



# Lightedge®

## Indirect / Direct T5 / T5HO

Type:

Project:

## SPECIFICATIONS

Wall Mount — Modular / 7 1/2" x 2" Angular

EGAW4

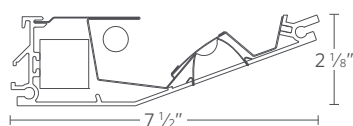
## CATALOG NUMBER

FTN

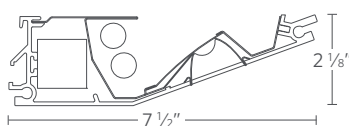
Examples: EGAW4 1 54T5HO 36FTN R12 120 GEB10 2SE EL SCT LP835 C100 — EGAW4 2 54T5HO 12FTN R12 277 GEB10 DCT L/LP C100

## AVAILABLE FIXTURES

## EGAW4 - 1



## EGAW4 - 2



## SPECIFICATIONS

## Construction

Housing and endcap AA 6063 T6 extruded aluminum forming a 7 1/2" x 2 1/8" angular channel.

## Reflectors

Die-formed reflectors combine hammertone specular aluminum and baked white enamel (nominal reflectance 90%). Prismatic acrylic kicker lens on 1 lamp product.

## Shielding

Parabolic semi-specular aluminum baffles with opal diffuser.

## Finish

Satin anodized standard; custom colors available.

## Electrical

Specify 120 volt, 277 volt, or 347 volt. C-UL listed and labeled. For special circuiting, consult factory.

## Fixture Length

4', 8' and 12' lengths in a single section. For total fixture length add 4" for each end-cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer-length fixtures.

## ORDERING LOGIC

Use guide below to order complete fixture runs from four feet to one-hundred feet in increments of four.

FTN							
Fixture	# of Lamps in Cross Section	Lamp Type	Nominal Row Length <sup>1</sup>	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules <sup>2</sup>
EGAW4	1	54T5HO 54W 4' T5HO			120	GEB10 <10% THD ELECTRONIC	
	2	28T5 28W 4' T5		R4 4' section R8 8' section R12 12' section	277 347	ADEZ <sup>4,5</sup> Advance Mark 10 dimming ECO10 <sup>4</sup> Lutron ECO-10 dimming OSDIM <sup>4,5</sup> Osram 0-10v dimming <i>Reference Ballast Chart on website or consult factory for other options.</i>	Blank 1SE 1 section 2SE 2 sections XSE X sections
Emergency Type <sup>3</sup>							
Emergency Type <sup>3</sup>	Switching	Lamp Color	Finish	Options			
Blank	SCT Single Circuit	L/LP No Lamp	C100 Satin Anodized Finish (Standard)	DL Damp Location Label			
EL Emergency Battery Pack	DCT Dual Circuit	LP830 3000k 80+ CRI	DU Dust Cover	ELH EM Through wire w/ Separate Feed			
EC Emergency Circuit/Night Light		LP835 3500k 80+ CRI	C099 Custom Color (consult factory)	ELS EM Through Wire w/ Single Feed			
EN Emergency Battery Pack w/ Night Light Circuit		LP841 4100k 80+ CRI	C200 Peerless Standard White (Low Gloss)	EXT 3" Extended Mount			
		Available with T5 only	C005 Soft White (Low Gloss)	GLR Fusing (Fast blow)			
		LP830P* 3000k 80+ CRI Premier Lamp	C032 White White (Gloss)	GMF Fusing (Slow Blow)			
		LP835P* 3500k 80+ CRI Premier Lamp	C041 White White (Low Gloss)				
		LP841P* 4100k 80+ CRI Premier Lamp					
		<i>Reference Lamp Chart on website or consult factory for other options.</i>					

## Notes:

1 Must be in 4' increments.

2 Sections per run; optional.

3 EL, EN and EC not available with DCT in 4' sections.

4 Not available in 347 volt.

5 Not available with 28T5 Lamp Type.

6 Not available with 54T5HO Lamp Type.

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PHOTOMETRICS

Wall Mount — Modular / 7 1/2" x 2" Angular

EGAW4

Type:

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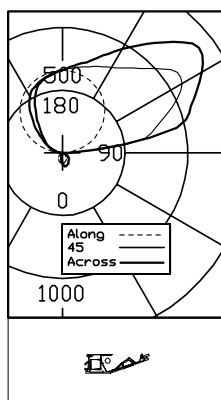
## 1-LAMP T5HO

FAR-FIELD PHOTOMETRY

DATE: 1-22-2003

REPORT NUMBER: 5790

CATALOG NUMBER: EGAW4-1-54T5HO  
LUMINAIRE: 7 1/2" W X 2 1/8" H ALUMINUM ASYMMETRIC INDIRECT/DIRECT  
LIGHT WITH WHITE PAINTED REFLECTOR AND SPECULAR BAFFLE  
LAMP(S): FP54/835/HO RATED 5000 LUMENS  
BALLAST: QT-1X54/120PHO  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 58.4 AT 120.0 VOLTS  
THE 0 DEGREE PLANE IS PERPENDICULAR TO THE LAMPS.



CANDELA DISTRIBUTION	0.0	45.0	90.0	135.0	180.0	FLUX
0	88	88	88	88	88	8
5	100	95	84	72	59	20
15	110	104	76	32	25	27
25	103	96	68	17	8	29
35	86	84	54	3	4	28
45	73	66	39	1	3	23
55	60	51	19	1	3	15
65	40	33	4	1	3	4
75	7	10	0	0	3	0
85	1	0	0	0	2	142
95	242	304	24	21	22	411
105	1020	767	157	86	63	514
115	1182	1006	282	125	118	551
125	1363	1117	388	202	170	486
135	1252	949	478	315	245	389
145	1045	828	550	456	363	302
155	873	758	600	582	510	186
165	747	711	635	606	602	63
175	687	677	656	646	641	
180	661	661	661	661	661	

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	54	1.1	1.7	
0-40	83	1.7	2.6	
0-60	134	2.7	4.2	
0-90	153	3.1	4.8	
90-120	1067	21.3	33.3	
90-130	1618	32.4	50.4	
90-150	2504	50.1	78.0	
90-180	3055	61.1	95.2	
0-180	3208	64.2	100.0	

LUMINANCE DATA IN FOOTLAMBERTS	ANGLE	AVERAGE	AVERAGE	AVERAGE
IN DEG	0-DEG	45-DEG	90-DEG	
45	579.	597.	406.	
55	527.	537.	244.	
65	448.	459.	76.	
75	87.	180.	0.	
85	17.	0.	0.	

TOTAL LUMINAIRE EFFICIENCY = 64.2 %  
CIE TYPE - INDIRECT

APPROVED BY:



BARE LAMP LUMEN VALUE IS RATED AT LAMP OPERATING TEMPERATURE INSIDE THE LUMINAIRE. FOR DETAILS, PLEASE SEE PEERLESS PUBLICATION # A62

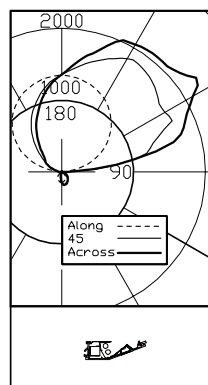
## 2-LAMP T5HO

FAR-FIELD PHOTOMETRY

DATE: 1-22-2003

REPORT NUMBER: 5792

CATALOG NUMBER: EGAW4-2-54T5HO  
LUMINAIRE: 7 1/2" W X 2 1/8" H ALUMINUM ASYMMETRIC INDIRECT/DIRECT  
LIGHT WITH WHITE PAINTED REFLECTOR AND SPECULAR BAFFLE  
LAMP(S): 2-FP54/835/HO RATED 5000 LUMENS  
BALLAST: QT-2X54/120PHO  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 120.4 AT 120.0 VOLTS  
THE 0 DEGREE PLANE IS PERPENDICULAR TO THE LAMPS.



CANDELA DISTRIBUTION	0.0	45.0	90.0	135.0	180.0	FLUX
0	148	148	148	148	148	13
5	172	164	144	126	110	46
15	182	174	132	61	48	34
25	173	161	115	32	15	46
35	145	141	84	9	9	50
45	121	112	68	6	8	48
55	85	85	35	5	6	39
65	60	53	9	3	6	24
75	10	14	0	2	4	7
85	3	1	0	0	3	1
90	10	11	0	0	2	221
95	440	480	43	30	30	865
105	1618	1282	320	103	91	849
115	1925	1694	576	206	201	921
125	2286	1659	795	322	278	879
135	2083	1763	976	513	388	788
145	2077	1846	1122	734	591	616
155	2021	1744	1227	945	820	383
165	1709	1584	1300	1128	1057	130
175	1469	1425	1337	1284	1272	
180	1355	1355	1355	1355	1355	

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	93	0.9	1.6	
0-40	143	1.4	2.5	
0-60	229	2.3	4.0	
0-90	261	2.6	4.6	
90-120	1735	17.4	30.4	
90-130	2656	26.6	46.5	
90-150	4323	43.2	75.7	
90-180	5453	54.5	95.4	
0-180	5713	57.1	100.0	

LUMINANCE DATA IN FOOTLAMBERTS	ANGLE	AVERAGE	AVERAGE	AVERAGE
IN DEG	0-DEG	45-DEG	90-DEG	
45	851.	1012.	715.	
55	836.	893.	461.	
65	676.	735.	155.	
75	126.	232.	0.	
85	52.	43.	0.	

TOTAL LUMINAIRE EFFICIENCY = 57.1 %  
CIE TYPE - INDIRECT

APPROVED BY:



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