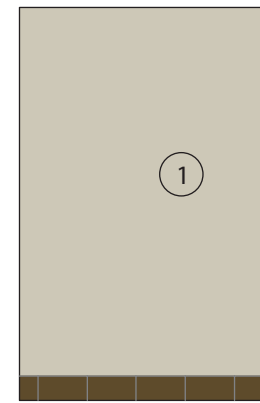
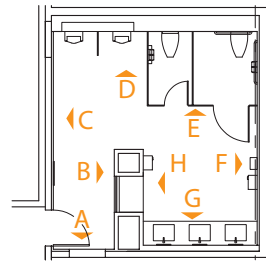
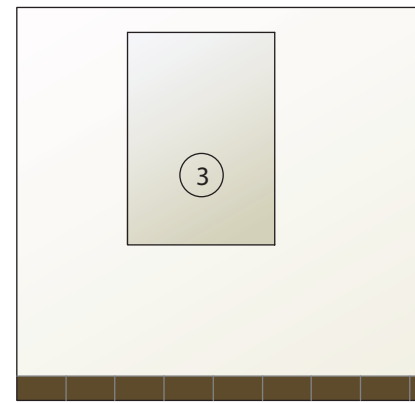


1. ACCENT PAINT
2. OPEN BEYOND
3. TRANSLUCENT PANEL
4. WALL MOUNTED LIGHT FIXTURE
5. TYPICAL WALL TILE
6. ACCENT WALL TILE
7. NEW DOOR/FRAME
8. NICHE
9. VANITY FIXTURE

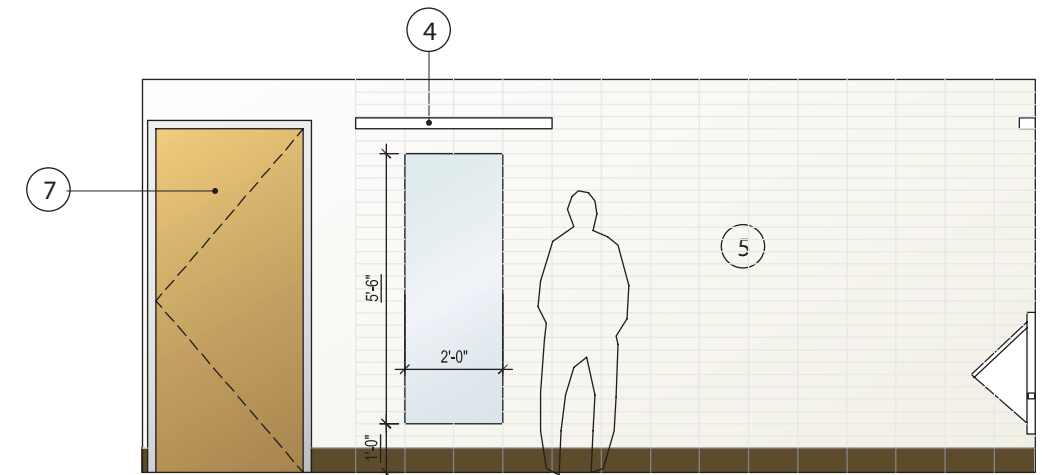
Note: The underlined dimensions are design guideline to align with adjacent wall tile grid.



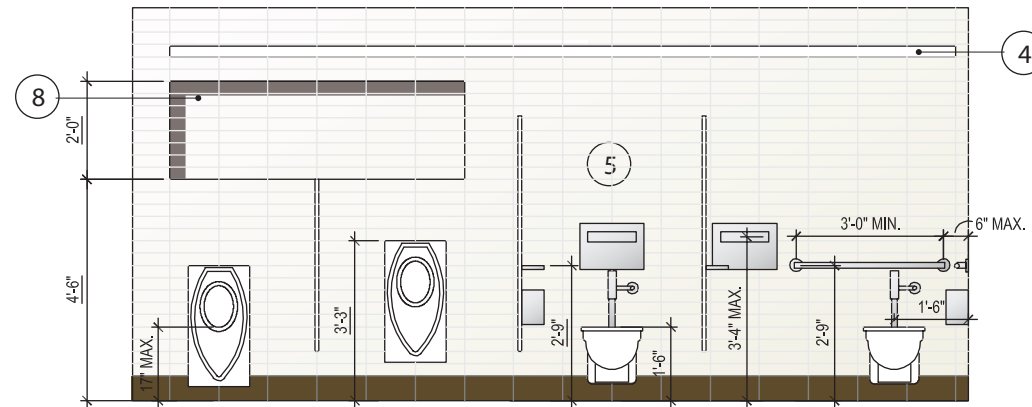
A: Entry Elevation



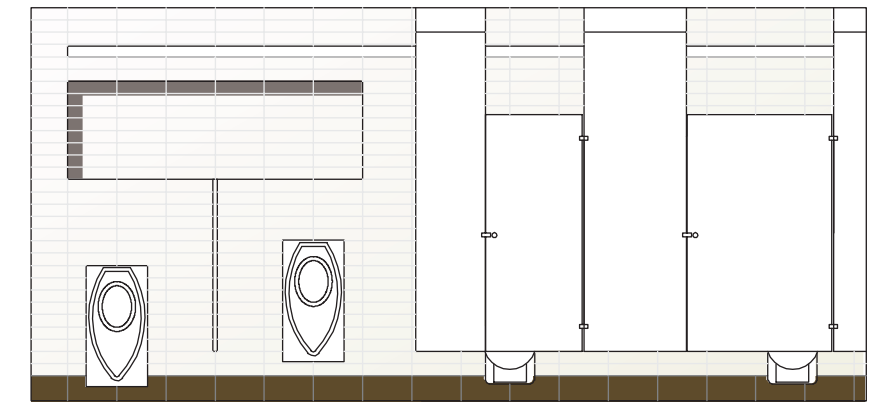
B: Entry Elevation - Translucent Panel



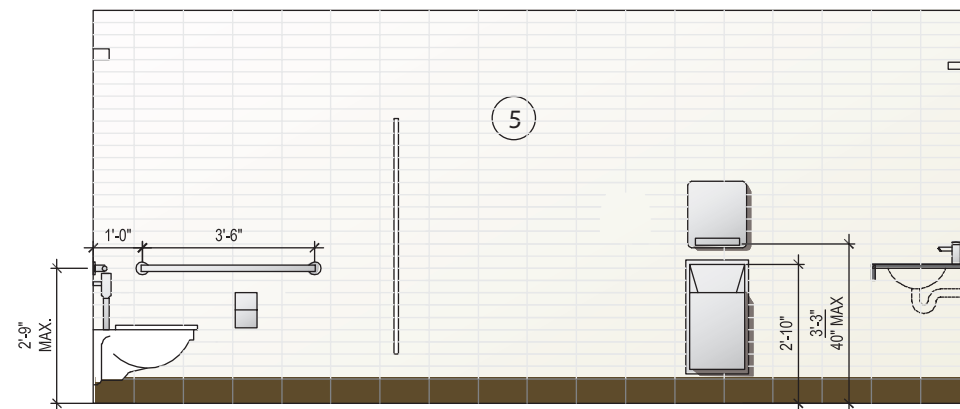
C: West Elevation



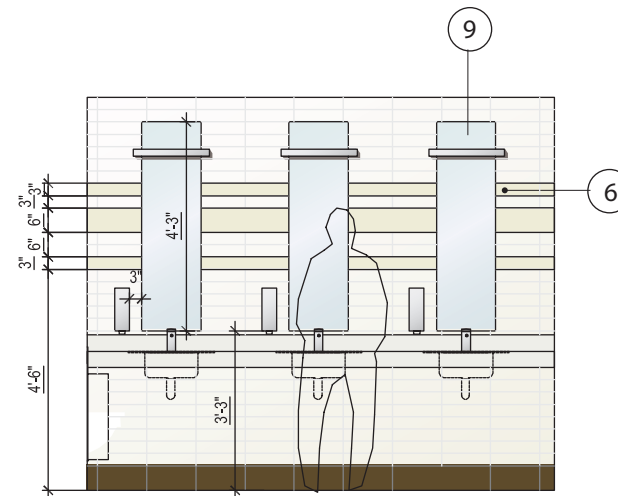
D: Plumbing Fixture Wall Elevation



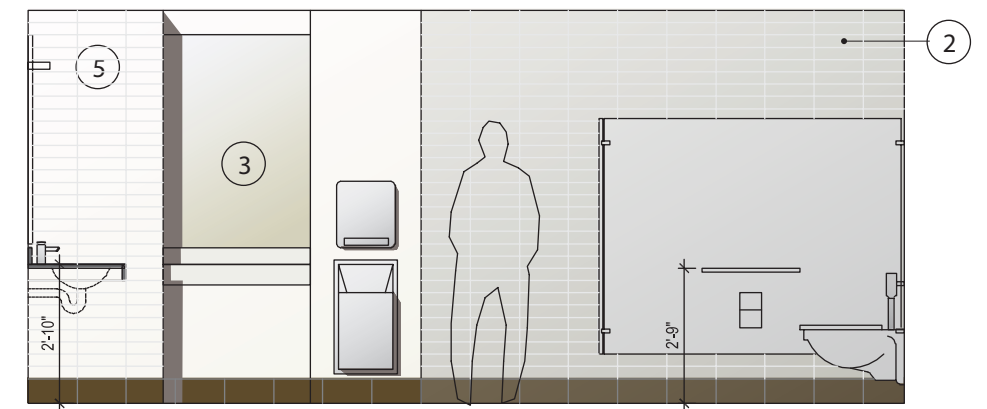
E: Toilet Partition Elevation



F: East Elevation



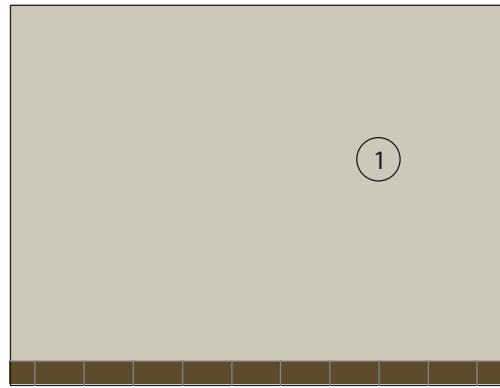
G: Vanity Elevation



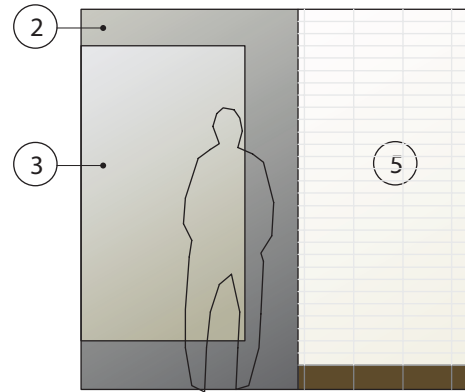
H: Counter Elevation

Men's Restrooms - Prototype

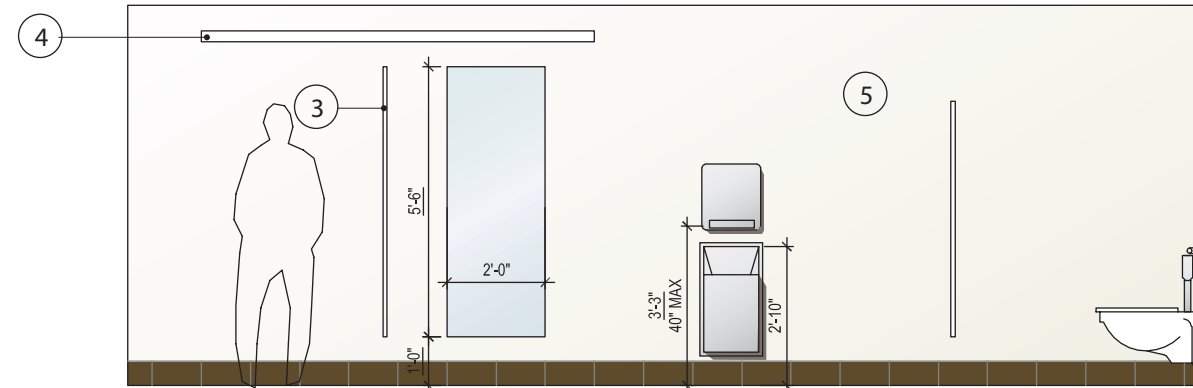
Sunnyvale, CA



A: Entry Elevation



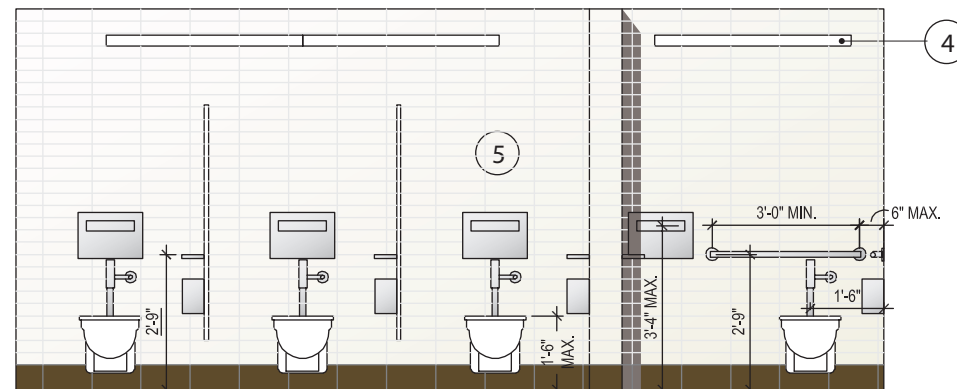
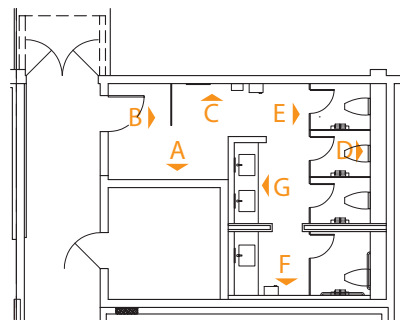
B: Entry Elevation - Translucent Panel



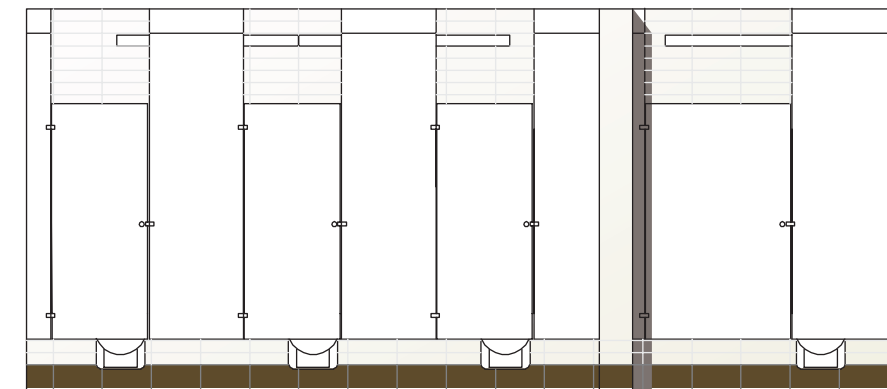
C: North Elevation

1. ACCENT PAINT
2. OPEN BEYOND
3. TRANSLUCENT PANEL
4. WALL MOUNTED LIGHT FIXTURE
5. TYPICAL WALL TILE
6. ACCENT WALL TILE
7. VANITY FIXTURE

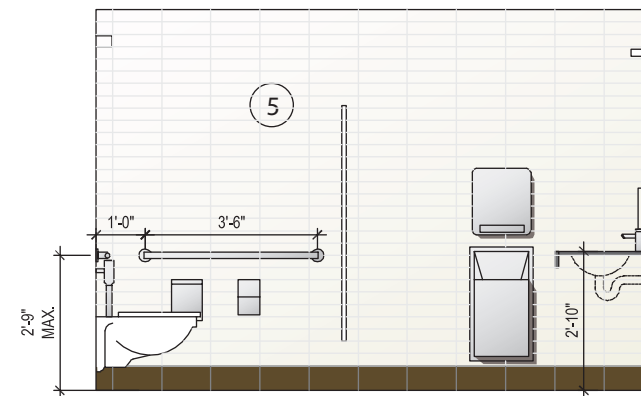
Note: The underlined dimensions are design guideline to align with adjacent wall tile grid.



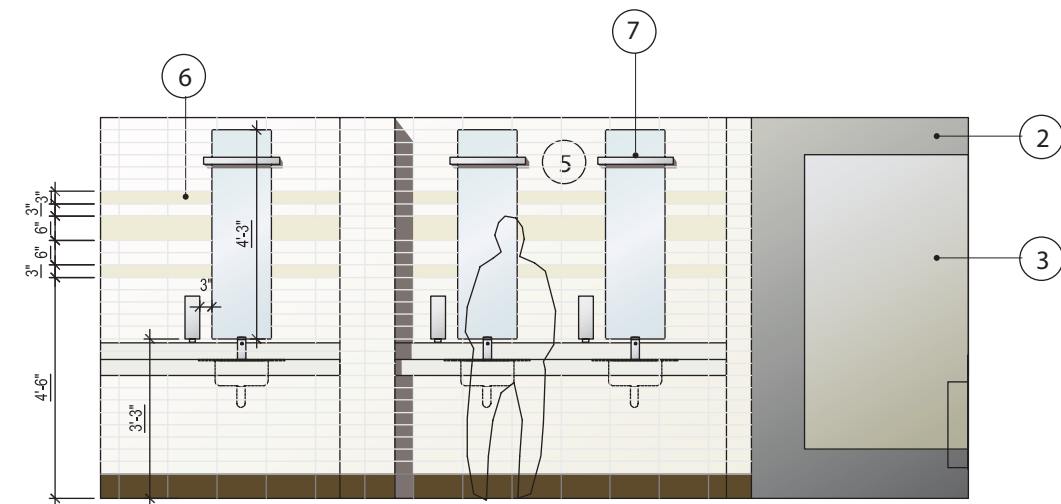
D: Plumbing Fixture Wall Elevation



E: Toilet Partition Elevation



F: South Elevation



G: Vanity Elevation

Women's Restrooms - Prototype

Sunnyvale, CA

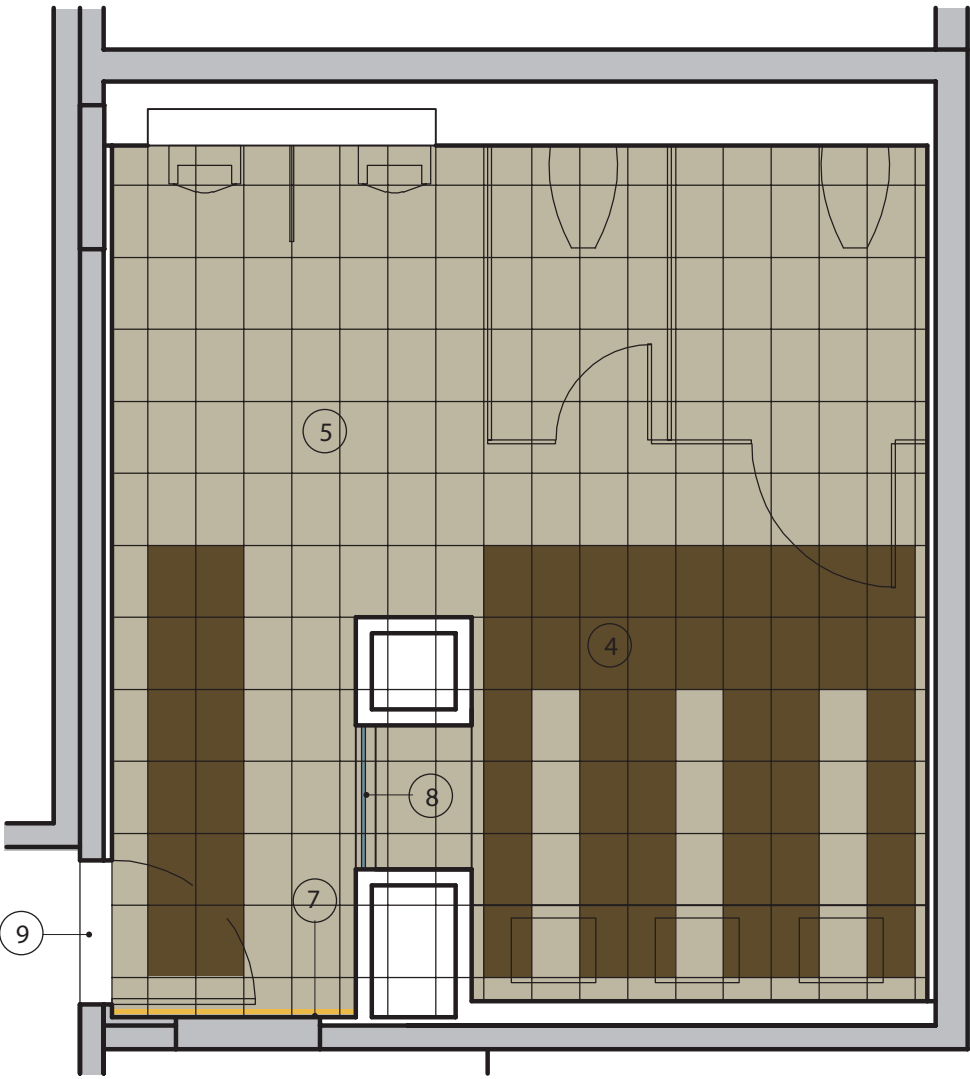
EXAMPLE OF APPLICATION OF FINISHES
SHOWN: EARTH FINISH PALETTE

- 1. TYPICAL WALL TILE : Crossville, Retro Active in A215 Empress White Unpolished, 3" x 12"
- 2. ACCENT WALL TILE: Crossville, Illuminessence (Mixed) in WCB4.10101 Amber Splash
- 3. COUNTER TOP: IceStone in White Pearl Color (ALT Option: CesarStone in 2200 Desert Limestone)
- 4. ACCENT FLOOR TILE: Crossville, Color Blox Too in A1126 Grey Matter, 12" x 18"
- 5. TYPICAL FLOOR TILE Crossville, Color Blox Too in A1176 Tabby Cat color, 12" x 18"
- 6. TYPICAL PAINT (WALL AND CEILING): Kelly Moore (Enviro-Cote) Skijour OW233-1
- 7. ACCENT PAINT: Kelly Moore (Enviro-Cote) Highland Grass KM3974-3
- 8. TRNASLUCENT PANEL: Knoll Imago in Mirage Pewter - IMmira 03
- 9. TRESHOLD: Absolute Black Granite

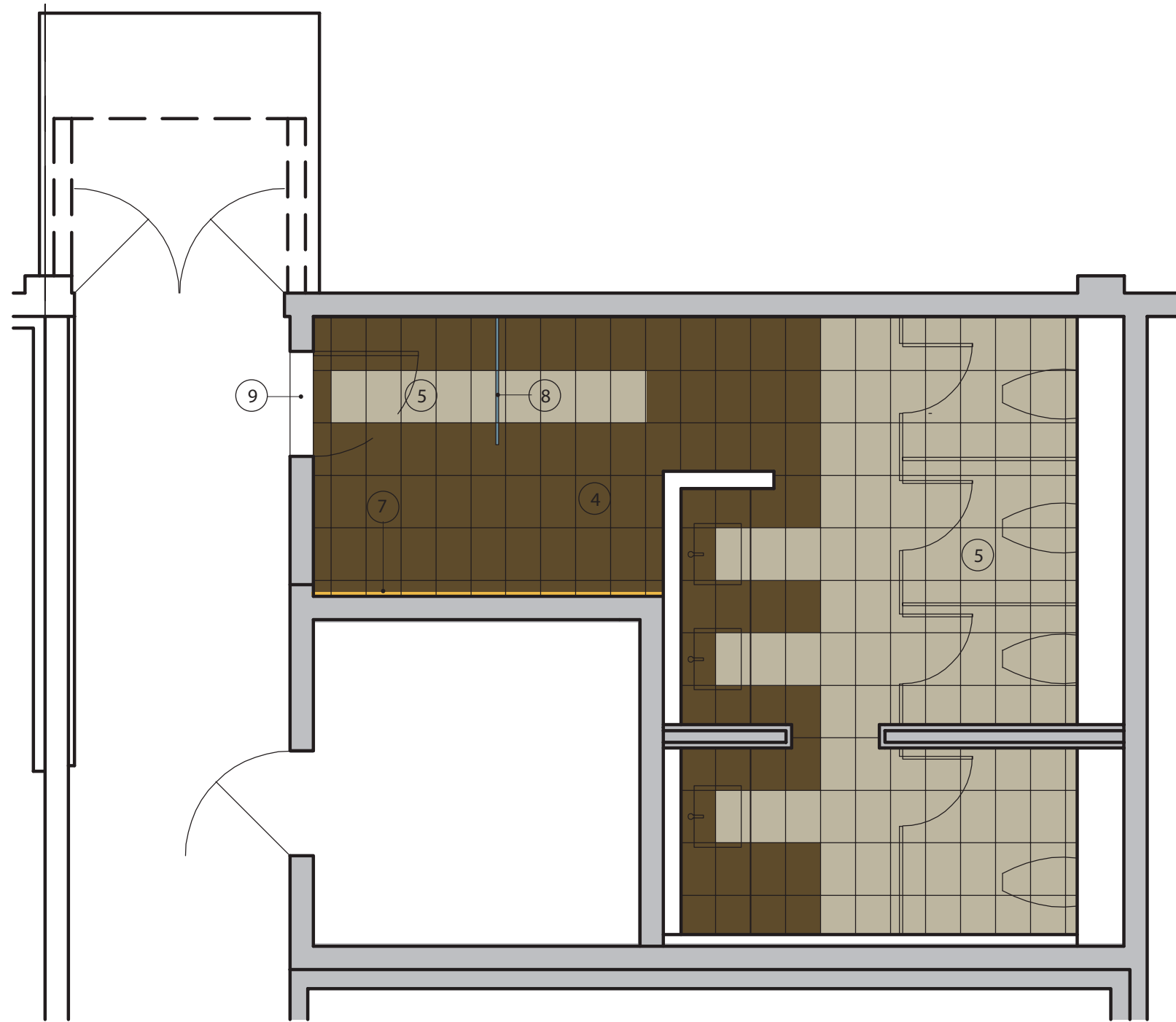
General Note: Refer to elevations for additional wall finish designation



Earth Finish Palette



ENLARGED MEN RESTROOM FINISH PLAN



ENLARGED WOMEN RESTROOM FINISH PLAN

EXAMPLE OF APPLICATION OF FINISHES SHOWN: EARTH FINISH PALETTE

1. TYPICAL WALL TILE : Crossville, Retro Active in A215 Empress White Unpolished, 3" x 12"
2. ACCENT WALL TILE: Crossville, Illuminessence (Mixed) in WCB4.10101 Amber Splash
3. COUNTER TOP: IceStone in White Pearl Color (ALT Option: CesarStone in 2200 Desert Limestone)
4. ACCENT FLOORTILE: Crossville, Color Blox Too in A1126 Grey Matter, 12" x 18"
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7. ACCENT PAINT: Kelly Moore (Enviro-Cote) Highland Grass KM3974-3
8. TRNASLUCENT PANEL: Knoll Imago in Mirage Pewter - IMmira 03
9. TRESHOLD: Absolute Black Granite

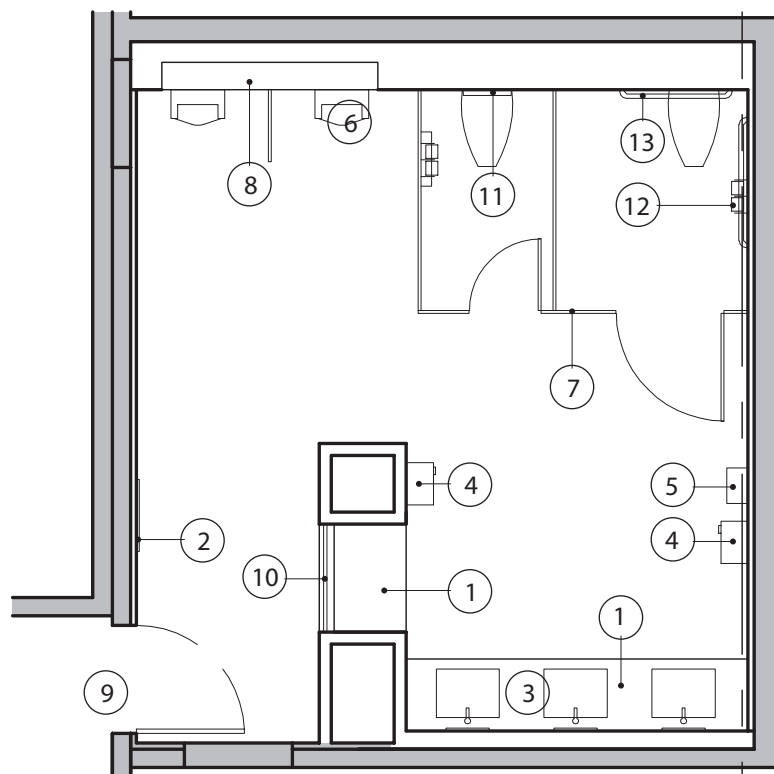
General Note: Refer to elevations for additional wall finish designation



Earth Finish Palette

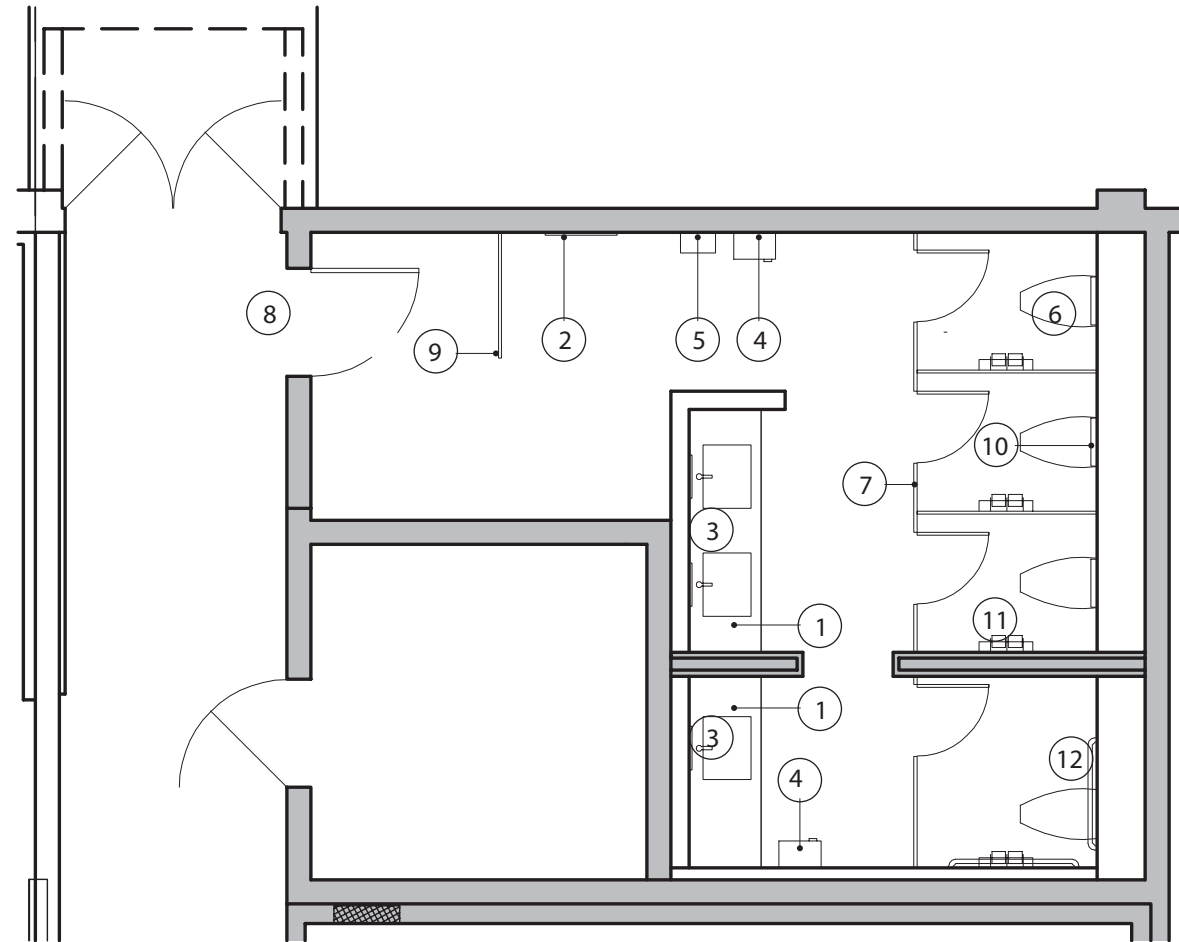
Women's Restroom - Prototype

Sunnyvale, CA



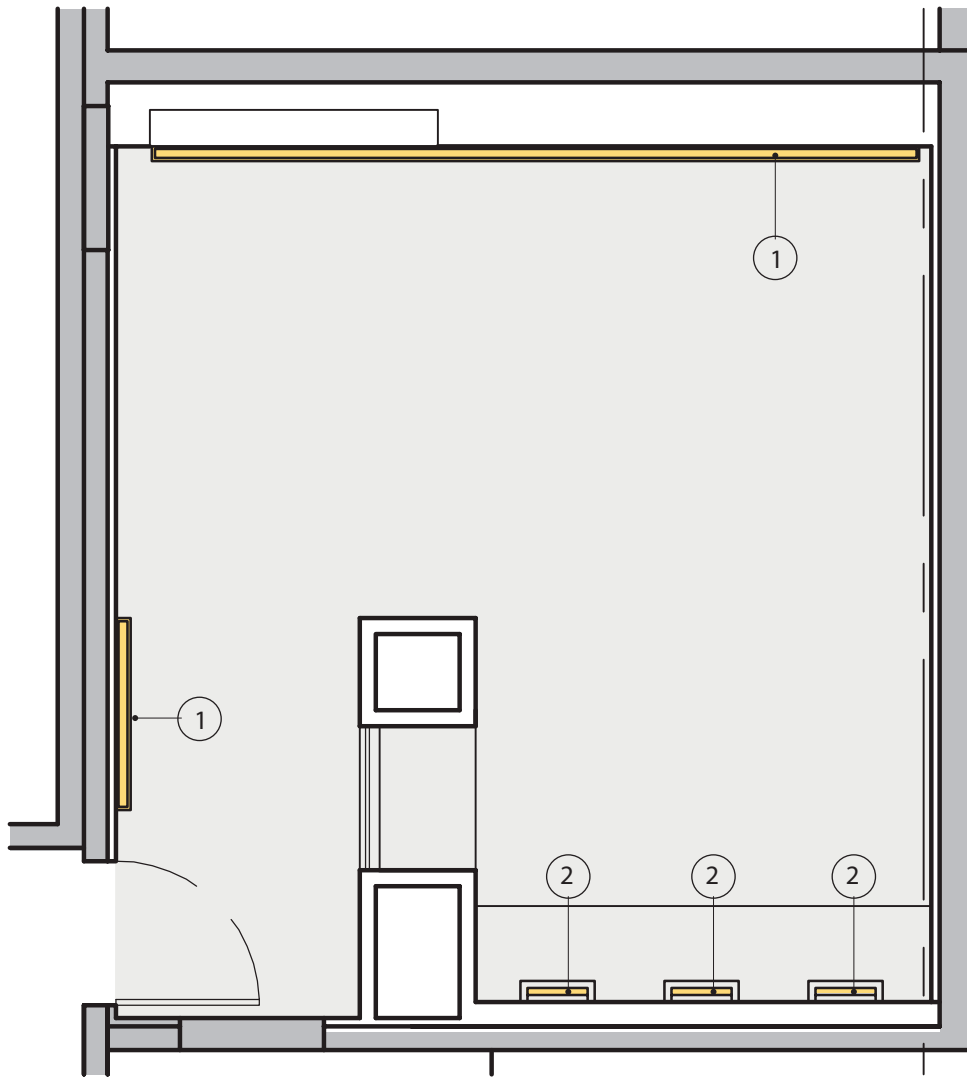
MEN'S RESTROOM PLAN

1. COUNTER
2. MIRROR
3. SINK/FAUCET/SOAP DISPENSER/VANITY MIRROR
4. PAPER TOWEL DISPENSER/TRASH RECEPTACLE
5. HAND DRYER
6. PLUMBING FIXTURE
7. TOILET PARTITION
8. LEDGE/SHELF OVER URINAL (8" DEEP)
9. DOOR SIGNAGE
10. SCREEN
11. SEAT COVER DISPENSER AT EACH STALL
12. TOILET PAPER DISPENSER AND SHELF AT EACH STALL
13. GRAB BAR



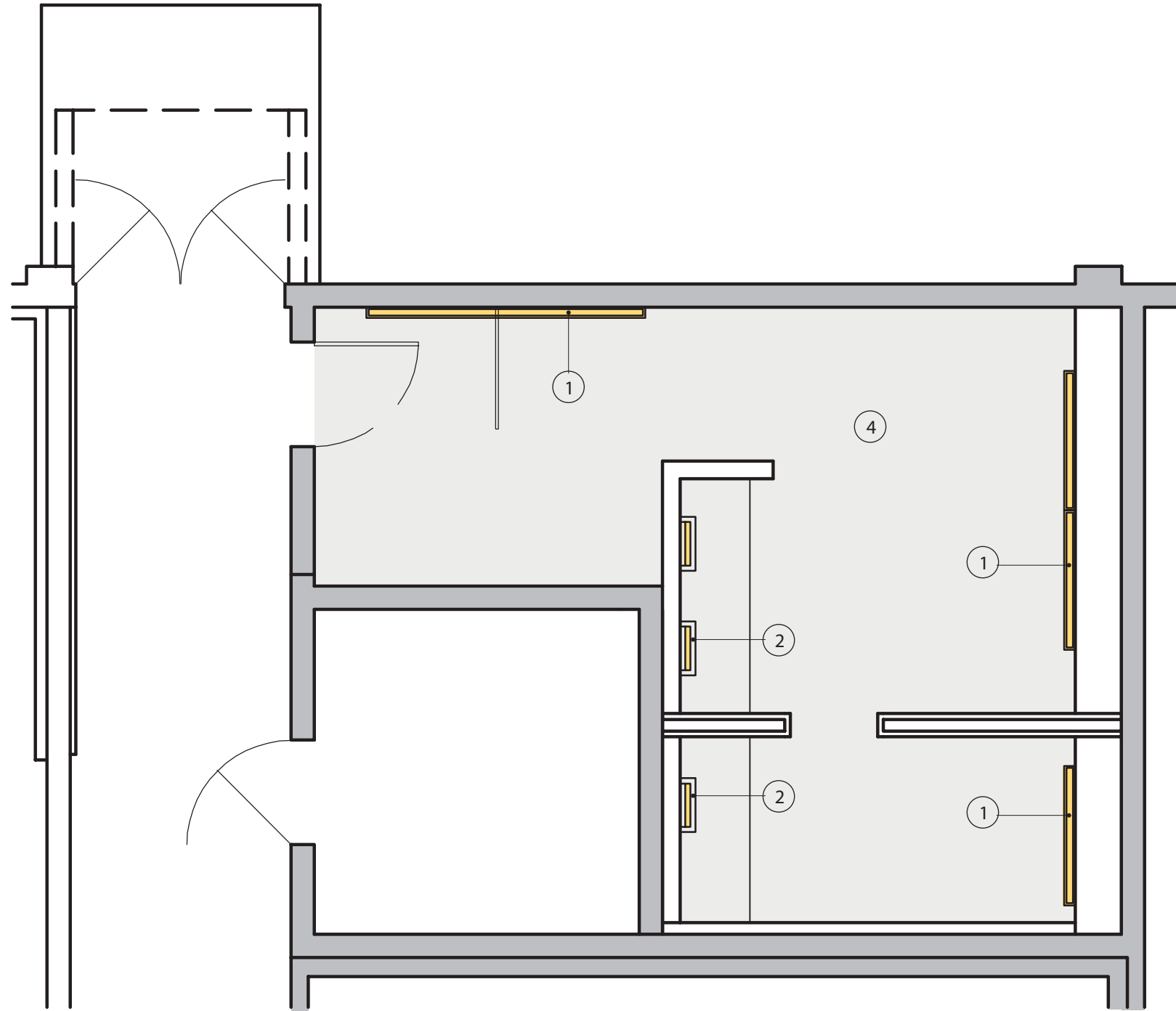
WOMEN'S RESTROOM PLAN

1. COUNTER
2. MIRROR
3. SINK/FAUCET/SOAP DISPENSER/VANITY MIRROR
4. PAPER TOWEL DISPENSER/TRASH RECEPTACLE
5. HAND DRYER
6. PLUMBING FIXTURE
7. TOILET PARTITION
8. DOOR SIGNAGE
9. SCREEN
10. SEAT COVER DISPENSER AT EACH STALL
11. TOILET PAPER DISPENSER AND SHELF AT EACH STALL
12. GRAB BAR



MEN'S RESTROOM REFLECTED CEILING PLAN

1. LINEAR WALL MOUNTED LIGHT FIXTURE
2. VANITY LIGHT FIXTURE



WOMEN'S RESTROOM REFLECTED CEILING PLAN

- 1. LINEAR WALL MOUNTED LIGHT FIXTURE
- 2. VANITY LIGHT FIXTURE

TYPE A: DOWNLIGHT (TYPICAL)

TYPE B: PERIMETER TROUGH (OVER WC. AND URINAL)



TYPE A:



TYPE B:

TYPE C: VANITY FIXTURE (SELECT ONE)

- TYPE C1: RECESSED BETWEEN MIRROR
- TYPE C2: SURFACE ABOVE MIRROR
- TYPE C3: SURFACE BETWEEN MIRROR



TYPE C1:



TYPE C2:



TYPE C3:

Interior Finish Standard



available colour:

ALU ANODISED : 274 80 36 ANO

INCL.1 x BACKSPACE 36 PC SBL

2G11 - 230-240V / 50Hz - 1 x 1~KVG

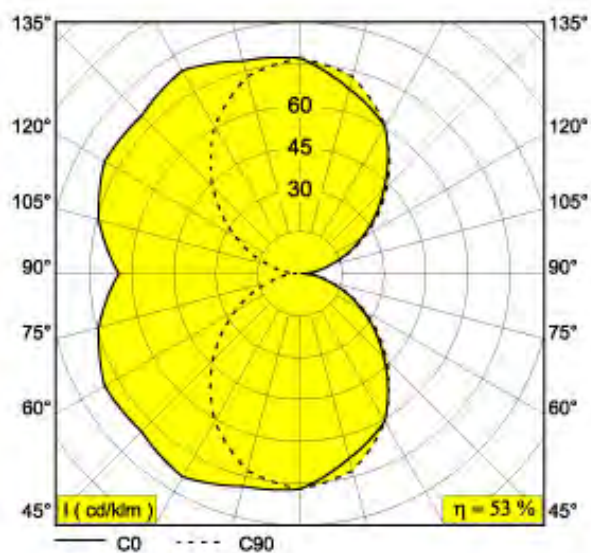
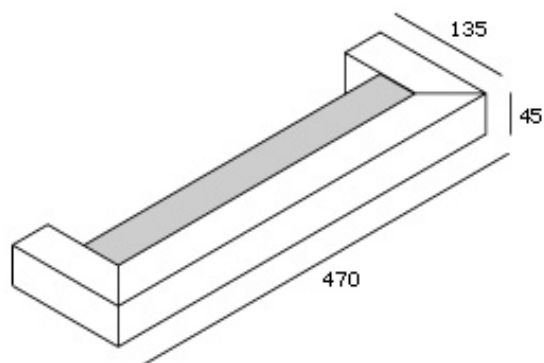
1 x TC-L - 36 W (max)

 1.8 kg IP20

norm: CE

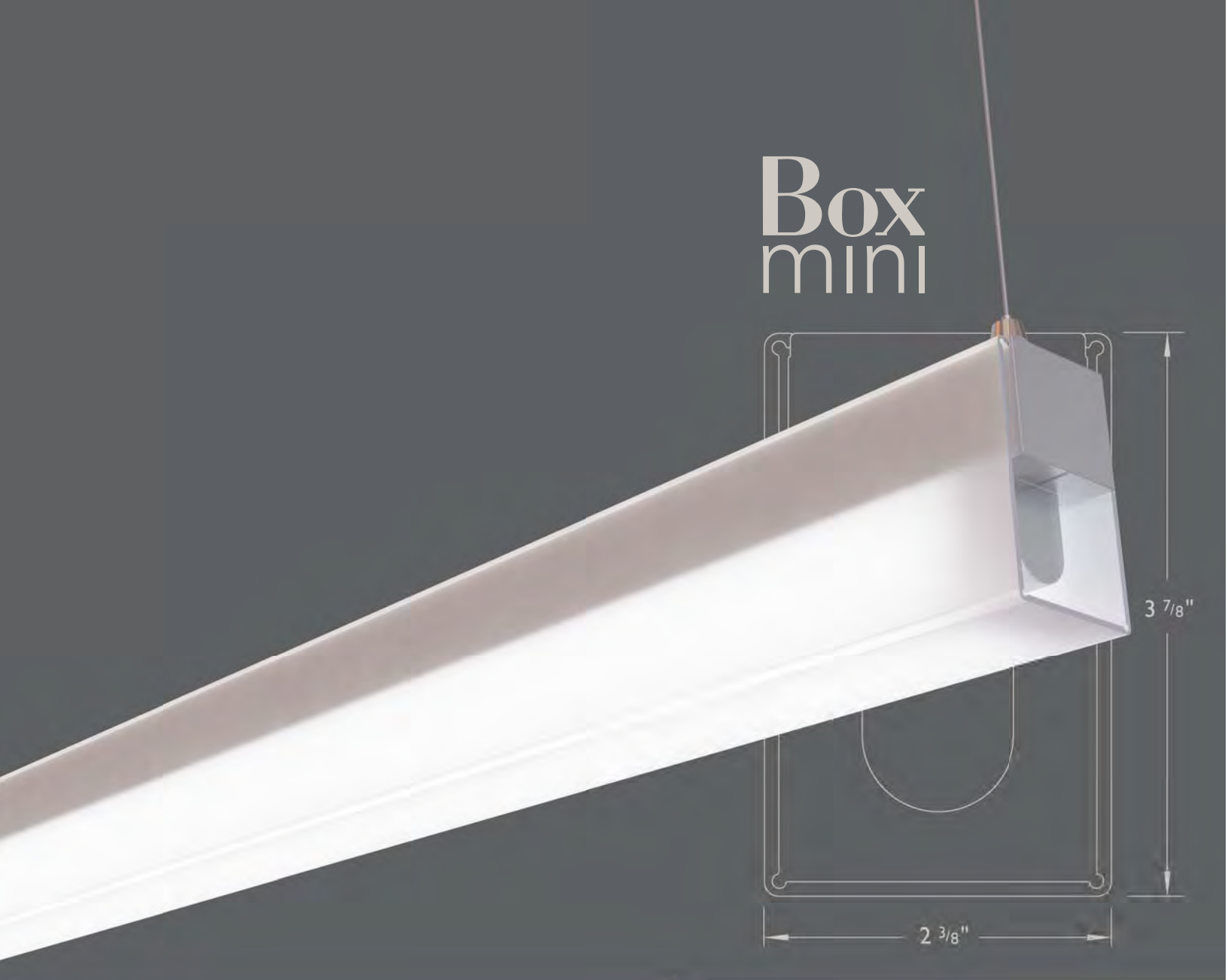
glowtest: 850°C

For detailed installation instructions, please consult the manual.

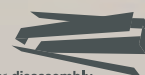
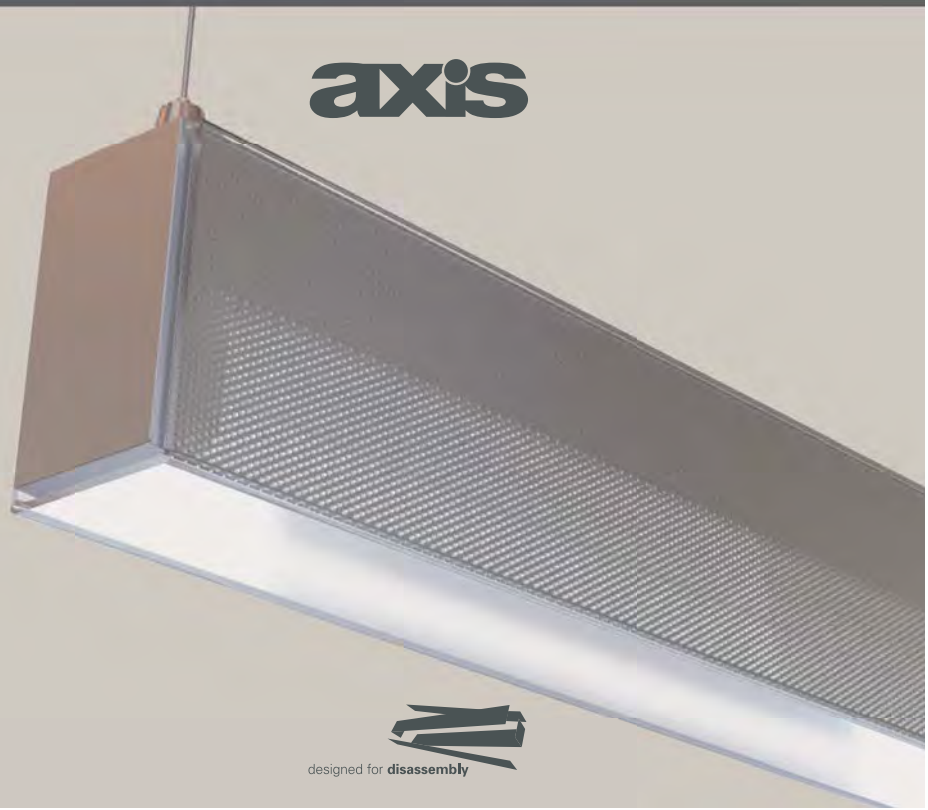




Box mini



axis



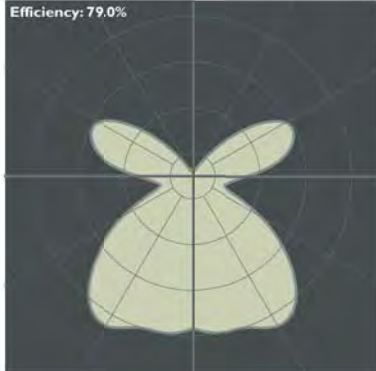
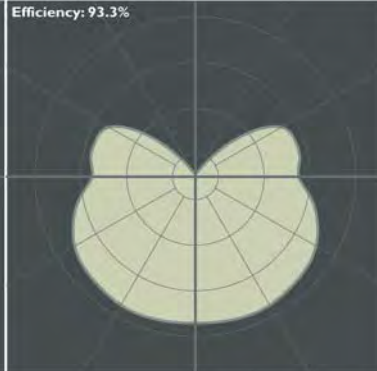
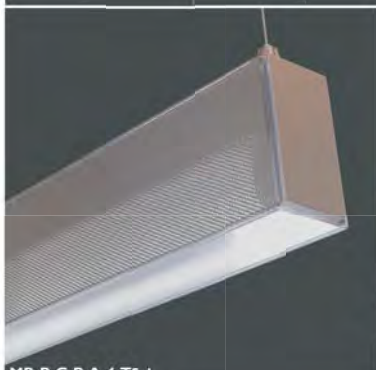
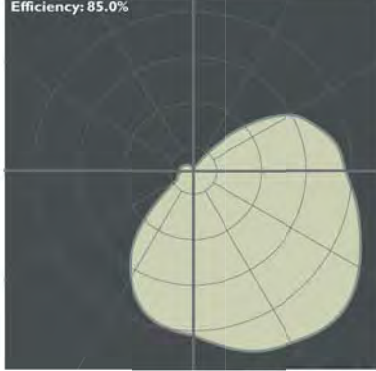
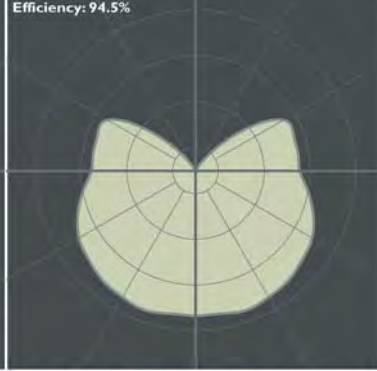
designed for **disassembly**

PRODUCT ORDERING CODES

product id	end cap	lens	opt	type	faces to cover**	length / ft	lamp	# lamps	finish	ballast	voltage	circuits	suspension	other	custom
sample															
ordering options															
MB R W NO NO 4 T5 I A E 120 CA36															
MB +S +VS +W		C W NO		A AA B NO		T5HO T5		A W C		120 277 347		CA # CT# SA18		C	
pendant surface vertical surface wall		clear acrylic lens white frosted lens no lens		cover one side* cover two sides* *for optics B P D C only cover bottom face no face to cover **see light distribution guide		54VW 28VW		aluminum white custom				cable (36" std) cable / t-bar stem (length / inch)		custom description	
T R		SS B P D NO		48-12 S#		I		E ERS D		1 2 +E		B# F			
minimal (tombstone) rectangle		semi-spec baffles blank perf diffusing no optics		system		one lamp		electronic rapid start dimming (specify details)		one circuit two circuits em. circuit		batt. pack (quan. / lumens) fuse (one per ballast)			

ÉCLAIRAGES
axis
LIGHTING

sample
ordering options

 MB-R-C-SS-B-4-T5-I Efficiency: 79.0% 	 MB-R-C-NO-NO-4-T5-I Efficiency: 93.3% 	 MB-TW-NO-NO-4-T5-I Efficiency: 84.0% 
 MB-R-C-P-A-4-T5-I Efficiency: 85.0% 	 MB-TNO-NO-NO-4-T5-I Efficiency: 94.5% 	...and the list goes on. Make sure to check out light distribution guide for all options available.

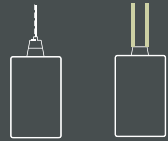
VISIT OUR WEB SITE FOR MORE INFORMATION

LAMPS

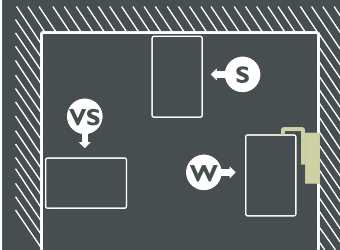


I T5 or T5HO Lamp

MOUNTING



Direct pendant
(aircraft cable or stem)

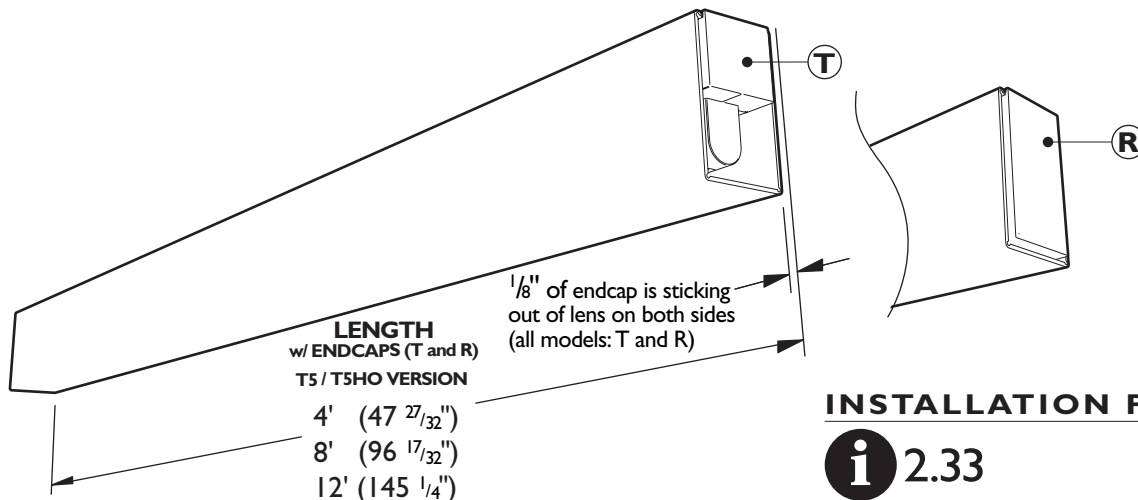
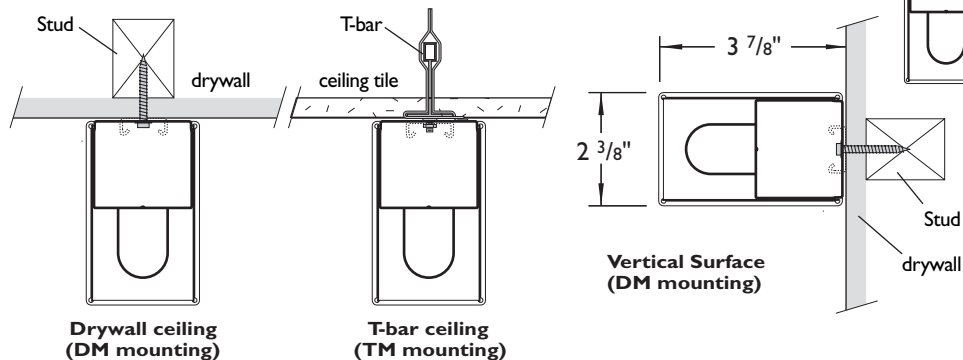


Direct / indirect surface mount
(vertical surface mount available)
Wall mount available

SURFACE MOUNT VERTICAL SURFACES & CEILINGS

OPTICS

See light distribution guide
For Uplight / Downlight components (%)



LAMP CONFIGURATIONS

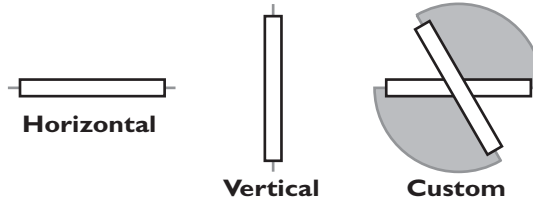


I T5 or T5HO lamp

INSTALLATION PAGES

i 2.33

MOUNTING ANGLES



CONSTRUCTION

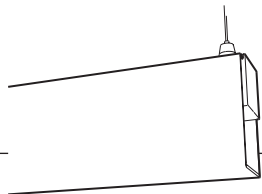
End Cap	Die Cast Zinc (0.065" nominal)
Housing	Extruded Aluminum (0.062" nominal)
Lens	Extruded Impact Modified Acrylic (0.100" nominal)
Interior Brackets	Die Formed Sheet Steel (20 gauge)
Hanger	Die Cast Zinc (0.120" nominal)
Finish	Anodized, Powder Coated, Lacquered

ELECTRICAL

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

PRODUCT ORDERING CODE

product id	end cap	lens	optics type	faces to cover**	length / ft	lamp	# lamps	finish	ballast	voltage	circuits	mounting	other custom
MBS	R	W	NO	NO	4	T5	I	A	E	120	I	DM	
MB pendant +S surface +VS vertical surface +W wall	C clear acrylic lens W white frosted lens NO no lens	A cover one side* AA cover two sides* *for optics B P D only B cover bottom face NO no face to cover **see light distribution guide	TSHO 54W T5 28W	A aluminum W white C custom	120 277 347	DM drywall mount TM t-bar mount	C custom description						
T minimal (tombstone) R rectangle	SS semi-spec baffles B blank P perf D diffusing NO no optics	4-12 S# system	I one lamp	E electronic ERS rapid start D dimming (specify details)	I one circuit 2 two circuits +E em. circuit	B# batt. pack (quan. / lumens) F fuse (one per ballast)							



LIGHT DISTRIBUTION GUIDE

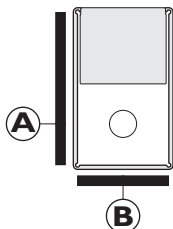
FOR BAFFLES AND INFILL PANELS

Box
mini



Both **miniBox** sizes can be fitted with a large number of optics, making it easy to control the distribution of light. By inserting infill panels or semi-spec baffles in the **miniBox**'s lens channels, you can greatly modify the fixture's function and appearance. These optics can be specified when ordering (see product ordering code) or after the installation. This page will help you specify the right optics.

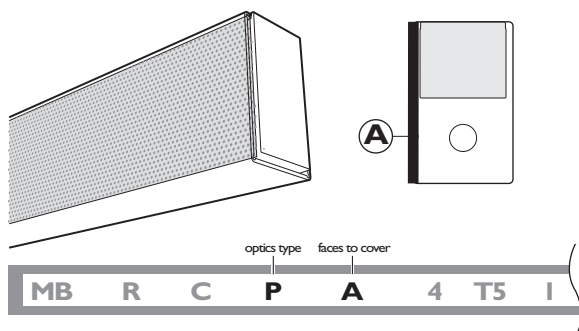
SPECIFYING FACES TO COVER



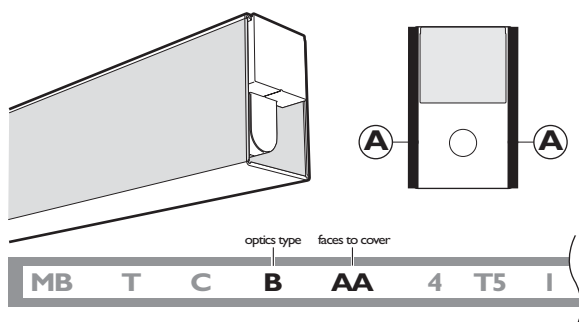
Face **A** refers to either side of the fixture's lens. In the ordering code you will be asked to specify the number of A panels you will need. (Basically A transforms miniBox into an asymmetric fixture while AA makes it a mostly direct fixture, depending on the nature of the infill.)

Face **B** refers to the bottom side of the lens. Please note that SS baffles come with their own A side blank infills unless specified otherwise. No need to specify A sides when ordering baffles.

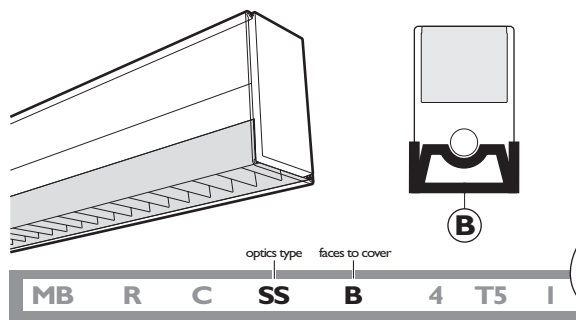
OPTICS (examples with order codes)



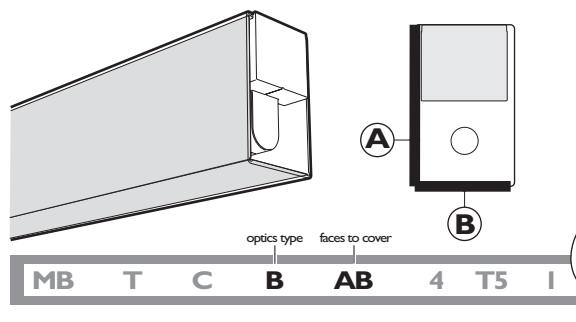
4 foot miniBox, R endcap, with perf on one side
22% Uplight / 78% Downlight



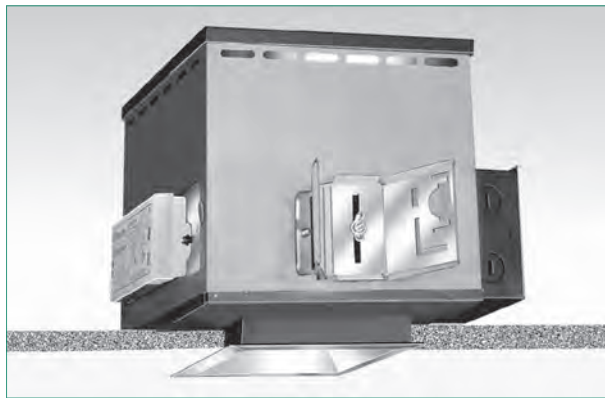
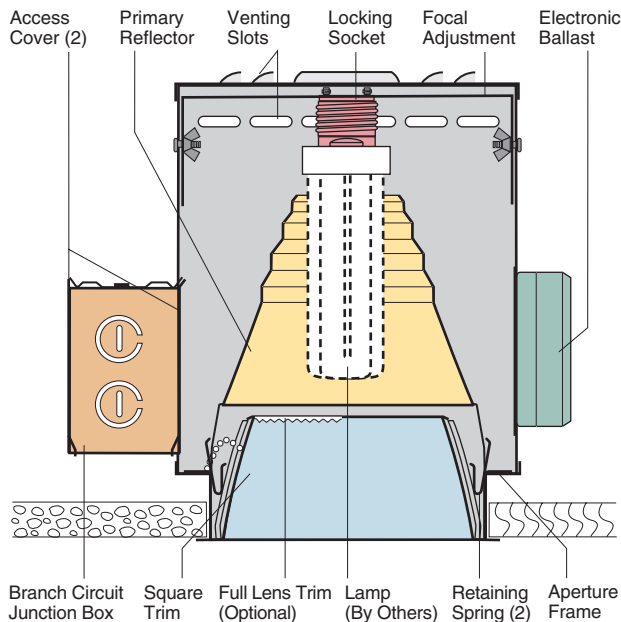
4 foot miniBox, T endcap, with blank infills on two sides
1% Uplight / 99% Downlight



4 foot miniBox, R endcap, with baffles
32% Uplight / 68% Downlight



4 foot miniBox, T endcap, with blank infills on one A side and bottom
51% Uplight / 49% Downlight



Dimensions and Lamps

Number	A Depth	B Aperture	C Width	D Length	Lamps
H8632	11 1/4" 286mm	6" sq. 153mm	12" 305mm	14" 356mm	26-32W Triple Tube compact fluorescent
H8642	11 1/4" 286mm	6" sq. 153mm	12" 305mm	14" 356mm	42W Triple Tube compact fluorescent

Brightness

Number	Lamps	85°	75°	65°	55°	45°
H8632	32W PL-T Philips	55	132	224	391	10904
	32W T/E Osram/Syl	32	84	148	247	9212
H8642	42W PL-T Philips	54	147	252	436	15069
	42W T/E Osram/Syl	37	116	231	2369	15908

Data in footlamberts. Photometer readings, Maximum Brightness Method.

H8632 One 26 or 32W Triple Tube

H8642 One 42W Triple Tube

H22

Compact Fluorescent Downlights

6" Square Parabolic Trim

Optics and Applications

The primary reflector has a unique faceted shape designed for triple tube lamps. Distribution is for general use or task lighting. Suitable for damp locations.

Design Features

Steel housings protect and align reflectors and lamps. A safety locking socket prevents lamp fallout. Trims are stabilized to prevent racking and are retained by constant pressure springs. Maximum ceiling thickness 1 1/2". Top or bottom service.

Finish

Structural parts are painted matte black to suppress stray light leaks. Standard trims are anodized Softglow® clear. Special finishes, textures and colors are available.

Trim Textures

Select among different embossed patterns to match the ambiance of the space being illuminated. Refer to Squares brochure for descriptive photos.

Ballasts

Fully electronic, microprocessor controlled with programmed start to assure rated lamp life. Input voltage ranges from 120V through 277V. Power factor .98, starting temperature 0°F (-18°C), THD<10%. Pre-heat start < 1.0 second. End of lamp life protection. Rated for > 50,000 starts.

General

Fixtures are pre-wired, UL and C-UL listed for eight wire 75°C branch circuit wiring. Union made IBEW. Luminaire Efficiency Rating (LER) data is in the photometric directory located in Section Z.

Accessories

R2	26" support rails.	WT	White trim flange.
R5	52" support rails.	WHT	White complete trim.
SB	Softglow black.	BP	Ball Peen texture.
SG	Softglow gold.	CG	Corrugated texture.
SH	Softglow mocha.	DS	Distressed texture.
SP	Softglow graphite.	WV	Woven texture.
ST	Softglow titanium.	LL	Linear spread lens.
SW	Softglow wheat.	LP	Large prism lens.
SY	Softglow pewter.	MP	Microprism lens.
SZ	Softglow bronze.	DM	Dimming ballast.
BR	Bright trim finish.	V347	347 volt ballast.
FC	Four cell cross baffle.	FR	Frosting on lens, specify lens type.
F	Fuse.		
EM	Emergency power includes integral charger light and test switch visible through aperture. Battery operation for 90 minutes.		

FLT6 Full lens trim, specify lens type, e.g. H8632-FLT6LL.

WRL Wattage restriction label, specify wattage.

Matching Square Units *

Incandescent downlights
Tungsten halogen downlights
Low voltage downlights
Metal halide downlights

Pages H7, H8, H9 , H10

Page H11

Pages H5, H6

Pages H26, H27, H28

* Click for link to pages in blue.

kurt versen

Kurt Versen Company

Point Source Lighting
Westwood, New Jersey 07675

H22 H8632 H8642

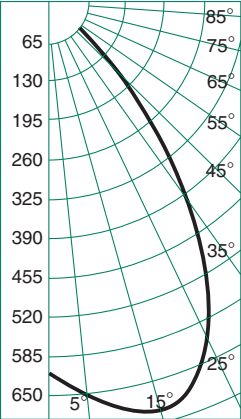
Performance Datachart

Single Unit, Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units, Initial Footcandles, 30" Work Plane									
H8632 One 32W Philips Read Top Data H8632 One 32W Osram Read Bottom Data								Ceiling 80% Walls 50% Floor 20%									
Nadir		10°		20°				30°		Spacing is Maximum Over Work Plane							
FC		FC Diam		FC Diam		FC Diam		Spacing		RCR 1		RCR 3		RCR 8			
20 21		21 21 2'		18 17 4'		11 9 6'		8'		7' 6'		24 28		20 24		14 16	
15 15		15 15 2'		13 12 5'		8 7 8'		9'		8' 7'		17 20		14 17		10 11	
11 11		12 11 3'		10 9 5'		6 5 9'		10'		9' 8'		13 15		11 13		8 9	
9 9		9 9 3'		8 7 6'		5 4 10'		11'		10' 9'		10 12		8 10		6 7	
7 7		7 7 3'		6 6 7'		4 3 11'		12'		11' 10'		8 9		7 8		5 5	

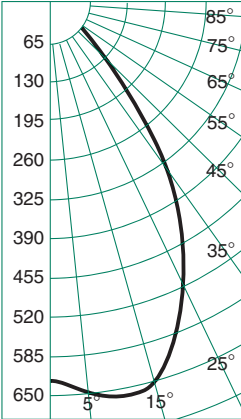
For 26 Watt x.88

Single Unit, Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units, Initial Footcandles, 30" Work Plane			
H8642 One 42W Philips Read Top Data H8642 One 42W Osram Read Bottom Data								Ceiling 80% Walls 50% Floor 20%			
Nadir		10°		20°				Spacing is Maximum Over Work Plane			
FC	FC	Diam	FC	Diam	FC			Diam	Spacing	RCR 1	RCR 3
25 30	27 29	2' 2'	22 22	4' 4'	13 12	6' 6'	8'	6' 6'	30 38	26 32	18 23
18 21	19 20	2' 2'	16 16	5' 5'	9 8	8' 8'	9'	7' 7'	22 27	19 23	13 16
14 16	14 15	3' 3'	12 12	5' 5'	7 6	9' 9'	10'	9' 8'	16 21	14 17	10 12
11 12	11 12	3' 3'	9 9	6' 6'	5 5	10' 10'	11'	10' 9'	13 16	11 13	7 10
9 10	9 16	3' 3'	7 7	7' 7'	4 4	11' 11'	12'	11' 10'	10 13	9 11	6 8

Candlepower Distribution



H8632 32W Philips
Eff 39% S/M 1.19



H8632 32W Osram
Eff. 36% S/M 1.07

Candelas

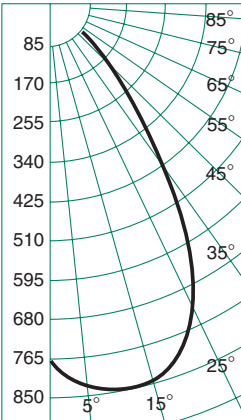
°	P 32W	O 32W
	2400*	2400*
0	620	629
5	643	650
10	678	663
15	692	648
20	673	602
25	615	529
30	517	434
35	389	339
40	283	252
45	174	166
50	41	81
55	15	25
60	11	14
65	0	10
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

° Vertical Angles
* Initial Lamp Lumens

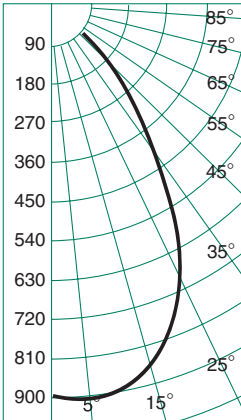
Coefficients of Utilization

Ceiling	80%				70%				50%				30%				0
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10	0
Wall %	Zonal Cavity Method - Floor Reflectance 20%																
RCR																	
1	.44	.43	.42	.41	.42	.40	.40	.39	.39	.38	.38	.36	.34	.31	.30		
2	.42	.40	.38	.36	.39	.36	.38	.35	.36	.34	.31	.30					
3	.39	.36	.34	.33	.36	.32	.35	.32	.34	.31	.30						
4	.37	.34	.31	.30	.33	.29	.32	.29	.32	.29	.28						
5	.35	.31	.29	.27	.31	.27	.30	.26	.29	.26	.25						
6	.33	.29	.26	.25	.29	.24	.28	.24	.27	.24	.23						
7	.31	.27	.24	.23	.27	.22	.26	.22	.26	.22	.21						
8	.29	.25	.22	.21	.25	.21	.24	.21	.24	.20	.20						
9	.28	.23	.21	.19	.23	.19	.23	.19	.22	.19	.18						
10	.26	.22	.19	.18	.22	.18	.21	.18	.21	.18	.17						

H8632 Osram 32W Triple Tube x .93
H8642 Philips and Osram 42W Triple Tube x .86



H8642 42W Philips
Eff 34% S/M 1.14



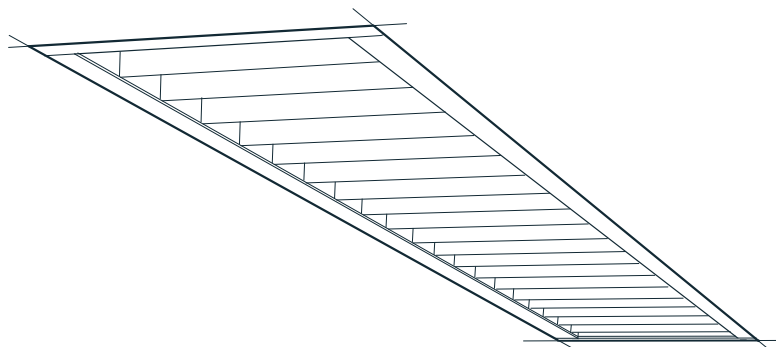
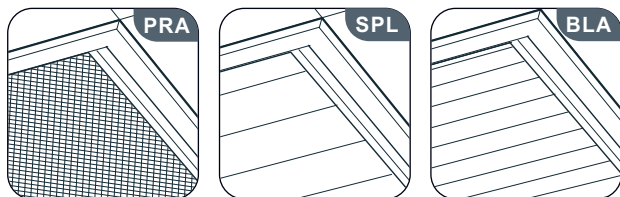
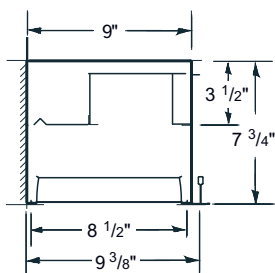
H8642 42W Osram
Eff. 34% S/M 1.01

°	P 42W	O 42W
	3200*	3200*
0	770	898
5	814	908
10	849	903
15	850	853
20	813	797
25	724	682
30	588	550
35	436	408
40	310	297
45	176	195
50	38	86
55	17	17
60	13	12
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

° Vertical
* Initial Lamp Lumens

Notes

- 1 For microprism spread lens multiply data x.88.
- 2 All data with standard trim, Softglow® clear.
- 3 Datachart degree headings measure one side from nadir. Diameter data includes both sides. Therefore the 20° column value describes a 40° pattern diameter at the work plane 30" above the floor. Footcandle values are at the diameter edge.
- 4 Datachart spacing is rounded off to the nearest foot.
- 5 Data by IES methods. Compact fluorescent data vary due to lamp lumen differences, power input, burning position, ambient temperature and ballast characteristics. A modification factor should be applied.
- 6 Colored trim multipliers: Gold x .90, Wheat x .85, Mocha x .80, Pewter x .80, Graphite x .75, Titanium x .75, Bronze x .70, Black x .70.



ordering

series	lamp rows	nominal length	shielding	circuiting	voltage	ceiling system	options
P-87							
	1T8	R__*	PRA_ prismatic acrylic lens	SC single circuit	120	X1* exposed T-bar	EML
	2T8	*row length - advise factory of row and pattern dimensions	SPL* silver parabolic louver	DC* dual circuit (in-line)	277	X3B hard ceiling	EMH
			BLA_ blade louver-aluminum	*2T8 only	347	*standard	DM
			BLW_ blade louver-white				RSE
			_ specify lens/louver position high (-h) or low (-l)				10THD
			*available for low position only				B__
							FH
							QC
							C2
							C6
							CX

Applications Restrooms, retail displays, perimeter shelving.

Features A non-staggered 1- or 2-lamp T8 perimeter lighting system with a 9" aperture and optional parabolic or blade louvers. Blade louvers and lenses can be mounted either flush with ceiling plane (-l) or recessed 3 1/2" in housing (-h) for a floating ceiling appearance. A telescoping extension module offers dimensional flexibility while helping to illuminate corners and row-ends. The aluminum, semi-specular parabolic louver is 1 1/2" and 2 3/8" on center and provides 34° longitudinal shielding.

Construction The housing, available in 2-, 3-, 4-, 6- or 8-foot standard lengths, and wall rails are made of 20-gauge steel. Louver material is semi-specular, low iridescent aluminum.

Finish The standard housing and trim color is gloss white (YGW) using polyester powder paint.

Electrical T8 fixtures have instant-start electronic ballasts with less than 20% THD. Fixtures are U.L. Damp labeled (non-emergency) and I.B.E.W. manufactured. Maximum ballast size available: 2 3/8" width x 1 1/2" height.

Mounting Fixture is recess-mounted in either exposed T-bar or hard ceiling application(s).

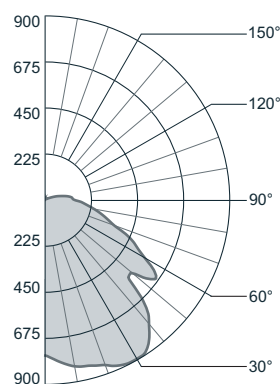
Options **EML**: emergency battery (T8=600-700 lumens); **EMH**: emergency battery (T8=1100-1400 lumens); **DM**: dimming (consult factory); **RSE**: rapid-start electronic; **10THD**: ballast with < 10% total harmonic distortion; **B_**: specific ballast, specify manufacturer and catalog number (consult factory); **FH**: fixture fusing (slow blow); **QC**: quick-connect circuit assemblies; **C2**: 90° 2 way mitered connector; **C6**: 45° corner; **CX**: special connectors.

P-87 » Cove & Perimeter

photometric data

P-87-1T8-SPL

Report # LSI15490 D=92.8% I=7.2%
Lamp Lumens: 2950 Input Watts: 32



Zonal Lumen Summary

Zone	% Lamp	% Luminaire
0-90	50.33	92.78
90-180	3.92	7.22

Efficiency = 54.2%

Luminance Summary (cd/m²)

Angle	0°	45°	90°
45	964	917	575
55	809	815	290
65	697	731	260
75	608	610	424
85	463	435	566

Candlepower Summary

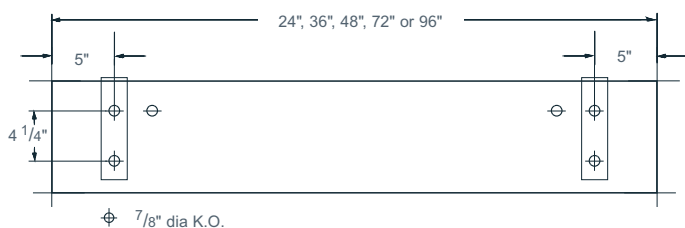
Vertical Angle	Horizontal Angle					Output Lumens
	0°	22.5°	45°	67.5°	90°	
0	758	758	758	758	758	
5	738	746	768	789	790	37
15	635	664	739	802	837	103
25	484	525	651	794	889	152
35	322	357	535	727	879	171
45	169	183	351	529	671	142
55	115	123	206	564	666	139
65	73	88	368	423	480	140
75	39	153	227	266	303	107
85	10	73	143	177	198	68
90	0	51	103	140	151	
95	0	47	97	132	137	46
105	0	35	75	99	77	33
115	0	23	54	57	22	18
125	0	17	36	33	9	10
135	0	8	21	18	7	5
145	0	6	10	8	5	2
155	0	1	4	4	4	1
165	0	0	0	2	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

Coefficients of Utilization (%)

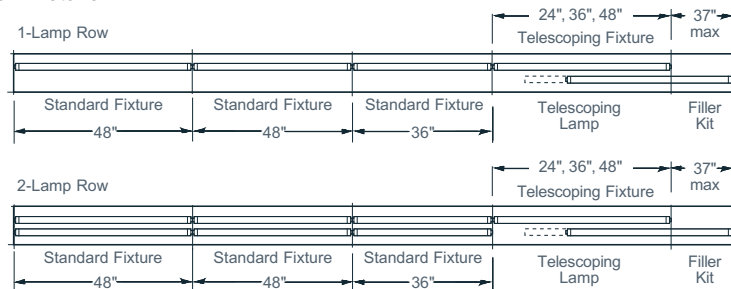
RCR	Floor Ceiling Wall	effective floor cavity reflectance = .20											
		80				70				50			
		70	50	30	10	70	50	30	10	70	50	30	10
0	64	64	64	64	62	62	62	62	58	58	58	58	
1	58	55	53	51	56	54	52	50	51	49	47		
2	53	49	45	42	51	47	44	41	45	42	39		
3	49	43	39	36	47	42	38	35	40	37	34		
4	45	39	34	31	43	38	34	30	36	32	29		
5	41	34	30	26	40	34	29	26	32	28	25		
6	38	31	27	23	37	30	26	23	29	25	22		
7	35	28	24	21	34	28	23	20	27	23	20		
8	33	26	21	18	32	25	21	18	24	20	18		
9	31	24	19	16	30	23	19	16	22	18	16		
10	28	22	17	14	28	21	17	14	20	17	14		

installation

Mounting Locations



Row Details



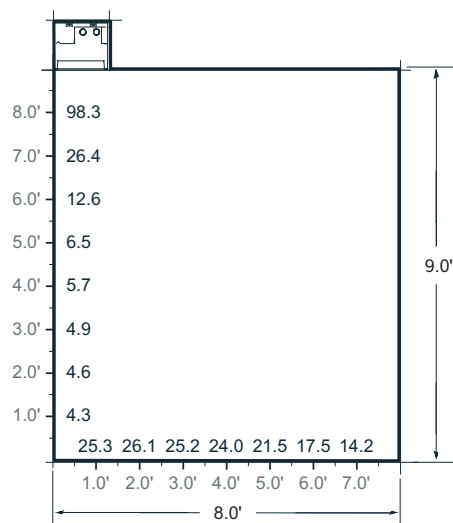
perimeter application

8' x 9' x 20' corridor layout

Reflectances used: 80/50/20

Average Illuminance/Horizontal Grid (o" A.F.F.)

Average Illuminance/Vertical Grid (Wall Surface)



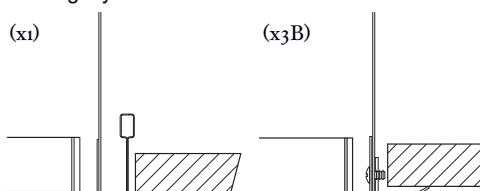
20' Single Fixture – P-87-1T8-SPL

Average Illuminance maintained (LLF = .70)	Max FC	Max : Min	FC's 1'A.F.F
17.1 FC	98.3	22.8 : 1	3.6

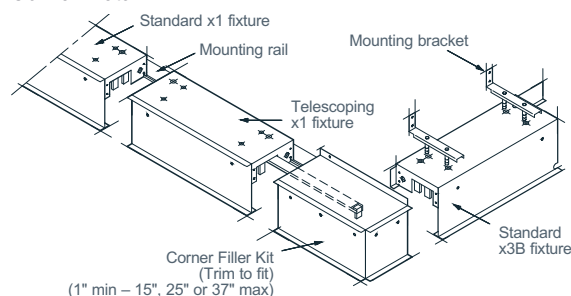
20' Single Fixture – P-87-1T8-SPL

Average Illuminance maintained (LLF = .70) (0" A.F.F.)	Max FC	Max : Min (0" A.F.F.)	Watts/ Square Foot
10.1 FC	26.1	4.2 : 1	.92

Ceiling System



Corner Detail



In an effort to continually provide the highest quality products, Prudential reserves the right to change design specifications and/or materials, without notice.