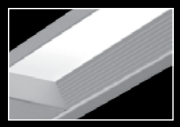
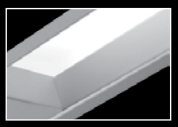
Avenue® B

FLUORESCENT CMH MR16

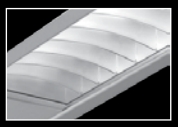
FOCAL POINT®



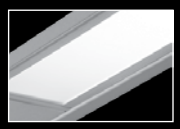
corrugated regress trim



solid regress trim



louver



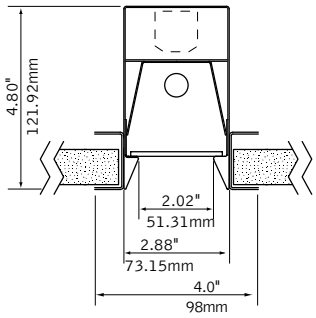
flush lens

flush mount mr16 (25° adjustment)

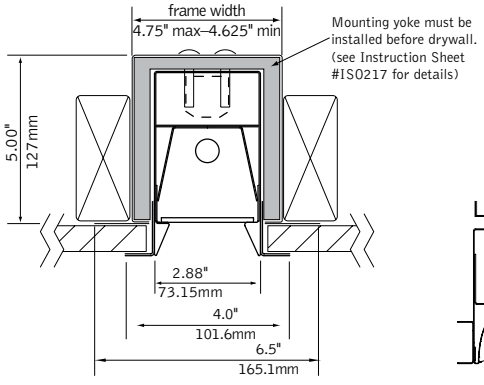
snoot | hex louver | linear | prismatic | sand blasted | soft focus

DIMENSIONAL DATA

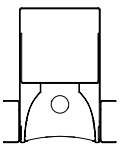
Grid Mount (Regress Trim Shown)



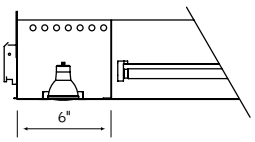
Drywall Flange (Regress Trim Shown)



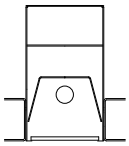
Louver



20W CMH



Flush Lens



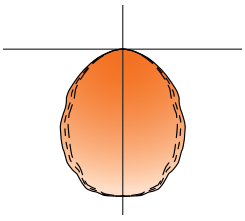
FEATURES

Narrow 3" slot, T5/T5HO fluorescent with 2-Ceramic Metal Halide MR16 lamps.

Shielding options include corrugated, solid regressed trim, louver as well as flush lens.

Avenue® B with MR16 is a great solution for general illumination that also requires the benefits of accent lighting in a narrow aperture.

PERFORMANCE



Flush lens
1–Lamp T5HO

61% Efficient

1339 cd @ 5˚

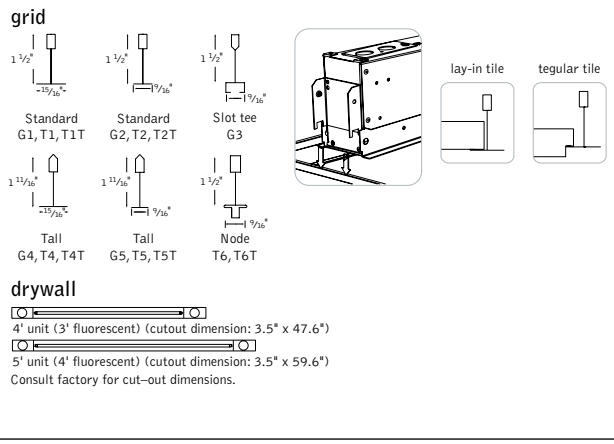
PRODUCT OVERVIEW

Lumen Output:	667-4235lm*
Wattage:	56-169W
Lamping:	MR16, T5, T5HO

Visit focalpointlights.com for complete photometric data.

fixture: project:

MOUNTING INFORMATION



SPECIFICATIONS

Construction

One-piece 20 Ga. steel housing. 20 Ga., steel MR16 housing and faceplate. Two-piece, 20 Ga. spun steel MR16 assembly. Corrugated and solid regress trim constructed of extruded aluminum finished in Matte Satin White. Grid luminaires include 20 Ga. steel, .5" wide flange rail finished in matte satin white. Drywall flange option is provided with 20 Ga. steel, .5" wide flange kit and 20 Ga. galvanized steel mounting yoke. 4' unit weight: 7 lbs., 5' unit weight: 10 lbs.

Optic

22 Ga. steel reflectors finished in High Reflectance White powder coat. Frosted Acrylic lens diffuser .118" thick. Clear Acrylic MicroGlow™ diffuser .125" thick with miniature prismatic pattern. Concave parabolic louver: 1"H x 1" frequency fabricated of low iridescent, semi-specular premium grade aluminum.

Electrical

Luminaires are individually wired for specified circuits. Thru-wiring not available. Electronic ballasts are thermally protected and have a Class "P" rating. Optional dimming ballasts available. Consult factory for dimming specifications and availability. Thermal protector included.

Labels

UL listed for non-insulated ceiling applications only.

Finish

Polyester powder coat applied over a 5-stage pre–treatment. MR16 gimbal finished to match housing.

ORDERING

Luminaire Series		**FAVB**
Avenue B	FAVB	
Shielding		
Corrugated Regressed Trim Frst.Lns	CR	
Solid Regressed Trim Frosted Lens	SR	
Concave Parabolic Louver	PL	
Flush Frosted Lens	FL	
Corrugated Regressed Trim with MicroGlow™ Lens	CRM	
Solid Regressed Trim	SRM	
Flush MicroGlow™ Lens	FLM	
White Concave Parabolic Louver	PW	
Lamping (MR16 lamps provided by others)		
One Lamp T5	1T5	
One Lamp T5HO	1T5HO	
Circuits		**2C**
Dual Circuit (Fluor. switched separately from CMH)	2C	
Voltage		
120 Volt	120	
277 Volt	277	
Ballast		
Electronic Program Start <10% THD	S	
0-10V	D7	
Lutron 1% 3-wire	DH	
Lutron 1% H-Series	DK	
Ceiling Configurations*		
Drywall Flange	F	
Std. 15/16" Lay-in	G1	
Std. 15/16" Tegular	T1	
Std. 15/16" Tegular, against Tee	T1T	
Std. 9/16" Lay-in	G2	
Std. 9/16" Tegular	T2	
Std. 9/16" Tegular, against Tee	T2T	
9/16" Slot-tee Tegular	G3	
Tall 15/16" Lay-in	G4	
Tall 15/16" Tegular	T4	
Tall 15/16" Tegular, against Tee	T4T	
Tall 9/16" Lay-in	G5	
Tall 9/16" Tegular	T5	
Tall 9/16" Tegular, against Tee	T5T	
Node 9/16" Tegular	T6	
Node 9/16" Tegular, against Tee	T6T	
Factory Options		
Chicago Plenum (T5 only, 37W MR16 max)	CP	
Emergency Battery Pack*	EM	
Positional Clips	EQ	
HLR/GLR Fuse	FU	
6' New York City Flex Whip	FNY	
6' Flex Whip	FW	
Include 3000K Lamp*	L830	
Include 3500K Lamp*	L835	
Include 4100K Lamp*	L841	
Wattage Restriction Label (xx= wattage)	WRXX	
MR16 (20W CMH) lamp qty. & gimbal type (Clear lens supplied)		**2CMH**
Flush Mount	2CMH	
MR16 Options		
Snoot	SN	
Linear Spread Lens	LSL	
Prismatic Spread Lens	PSL	
Sand Blasted Lens	SBL	
Soft Focus Lens	SFL	
Finish		
Matte Black Housing	BK	
Titanium Silver	TS	
Matte White Housing	WH	
Luminaire Length		
4' Nominal Housing (3' fluor. lamp)	4'	
5' Nominal Housing (4' fluor. lamp) (For row mount in drywall ceiling, specify luminaire run length, ie 24')	5'	

Focal Point LLC reserves the right to change specifications for product improvement without notification.

*For more information visit focalpointlights.com/reference or consult factory.
Quickship is a limited offering, visit focalpointlights.com/quickship for specifics.

Avenue® B

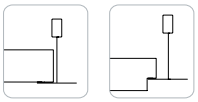
FLUORESCENT & LED GRID CEILING CONFIGURATIONS

FOCAL POINT®

Avenue B is configured at our factory to integrate easily with your specified grid type, tile style and fixture position. Please review the below options and choose the mounting code that matches your application.

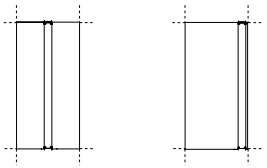
TILE STYLE

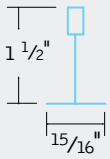
Lay-in tile | Tegular tile



FIXTURE POSITION

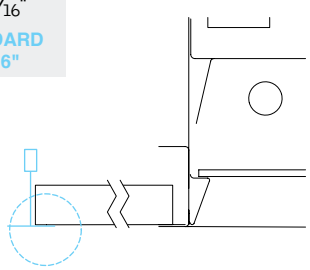
Between Tees | Against Tee



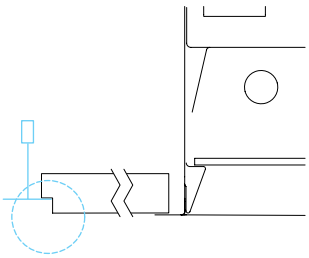


STANDARD 15/16"

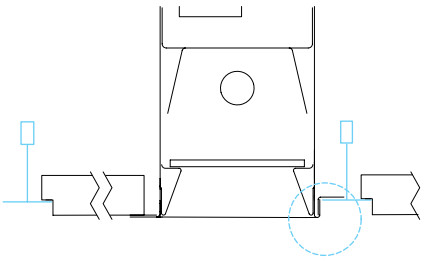
G1
Lay-in tile,
any fixture placement

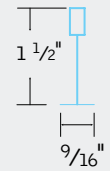


T1
Tegular tile,
fixture between tees



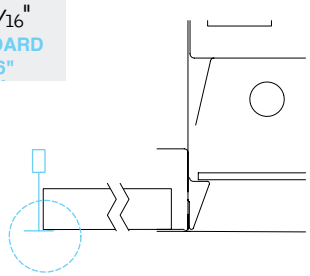
T1T
Tegular tile,
fixture against tee



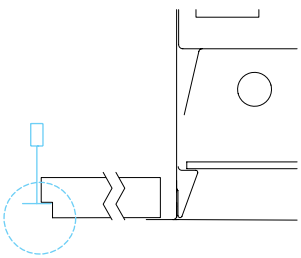


STANDARD 9/16"

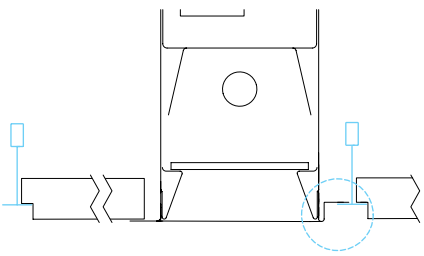
G2
Lay-in tile,
any fixture placement

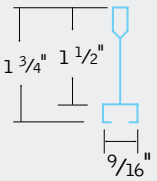


T2
Tegular tile,
fixture between tees



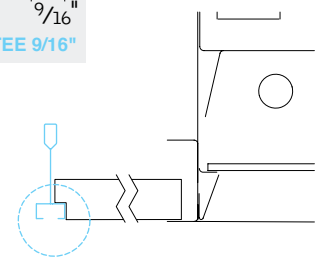
T2T
Tegular tile,
fixture against tee

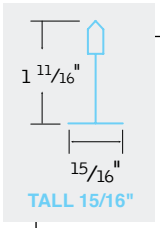




SLOT TEE 9/16"

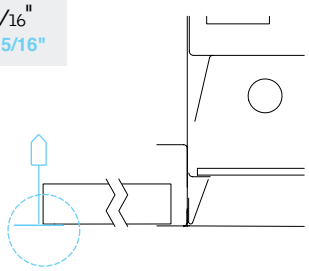
G3
Slot-tee tegular tile,
any fixture placement



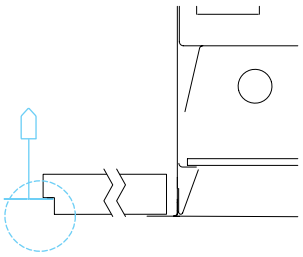


TALL 15/16"

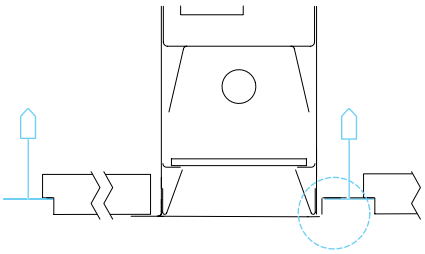
G4
Lay-in tile,
any fixture placement

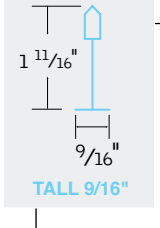


T4
Tegular tile,
fixture between tees



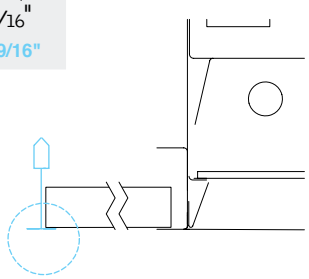
T4T
Tegular tile,
fixture against tee



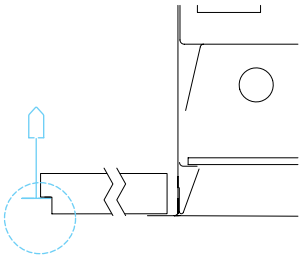


TALL 9/16"

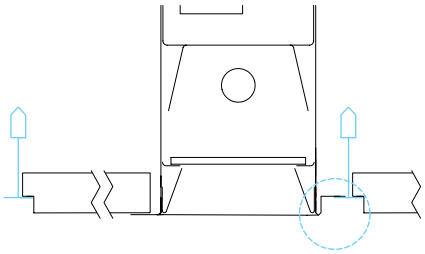
G5
Lay-in tile,
any fixture placement

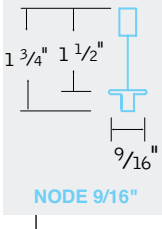


T5
Tegular tile,
fixture between tees



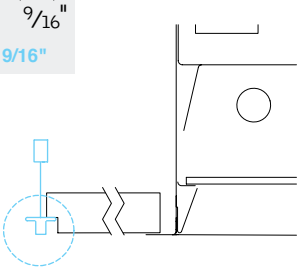
T5T
Tegular tile,
fixture against tee



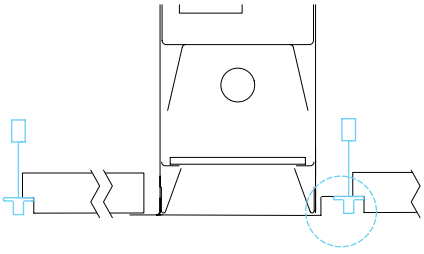


NODE 9/16"

T6
Tegular tile,
fixture between tees



T6T
Tegular tile,
fixture against tee



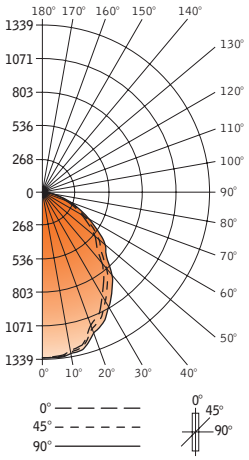
Avenue® B

FLUORESCENT - FLUSH LENS

FAVB-FL-1T5HO-1C-120-S-G1-WH-4'

Filename: FAVBFL1T5.IES
Test #: 16381.0
Lumens: 2220lm
Efficiency 61%

CANDELPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle 0°	22.5°	45°	67.5°	90°	Zonal Lumens
0°	1331	1331	1331	1331	1331	
5°	1341	1339	1336	1332	1332	128
15°	1301	1295	1282	1271	1265	364
25°	1165	1153	1121	1090	1080	519
35°	980	958	914	874	858	876
45°	734	711	664	65	612	518
55°	551	529	491	462	453	445
65°	344	331	306	290	283	308
75°	165	159	151	143	141	160
85°	39	39	39	37	37	42
90°	0	0	0	0	0	
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

LUMEN SUMMARY

	Zone	Lumens	% Lamp	% Fixture
	0-30°	1010	20.2	33.0
	0-40°	1586	31.7	51.9
	0-60°	2548	51.0	83.3
	0-90°	3058	61.2	100.0
Total Luminaire	0-180°	**3058**	**61.2**	**100.0**

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	18298	16553	15256
55°	16933	15090	13922
65°	14348	12763	11804
75°	11238	10284	9603
85°	7888	7888	7483

CO-EFFICIENTS OF UTILIZATION

Floor		80				70			50	30		10		00
Ceiling									20					
Wall		70	50	30	10	70	50	10	50	10	50	10	50	10	00
RCR	0	73	73	73	73	71	71	71	68	68	65	65	62	62	61
	1	68	65	63	61	66	64	60	61	58	59	56	57	54	53
	2	62	58	54	51	61	57	50	55	49	53	48	51	47	46
	3	57	52	47	44	56	51	43	49	43	47	42	46	41	40
	4	53	46	41	68	52	46	38	44	37	43	37	41	36	35
	5	49	41	36	33	47	41	32	39	32	38	32	37	31	30
	6	45	37	32	29	44	37	28	36	28	35	28	34	28	27
	7	42	34	29	25	41	33	25	32	25	31	25	31	25	23
	8	38	30	25	22	37	30	22	29	22	28	22	28	22	20
	9	35	7	23	19	35	27	19	26	19	26	19	25	19	18
	10	33	25	20	17	32	25	17	24	17	24	17	23	17	16

Numbers indicate percentage values of reflectivity.

Go to www.focalpointlights.com for additional photometric data.

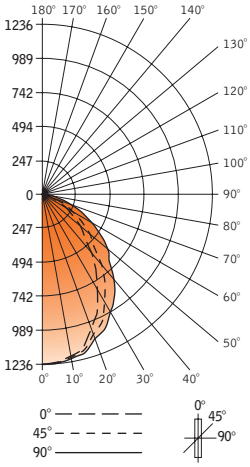
Avenue® B

FLUORESCENT - REGRESS LENS

FAVB-SR-1T5HO-1C-120-S-G1-WH-4'

Filename: FAVBSR1T5HO.IES
Test #: 16377.0
Lumens: 2713lm
Efficiency 52%

CANDELPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle 0°	22.5°	45°	67.5°	90°	Zonal Lumens
0°	1263	1263	1263	1263	1263	
5°	1256	1255	1254	1252	1251	120
15°	1218	1214	1199	1187	1179	340
25°	1101	1085	1048	989	965	481
35°	934	908	815	729	695	513
45°	711	669	545	467	444	437
55°	542	479	368	311	292	353
65°	348	282	202	162	149	222
75°	167	115	64	54	52	91
85°	35	17	15	15	14	20
90°	0	0	0	0	0	
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

LUMEN SUMMARY

	Zone	Lumens	% Lamp	% Fixture
	0-30°	941	18.8	36.5
	0-40°	1454	29.1	56.4
	0-60°	2244	44.9	87.1
	0-90°	2576	51.5	100.0
Total Luminaire	0-180°	**2576**	**51.5**	**100.0**

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	17724	13586	11068
55°	16657	11309	8974
65°	14515	8425	6215
75°	11374	4359	3542
85°	7079	3034	2831

CO-EFFICIENTS OF UTILIZATION

Floor		80				70			50	30		10		00
Ceiling									20					
Wall		70	50	30	10	70	50	10	50	10	50	10	50	10	00
RCR	0	61	61	61	61	60	60	60	57	57	55	55	53	53	52
	1	57	55	53	52	56	54	51	52	49	50	48	48	47	46
	2	53	50	47	44	52	49	44	47	43	45	42	44	41	40
	3	49	45	41	38	48	44	38	42	37	41	37	40	36	35
	4	46	40	36	33	44	40	33	38	33	37	32	36	32	31
	5	42	36	32	29	41	36	29	35	29	34	28	33	28	27
	6	39	33	29	26	38	32	26	31	25	31	25	30	25	24
	7	36	30	26	23	35	9	23	29	22	28	22	27	22	21
	8	33	27	23	20	33	27	20	26	20	25	20	25	20	19
	9	31	24	20	18	30	24	18	23	17	26	17	22	17	16
	10	29	22	18	16	28	22	16	21	16	21	16	20	15	15

Numbers indicate percentage values of reflectivity.

Go to www.focalpointlights.com for additional photometric data.

note: Photometric testing performed in an independent lab with standard lamps and ballasts. Lamp and ballast type and configuration will affect photometric performance.

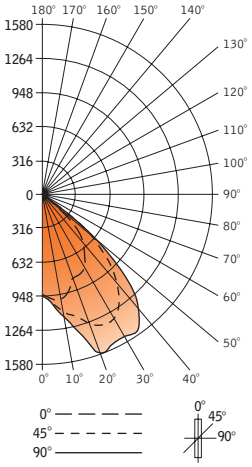
Avenue® B

FLUORESCENT - LOUVER

FAVB-PL-1T5HO-1C-120-S-G1-WH-4'

Filename: FAVBPL1T5H.IES
Test #: 16526.0
Lumens: 2727lm
Efficiency 55%

CANDELPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle 0°	22.5°	45°	67.5°	90°	Zonal Lumens
0°	953	953	953	953	953	
5°	1001	1010	1033	1041	1046	98
15°	957	1056	1200	1319	1360	335
25°	840	1023	1381	1557	1583	599
35°	696	1021	1269	1492	1598	774
45°	485	715	912	1072	1168	683
55°	96	158	295	261	215	195
65°	23	25	28	46	43	33
75°	7	7	7	10	10	9
85°	2	2	2	2	2	2
90°	0	0	0	0	0	
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

LUMEN SUMMARY

	Zone	Lumens	% Lamp	% Fixture
	0-30°	1032	20.6	37.8
	0-40°	1806	36.1	66.2
	0-60°	2684	53.7	98.4
	0-90°	2727	54.5	100.0
Total Luminaire	0-180°	**2727**	**54.5**	**100.0**

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	9174	17251	22093
55°	2239	6879	5013
65°	728	886	1361
75°	362	362	517
85°	307	307	307

CO-EFFICIENTS OF UTILIZATION

Floor		20												
Ceiling		80				70			50		30		10	00
Wall		70	50	30	10	70	50	10	50	10	50	10	50	10	00
RCR	0	65	65	65	65	63	63	63	61	61	58	58	56	56	55
	1	61	60	58	56	60	58	56	56	54	54	52	52	51	50
	2	58	55	52	50	56	54	49	52	48	50	47	49	46	45
	3	54	50	47	44	53	49	44	48	43	46	42	45	42	41
	4	50	45	42	39	49	45	39	43	38	42	38	41	37	36
	5	47	41	37	34	46	41	34	40	34	39	34	38	33	32
	6	43	38	34	31	43	37	31	36	30	35	30	35	30	29
	7	40	34	30	27	39	34	27	33	27	32	27	31	26	26
	8	37	30	26	24	36	30	24	29	23	29	23	28	23	22
	9	34	27	23	20	33	27	20	26	20	26	20	25	20	19
	10	31	25	21	18	31	24	18	24	18	23	18	23	18	17

Numbers indicate percentage values of reflectivity.

Go to www.focalpointlights.com for additional photometric data.

note: Photometric testing performed in an independent lab with standard lamps and ballasts. Lamp and ballast type and configuration will affect photometric performance.