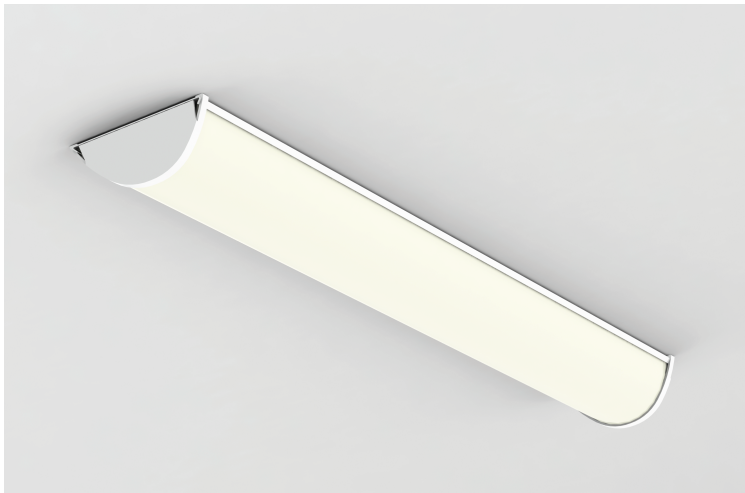


REO - Retrofit Kit



Project: _____

 Type: _____

 Notes: _____

REO retrofit kits and fixture solutions challenge the performance:cost paradigm by offering exceptional efficiency and beam control in a very affordable and customizable form. Designed to mate with existing fluorescent fixtures, the REO Retrofit Kit provides a range of lumen and color packages. Simple construction minimizes the installation time providing a quick and efficient LED solution.

5 Year Warranty

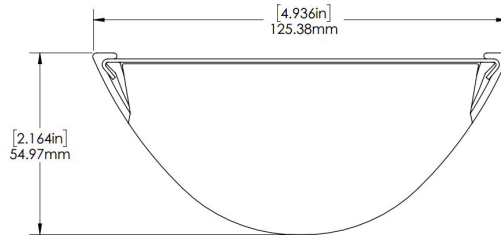
Ordering Guide

REO						B1	
ARON ID		LENGTH		LUMENS		BEAM	
REO	REO Retrofit Kit	2FA	2'	2000	2,000 lumens	B1	Beam 1
		4FA	4'	4000	4,000 lumens		
		6FA	6'	6000	6,000 lumens		
		8FA	8'	8000	8,000 lumens		
				10000	10,000 lumens		
				12000	12,000 lumens		
				14000	14,000 lumens		
				Contact factory for custom lumen packages			
				Maximum 2,000 lumens per foot			

				UNV			
CCT		CRI		VOLTAGE		DRIVER	
3000K	3000K	80	80 CRI	UNV	120-277V	DM	Factory 0-10V dim1%
3500K	3500K	90	90 CRI			LT	Lutron Hi Lume
4000K	4000K						



Dimensions

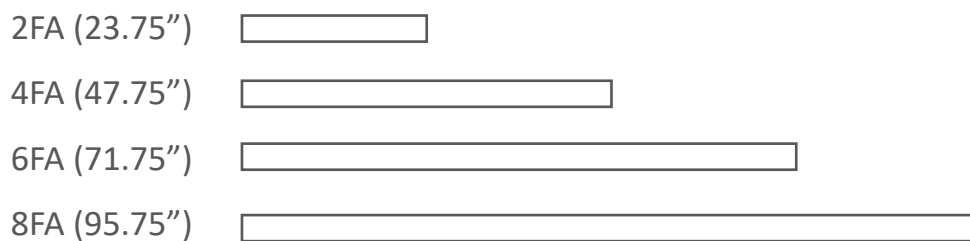


Performance

Lumens	Watts	Efficacy (lm/W)
2000	14.4	138.7
4000	28.6	139.6
6000	42.8	140.0
8000	56.1	142.6
10000	69.1	144.7
12000	82.7	145.0
14000	96.6	144.8

*All values at 4000K

Application Sizes



Construction

- Painted sheet metal tray
- Injection molded ABS end caps
- Durable and rigid design
- Designed to fit in a variety of existing fluorescent light fixture housings.

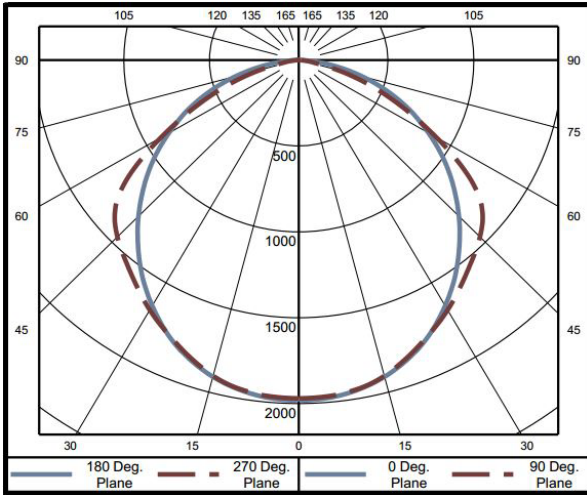
Optical

- Custom PMMA diffusion lens
- Custom LED Module
- Minimum 80 or 90 CRI
- 3000K, 3500K, 4000K
- ≤ 3 SDCM

Electrical

- Class 2 constant current driver
- 0-10V dimming (1%) standard
- Optional battery pack
- Add-on sensor ready

Model Tested: REO-4FA-6000-B1-4000K-80-DM



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	1970	
5	1963	187
10	1941	
15	1892	535
20	1831	
25	1749	806
30	1655	
35	1551	971
40	1441	
45	1332	1028
50	1219	
55	1081	960
60	902	
65	707	699
70	512	
75	324	343
80	150	
85	49	62
90	1	

Summary of Results	
Total Lumen Output	5773 Lumens
Luminaire Efficacy	140 lm/w
Maximum Candela	1982 Candela
CCT	4109 K
CRI	83.9
Duv	-0.0007
TM-30 Rf	83.3
TM-30 Rg	96.2

Spacing Criteria	
0-180	1.24
90-270	1.24

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1528	27.3%
0-40	2499	44.7%
0-60	4488	80.3%
0-90	5591	100.0%
40-90	3092	55.3%
60-90	1104	19.7%
90-180	0	0.0%
0-180	5591	100.0%