



WALL /CEILING MOUNT
LED

APEX 13

Vandal Resistant

APX 13 Series High Output LED

Fixture Type

Date

Job Name

Approved By

Catalog Number

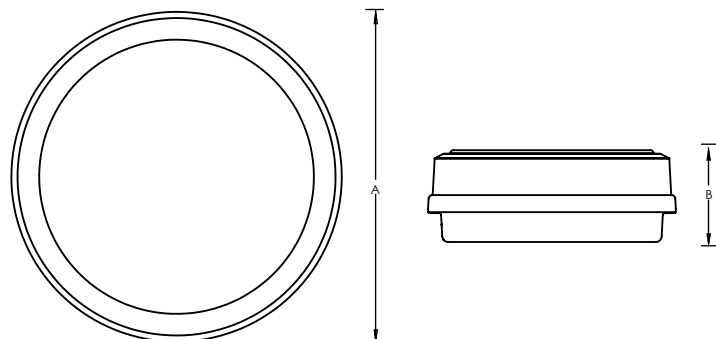
SPECIFICATIONS



Description	The Apex 13 LED fixtures build on the highly successful Anyx line. The cut-off, LED version features an upgraded, die cast, marine grade aluminum external trim, as well as an innovative twist-lock system. The Apex 13 series has been installed successfully in large scale projects such as dorm rooms, unsecured hallways, transportation stations and public schools. Natatorium finish is standard for all versions of this fixture.
Trim	One piece die cast aluminum mechanically interlocked to base plate and sealed against moisture and contaminants with two high temperature silicone O-rings. Chemically primed and finished with electrostatically applied polyester powder coat. Locked in place with one concealed tamper resistant set screw.
Lens	One piece injection molded opal prismatic polycarbonate with minimum 0.130" wall thickness. Secured to base plate by trim and sealed with two high temperature silicone O-rings. Available full cut-off lens, see ordering information for additional information.
Reflector	One piece injection molded UV stabilized polycarbonate.
Base Plate	Pressure die cast marine grade aluminum. Chemically primed and finished with electrostatically applied polyester powder coat.
Housing	Pressure die cast marine grade aluminum. Chemically primed and finished with electrostatically applied polyester powder coat.
Drivers	Constant current drivers, 120-277V.
LED	Samsung LM561B+ Series @ 2700K, 3000K, 3500K, 4000K, and 5000K and 82 CRI wired in parallel-series. L ₇₀ projected life of 130,000 hours at 50°C. Tested in accordance with LM-80. Ten year warranty on LED boards against operational defects.
Gaskets	Closed cell die cut neoprene gasket provided between fixture mounting plate and mounting surface. High temperature silicone O-ring between the trim and lens; between the lens and base plate; and between the mounting plate and base plate.
Listings	U.L., C.U.L., Wet standard. 1598a Marine Listed.
Lifetime Warranty	Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.

DIMENSIONAL DATA

	A	B
APX13	13.13	5.02



ORDERING INFORMATION

SERIES	LED	CCT	VOLTS	DRIVER	LENS	COLOR	OPTIONS		TX/SD
APX13HO	50W	2700K	120-277	CC	FL	BLK	DIM	EMB310	
		3000K		DIM	FCL	WHT	PC	EMB125R	
		3500K		PRD		BRZ	GLR	EMB250R	
		4000K				GRY	KO	EMB375R	
		5000K				CUST	FCL	ST/SC	

CC = Constant Current (Standard)
 DIM = 0-10V Dimming, 10% at lowest level
 PRD = Programmable driver. Specify Lumens or Watts. Consult factory.

OPTIONS

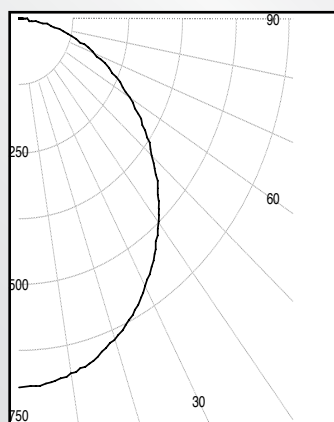
LENS	FL = Flat Opal Standard	FCL = Full Cutoff (Optional) (Ceiling Mount Only)
COLORS	BLK = Black	WHT = White
	BRZ = Bronze	GRY = Gray
	CUST = Custom Color (Consult Factory)	
DIM	0-10V dimming driver. 10% at lowest level.	
PC	Photoelectric switch.	
GLR	Fuse and fuse holder.	
KO	Add (3) 1/2" i.p.t. holes for conduit entry in housing.	
EMB310	800 lumen self contained 90 minute emergency battery pack. CAB required and included. Overall fixture depth will be 7.05". 0°C (32°F) to 50°C (122°F).	
EMB125R	Stand-alone inverter that will operate a 125W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).	
EMB250R	Stand-alone inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).	
EMB375R	Stand-alone inverter that will operate a 375W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).	
ST/SC	Phillips head screws instead of TORX® head.	
TX/SD	TORX® head bit.	

PHOTOMETRIC DATA

Model	Watts	Input Watts		Delivered Lumens								
				2700K		3000K		3500K		4000K		5000K
APX13	15W	15.3W		1261		1277		1301		1341		1387
APX13 FCL	15W	15.3W		962		978		994		1023		1054
APX13	25W	26.5W		1970		1996		2033		2096		2158
APX13 FCL	25W	26.5W		1503		1522		1553		1599		1647
APX13 HO	50W	49.0W		3683		3734		3801		3919		4037
APX13 HO FCL	50W	49.0W		2810		2846		2904		2990		3080
APX13 HO - PRD	PRD			Programmable Driver. Specify Watts or Lumens in Ordering Information.								

MODEL APX13-25W-4000K

Delivered Lumens: 1941 Lumens



IES FILE: APX13-25W-4000K

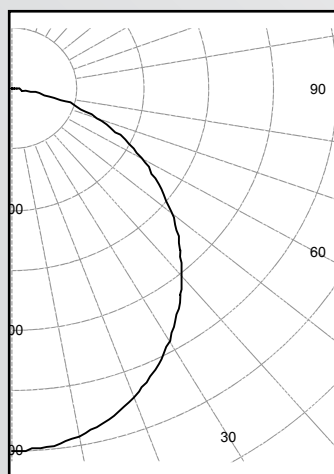
Total Power: 26.5W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	537	27.6
0 - 40	876	45.1
0 - 60	1534	79.0
60 - 90	401	20.7
0 - 90	1935	99.7
90 - 180	6	0.3
0 - 180	1941	100.0

MODEL APX13-25W-3500K-FCL

Delivered Lumens: 1553 Lumens



IES FILE: APX13-25W-3500K-FCL

Total Power: 26.5W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	454	29.2
0 - 40	731	47.1
0 - 60	1255	80.8
60 - 90	298	19.2
0 - 90	1553	100.0
90 - 180	0	0.0
0 - 180	1941	100.0

MOUNTING PLATE DETAILS

