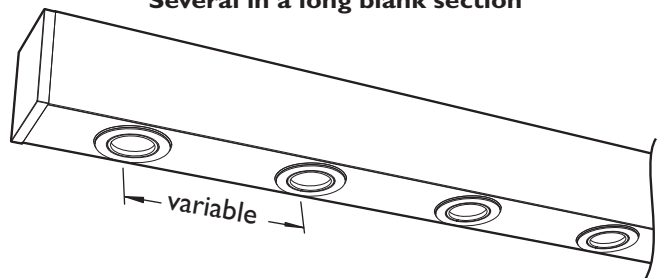
Between fluorescent lamps sections



At fixture ends



Several in a long blank section



CONSTRUCTION

Blank Extruded Aluminum (0.075" nominal)
MRI6 Halogens 2.0" diameter (35W / 50W)

*The directed light of MRI6 Halogen lamps are fixed downward.

Quantity

For every 4' fluorescent lamp section, there may be up to a maximum of 4 x MRI6 lamps.

Spacing

Each MRI6 is placed centered on a blank section 9" in length.

For a series of MRI6's within a given section length, they will be spaced evenly on a longer blank section.

* Custom spacing may be available on special request.

PRODUCT ORDERING CODE

product id	optics	optics position	length / ft lamp	up lamp	down lamp	MRI6	finish	voltage	ballast	circuit	mounting	other	controls	custom
BBR	S	FL	8	T5	I	0	M4	W	I20	E	I			
BBR	recessed	FL	flush	0	I	M#		UNV	I	1	B#		C	
BB	pendant	RG	regressed	1	1	MR16 quantity		120	2	+E	batt. pack		custom	
BBD	pendant			2	2	*(add 9" per lamp)		277	+M	+MR16	(quan./4 sections)		description	
BBS	direct							347			fuse(one per ballast)		if required	
BBW	surface										CP			
+V	wall mount										E			
	vertical													
			2				W		E		CA#		DS	
			3				A		D		cable (36" std)		OS	
	S		4				C		ERS		cable / t-bar		DOS	
	F		5						D		stem (18" std)			
	PL		6						D		drywall flanged			
	SB		8						D		drywall (flangeless)			
			12						DB		slip-through bracket			
			S#						DS		drywall spackle flange			
									TB		T-Bar			
									ST		Screw Slot T-BAR			
									TG		Regular			

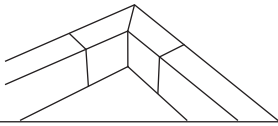
i 7.2 – 7.10 Installation Instructions
Corners: See Big Beam Corner Spec sheet.
Vertical: See Big Beam Vertical Recessed Spec sheet.

DETAILED INFORMATION

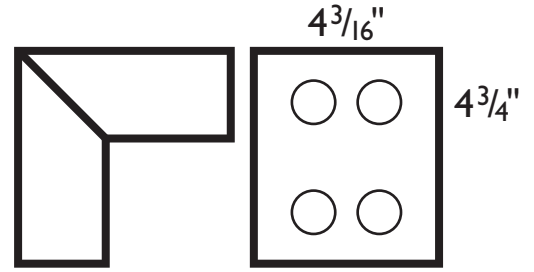
for more detailed information, please refer to the info sheets noted above

i 3.0 Mounting Options

i 5.0 Control Sensors
 Sensors are mounted on a blank sheet of extruded aluminum.



CORNER SPECIFICATIONS



REQUIREMENTS

Corners are to be ordered in parallel with their corresponding linear sections. Please specify each corner style required with a separate code (see code below).

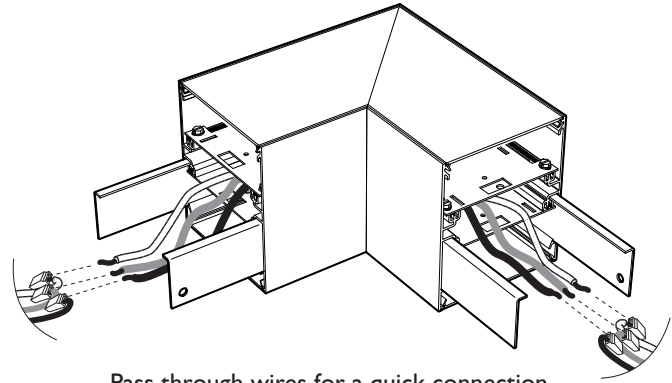
Mounting points are to be situated on attached linear sections as per regular pendants rather than on corners.

All systems requiring corner units must be specified as such at the time of order. Existing linear systems or fixtures cannot have corners added at a later date.

BEAM CORNER FEATURES

The corner modules are an assembly of welded aluminum extrusions. For added rigidity and a secure joining, the assembly uses an internal die formed sheet steel to align the corners and linear sections of the system.

Wall mounted corners are also available. Please notify factory with sketch and details.

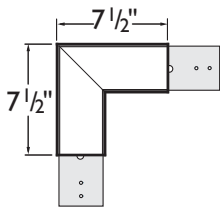


Pass through wires for a quick connection.

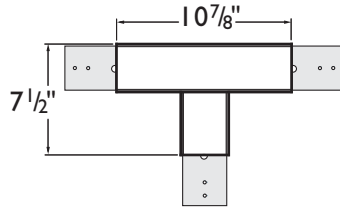
CORNER CONFIGURATIONS

In addition to individual fixtures and linear runs, the Big Beam fixture can be specified with corner 90°, T or X sections.

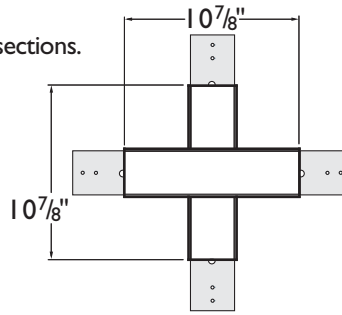
* Dimensions below vary for Lit Corners.



90° Corner
(Corner Option: **C**)



T Corner
(Corner Option: **T**)



X Corner
(Corner Option: **X**)

CONSTRUCTION

General Assembly	Mitered Aluminum extrusion
Side Profile	Extruded Aluminum (0.100" nominal)
Blank Cover Extrusion	Extruded Aluminum (0.080" nominal)
Interior Brackets	Die Formed Sheet Steel (16 gauge)
Finish	Anodized, Powder Coated, Lacquered
Certification	UL listed to U.S. & Canadian standards

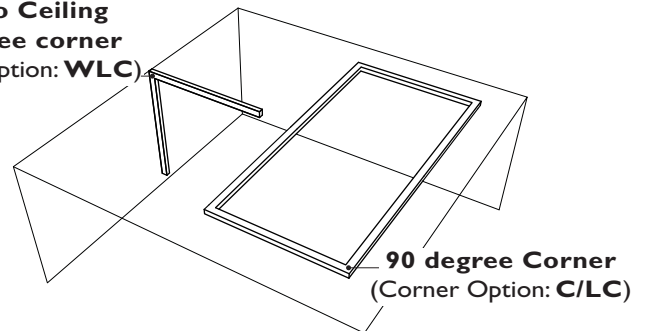
BEAM CORNER ORDERING CODE

product id	corner	finish	sample
CNR	BB	C	
	C	90 degree	options
	T	T junction	
	X	X junction	
	LC	lit 90 degree	
	WLC	wall to ceiling lit 90 degree	
	W	white aluminum	
	A	custom	

LIT CORNER FEATURES

The Lit Corner system allows continuous illumination all the way through the corner section.

Wall to Ceiling 90 degree corner
(Corner Option: **WLC**)



Corner Specification Tip:

* Provide sketches illustrating corner types and locations required.

DETAILED INFORMATION

for more detailed information, please refer to the info sheets noted above

