

SPECIFICATION SHEET

SUBJECT

LED TRAPEZOID WALL PACK

CUSTOMER PROJECT

Project: _____
 Type: _____
 Cat. No.: _____
 Qty: _____
 Date: _____
 EEL Rep: _____



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Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

DESCRIPTION

The EEL LED Trapezoid Wall Pack offers a sleek design with a wide range of uses. It is IP54 rated and it delivers the lighting needed for the exteriors of retail buildings, businesses, walkways, underpasses and entrance doors.



LED TRAPEZOID WALL PACK

SPECIFICATION FEATURES

Construction

This rugged fixture is made die-cast aluminum complete with tempered glass and silicone gasketing Suitable for wet and damp locations

Electrical

Long-life LED system coupled with electrical driver to deliver optimal performance
 LED's available in 5000K and 4000K with CRI: 80
 Ambient temperature -40°C to 40°C
 LED modules rated for 200,000 hours
 Electrical drivers are available for 120-277V and 347V applications

Driver and Module Access

Driver and Modules can be removed easily by removing two screws and swing the housing over on its built in hinges

Mounting

Mount directly over a standard outlet box or for surface wiring via any of the 3 convenient 1/2 inch threaded conduit entry hubs

Note that silicon glue must be added only along top and side edges to form a gasket.

Lower/bottom edge is kept unsealed so that water can escape.

Finish

Durable die-cast housing and tempered glass lens with polyester powder-coated finish in bronze colour

Shielding

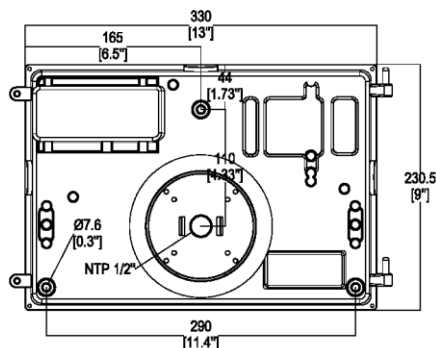
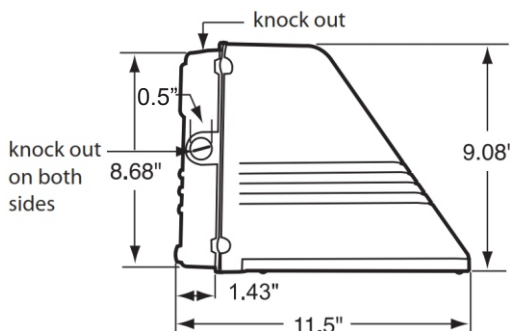
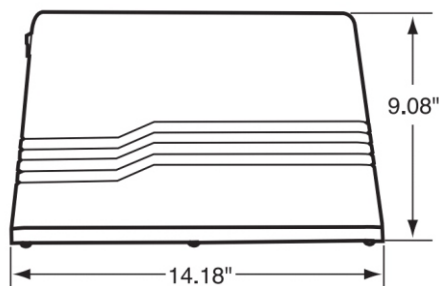
Combination housing and temper glass lens provides an effective distribution of light

Compliance

Modules and Drivers are cULus approved and LED modules comply with LM-79 and LM-80 standards Luminaire is cULus, cETLus and DLC listed

Warranty

5 years



TWHLF-75LED / TWHLF-60LED / TWHLF-45LED
Dimensions
 mm | 360(L) x 292(W) x 231(D)
 inch | 14.2(L) x 11.5(W) x 9.1(D)





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ORDERING CODE, ENERGY AND PERFORMANCE DATA

	Model No.	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (lm/W)	Certification	Type
	THWLF-75LED50K	7555	71	120-277 or 347	5000K	106		Special Order
	THWLF-75LED40K	7101	71	120-277 or 347	4000K	102		Special Order
	THWLF-60LED50K	5837	60	120-277 or 347	5000K	95		Special Order
	THWLF-60LED40K	6512	60	120-277 or 347	4000K	116		Special Order
	THWLF-45LED50K	4204	43	120-277 or 347	5000K	96		Special Order
	THWLF-45LED40K	4342	43	120-277 or 347	4000K	100		Special Order

NOTE:

- Lumens are estimated
- DLC qualified may not apply to all versions within a model. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

EMERGENCY BACK-UP (OPTIONAL)

EMAC1050S40D64 | LED Emergency Driver 120-277V DIM (THWLF-45)

EMAC1500S60D64 | LED Emergency Driver 120-277V DIM (THWLF-60)

SHIPPING DATA

Model No.

THWLF-75LED

THWLF-60LED

THWLF-45LED

Gross Weight

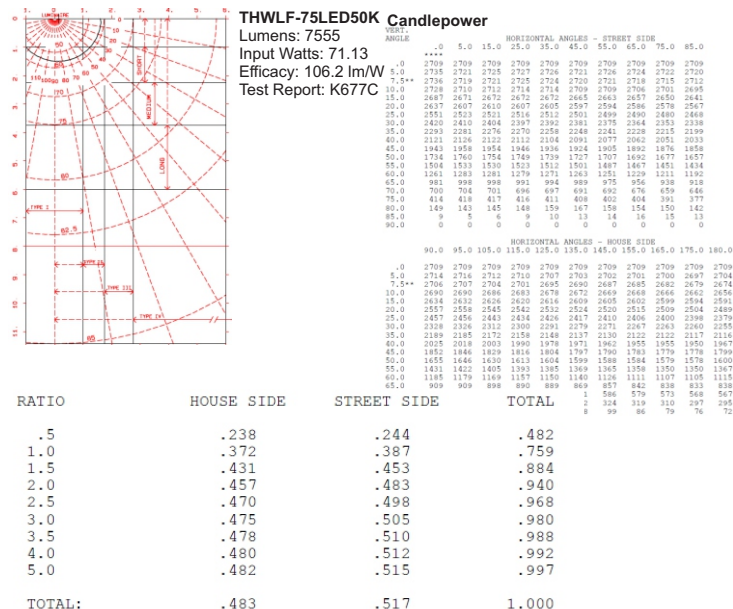
7.10kg / 15.6lbs

7.10kg / 15.6lbs

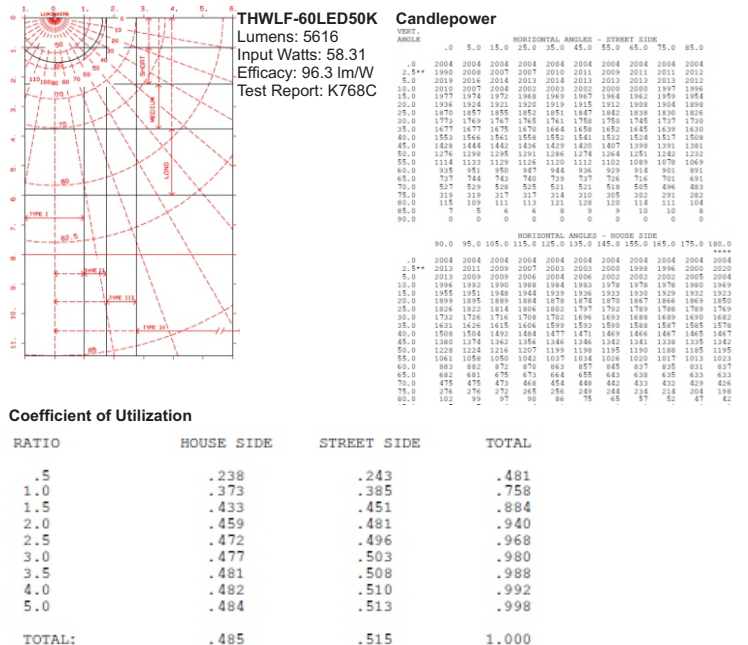
3.80kg / 8.4lbs

PHOTOMETRICS

Disclaimer: Photometric data results were obtained under clear lens condition.



Disclaimer: Photometric data results were obtained under clear flat lens condition.





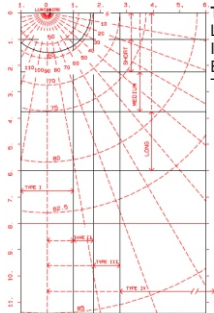
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PHOTOMETRICS

Disclaimer: Photometric data results were obtained under clear lens condition.



THWLF-45LED50K Candlepower

Lumens: 4050

Input Watts: 42.52

Efficacy: 95.2 lm/W

Test Report: K677C

VERT. ANGLE	0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0
0	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438
5.0	1440	1444	1444	1444	1444	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440
10.0	1444	1437	1436	1435	1434	1432	1432	1432	1432	1432	1432	1432	1432	1432	1432	1432	1432	1432	1432
15.0	1448	1431	1421	1411	1400	1389	1378	1367	1356	1345	1334	1323	1312	1301	1290	1279	1268	1257	1246
20.0	1389	1377	1376	1374	1372	1370	1368	1367	1365	1363	1361	1359	1357	1355	1353	1351	1349	1347	1345
25.0	1340	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
30.0	1273	1269	1266	1263	1259	1256	1254	1254	1254	1254	1254	1254	1254	1254	1254	1254	1254	1254	1254
35.0	1208	1205	1202	1199	1196	1194	1194	1194	1194	1194	1194	1194	1194	1194	1194	1194	1194	1194	1194
40.0	1123	1127	1124	1124	1121	1119	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118
45.0	1036	1044	1039	1032	1025	1016	1007	1002	996	989	982	975	968	961	954	947	940	933	926
50.0	929	940	939	933	924	912	902	894	886	878	870	862	854	846	838	830	822	814	806
55.0	806	821	819	815	810	800	789	779	770	762	754	746	738	730	722	714	706	698	690
60.0	683	694	692	685	677	667	657	648	639	631	623	615	607	599	591	583	575	567	559
65.0	560	567	566	562	559	551	543	535	527	519	511	503	495	487	479	471	463	455	447
70.0	438	441	441	438	435	427	419	411	403	395	387	379	371	363	355	347	339	331	323
75.0	316	319	319	319	319	316	313	310	307	304	301	298	295	292	289	286	283	280	277
80.0	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193
85.0	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Coefficient of Utilization

RATIO	HOUSE SIDE	STREET SIDE	TOTAL
.5	.237	.241	.478
1.0	.372	.382	.754
1.5	.433	.448	.881
2.0	.461	.478	.939
2.5	.474	.493	.968
3.0	.480	.500	.980
3.5	.484	.505	.989
4.0	.486	.507	.992
5.0	.488	.510	.998
TOTAL:	.489	.511	1.000

