

# VOLT<sup>series</sup> LED Lightbars



Bar length classification:  
15, 25, 30, 35, 45,  
50, 60, 70, 75, 85

7" 4-1/2"

8"

2-1/4" Min. mounting foot height off of roof when using end castings

[xx]-VM[xx][xxxx]-[xPxxxx]-[xxxx]

Total number of end pods and style of end configuration:  
04 = 2 Pod ends only  
06 = 3 Pod ends only  
04GLP = 2 Pod end with GoLight- wired controls  
04GLR = 2 Pod end with GoLight- wireless controls  
06Q08 = 3 Pod end with swivel 8,000 lumen FRC brow light (Q08)  
06Q13 = 3 Pod end with swivel 13,000 lumen FRC brow light (Q13)

LED emitter and lens colors  
Lens colors will match LED emitter colors unless indicated  
R=Red B=Blue W=White Y=Yellow G=Green  
Add "C" for clear lenses  
Blank = Default all pods are red with red lenses  
R1W = All pods are red with one white pod  
R2W = All pods are red with two white pods

Mounting or function classification  
SD= Side Driver  
SO= Side Officer  
AD= Aerial Driver  
AO= Aerial Officer  
FC= Full Coverage

Number of auxiliary lighting devices frame mounted  
Q08 = 1 FRC 8,000 lumen brow light  
2Q08 = 2 FRC 8,000 lumen brow lights  
Q13 = 1 FRC 13,000 lumen brow light  
2Q13 = 2 FRC 13,000 lumen brow lights

Number of frame mounted Pods

Custom color layout per pod based on the number of pods. (If lightbar has 8 pods, 8 colors must be listed starting with driver side and working to passenger side)

LED Pod  
1.5 Amps

2 Pod End

3 Pod End

GoLight 2 Pod End  
5 Amps

FRC Q08 3 Pod End  
Hand operated swivel mount

FRC Q13 3 Pod End  
Hand operated swivel mount

FRC Q08 LED Brow Light  
10 Amps

FRC Q13 LED Brow Light  
13 Amps

R B W Y G



VOLT (Versatile Optical Lighting Technology) is the first lightbar of its kind. It is designed to allow the integrated mounting of not only warning lights but a multitude of auxiliary lighting devices such as Fire Research Corporation<sup>®</sup> LED scene lights, remote controlled spot lights by GoLight<sup>®</sup> and even DOT marker lights.

Cab mounted scene or spot lights can now be mounted directly to the lightbar reducing roof penetrations and improving the ease of installation and servicing. Working with the M90 series oscillating warning light technology, each pod produces a 90° sweep of warning light signal. Replacement or part stocking for this bar is simplified because all the pods are identical.

The VOLT's extrusion has unique 45° end cuts creating five different end configuration options. Custom stepped end castings allow auxiliary end lights to be mounted without blocking the primary warning light signal. When FRC<sup>®</sup> LED brow lights are installed they can be used as either emergency warning lights or scene lights. Another unique feature of the end casting is that it allows the mounted FRC<sup>®</sup> LED brow light to be manually turned from a forward facing brow light to a side facing scene light.

The VOLT ranges in length from 16.75" to 90". The extrusion is built with a top center wire trough and carriage bolt mounting tracks both above and below. The tracks and wire trough allow the elements to be positioned anywhere on the bar for maximum flexibility. The VOLT is truly a lightbar with endless versatility.

### VM70 Approximate bar length 70"

Actual lengths based on end options (66.75" to 73.5")

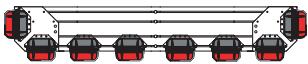
### VM75 Approximate bar length 75"

Actual lengths based on end options (75.5" to 82")

### VM85 Approximate bar length 85"

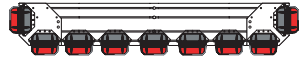
Actual lengths based on end options (83.5" to 90")

8 Light Pods  
66.75" length



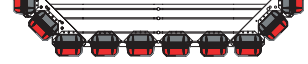
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9 Light Pods  
66.75" length



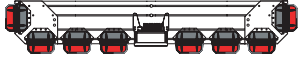
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10 Light Pods  
66.75" length



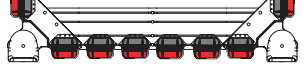
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8 Light Pods  
1 FRC Q08  
66.75" length



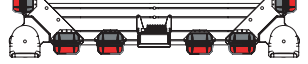
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8 Light Pods  
2 GoLights  
68.5" length



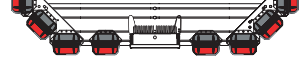
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6 Light Pods  
2 GoLights  
1 FRC Q08  
68.5" length



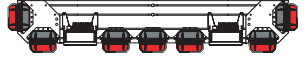
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8 Light Pods  
1 FRC Q13  
66.75" length



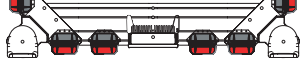
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7 Light Pods  
2 FRC Q08's  
66.75" length




List 5,764.00    OEM 3,112.56

6 Light Pods  
2 GoLights  
1 FRC Q13  
68.5" length




List 6,006.00    OEM 3,243.24

8 Light Pods  
2 FRC Q08's  
66.75" length



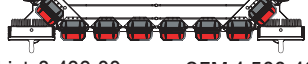
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10 Light Pods  
2 FRC Q08's  
69.5" length



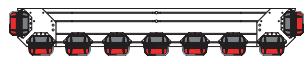
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10 Light Pods  
2 FRC Q13's  
73.5" length



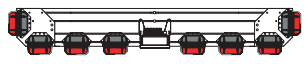
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9 Light Pods  
75.5" length



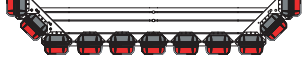
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8 Light Pods  
1 FRC Q08  
75.5" length



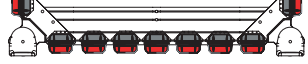
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11 Light Pods  
75.5" length



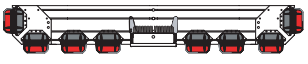
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9 Light Pods  
2 GoLights  
77" length



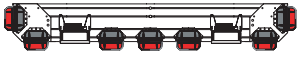
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8 Light Pods  
1 FRC Q13  
75.5" length



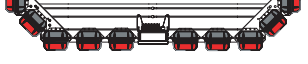
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7 Light Pods  
2 FRC Q08's  
75.5" length



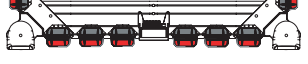
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10 Light Pods  
1 FRC Q08  
75.5" length



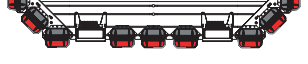
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8 Light Pods  
2 GoLights  
1 FRC Q08  
77" length




List 6,123.00    OEM 3,306.42

9 Light Pods  
2 FRC Q08's  
75.5" length




List 6,686.00    OEM 3,610.44

7 Light Pods  
2 FRC Q13's  
75.5" length




List 7,008.00    OEM 3,784.32

11 Light Pods  
2 FRC Q08's  
78" length



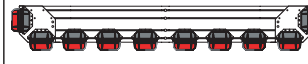
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11 Light Pods  
2 FRC Q13's  
82" length



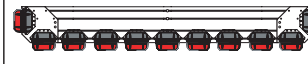
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10 Light Pods  
83.5" length



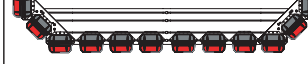
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11 Light Pods  
83.5" length



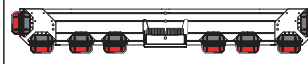
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12 Light Pods  
83.5" length



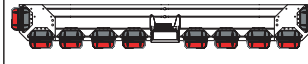
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8 Light Pods  
1 FRC Q13  
83.5" length




List 5,730.00    OEM 3,094.20

10 Light Pods  
1 FRC Q08  
83.5" length



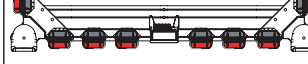
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10 Light Pods  
2 GoLights  
85" length



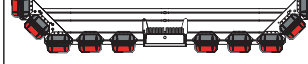
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8 Light Pods  
2 GoLights  
1 FRC Q08  
85" length




List 6,210.00    OEM 3,353.40

10 Light Pods  
1 FRC Q13  
83.5" length



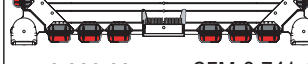
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9 Light Pods  
2 FRC Q08's  
83.5" length




List 6,741.00    OEM 3,640.14

8 Light Pods  
2 GoLights  
1 FRC Q13  
85" length



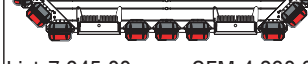
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10 Light Pods  
2 FRC Q08's  
83.5" length




List 7,175.00    OEM 3,874.50

9 Light Pods  
2 FRC Q13's  
83.5" length




List 7,945.00    OEM 4,290.30

12 Light Pods  
2 FRC Q08's  
86" length



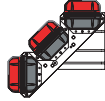
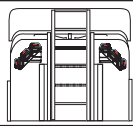
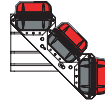
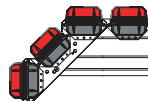
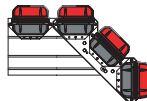
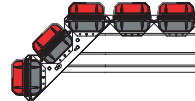
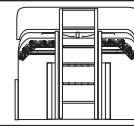
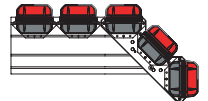
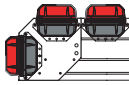
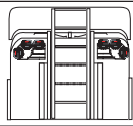
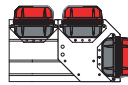
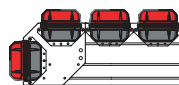
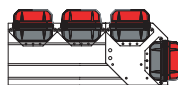
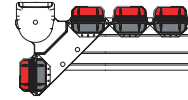
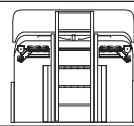
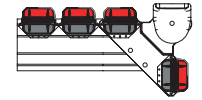
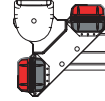
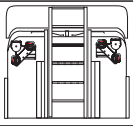
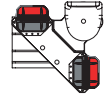
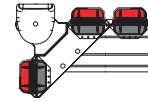
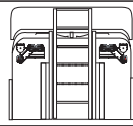
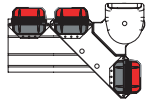
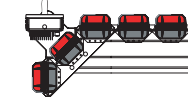
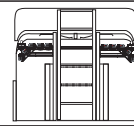
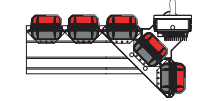
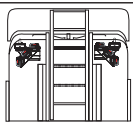
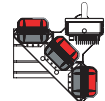
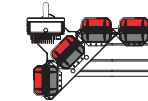
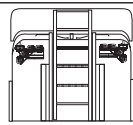
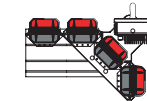
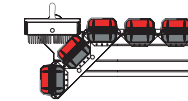
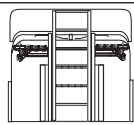
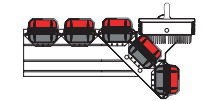
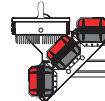
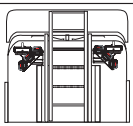
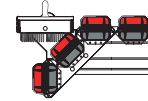
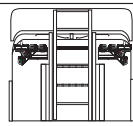
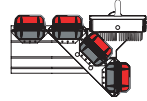
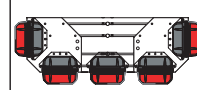
List 8,097.00    OEM 4,372.38

12 Light Pods  
2 FRC Q13's  
90" length

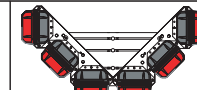


List 9,421.00    OEM 5,087.34

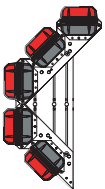
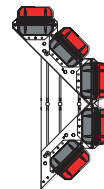
VM Accessories & Parts		List	OEM
PALB-M1	Permanent mounting feet	96.00	51.84
PALB-GK	Gutterless kit	110.00	59.40
3M-795H	3M Opticom system	2619.00	1,414.26
FRC-Q08	FRC Q08 LED brow light	880.00	595.00
FRC-Q13	FRC Q013 LED brow light	1,200.00	812.00
GLP	Go-Light Hard wired	435.00	260.00
GLR	Go-Light Remote	435.00	260.00

**VM15**Approximate bar length 15"  
Actual lengths based on end options (16.75" to 20")**AD-VM1503****AO-VM1503**Per side  
3 Light Pods  
16.75" widePer bar  
List 1,381.00  
OEM 745.74**VM25**Approximate bar length 25"  
Actual lengths based on end options (24.5" to 27.75")**AD-VM2503-1P****AO-VM2503-1P**Per side  
4 Light Pods  
24.5" widePer bar  
List 1,844.00  
OEM 995.76**VM30**Approximate bar length 30"  
Actual lengths based on end options (32" to 35.5")**AD-VM3003-2P****AO-VM3003-2P**Per side  
5 Light Pods  
32" widePer bar  
List 2,305.00  
OEM 1,244.70**AD-VM1502-1P****AO-VM1502-1P**Per side  
3 Light Pods  
19.75" widePer bar  
List 1,381.00  
OEM 745.74**AD-VM2502-2P****AO-VM2502-2P**Per side  
4 Light Pods  
27.5" widePer bar  
List 1,844.00  
OEM 995.76**AD-VM3002GLP-2P****AO-VM3002GLP-2P**Per side  
4 Light Pods  
1 GoLight  
33" widePer bar  
List 2,492.00  
OEM 1,345.68**AD-VM1502GLP****AO-VM1502GLP**Per side  
2 Light Pods  
1 GoLight  
17.5" widePer bar  
List 1,570.00  
OEM 847.80**AD-VM2502GLP-1P****AO-VM2502GLP-1P**Per side  
3 Light Pods  
1 GoLight  
25" widePer bar  
List 2,029.00  
OEM 1,095.66**AD-VM3003Q08-2P****AO-VM3003Q08-2P**Per side  
5 Light Pods  
1 FRC Q08  
33.50" widePer bar  
List 3,574.00  
OEM 1,929.96**AD-VM1503Q08****AO-VM1503Q08**Per side  
3 Light Pods  
1 FRC Q08  
18" widePer bar  
List 2,649.00  
OEM 1,430.46**AD-VM2503Q08-1P****AO-VM2503Q08-1P**Per side  
4 Light Pods  
1 FRC Q08  
25.75" widePer bar  
List 3,113.00  
OEM 1,681.02**AD-VM3003Q13-2P****AO-VM3003Q13-2P**Per side  
5 Light Pods  
1 FRC Q13  
35.5" widePer bar  
List 4,249.00  
OEM 2,294.46**AD-VM1503Q13****AO-VM1503Q13**Per side  
3 Light Pods  
1 FRC Q13  
20" widePer bar  
List 3,325.00  
OEM 1,795.50**AD-VM2503Q13-1P****AO-VM2503Q13-1P**Per side  
4 Light Pods  
1 FRC Q13  
27.75" widePer bar  
List 3,788.00  
OEM 2,045.525 Light Pods  
33.5" length**VM3504-1P**

List 2,305.00 OEM 1,244.70

6 Light Pods  
33.5" length**VM3506**

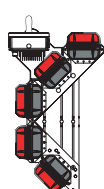
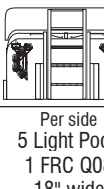
List 2,853.00 OEM 1,540.62

**VM35** Approximate bar length 35" - Actual lengths based on end options (33.5" to 40")**SD-VM3505****SO-VM3505**Per side  
5 Light Pods  
16.75" wide

List 2,305.00

Per bar

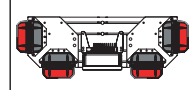
OEM 1,244.70

**SD-VM3505Q08****SO-VM3505Q08**Per side  
5 Light Pods  
1 FRC Q08  
18" wide

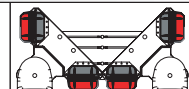
List 3,574.00

Per bar

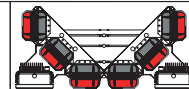
OEM 1,929.96

4 Light Pods  
1 FRC Q08  
33.5" length**VM3504-Q08**

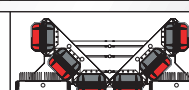
List 3,112.00 OEM 1,680.48

4 Light Pods  
2 GoLights  
35" length**VM3504GLP**

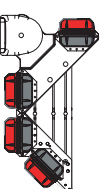
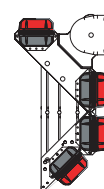
List 3,140.00 OEM 1,695.60

6 Light Pods  
2 FRC Q08's  
36" length**VM3506Q08**

List 5,298.00 OEM 2,860.92

6 Light Pods  
2 FRC Q13's  
40" length**VM3506Q13**

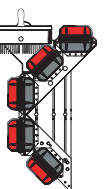
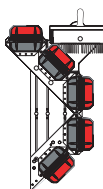
List 6,650.00 OEM 3,591.00

**SD-VM3504GLP****SO-VM3504GLP**Per side  
4 Light Pods  
1 GoLight  
17.5" wide

List 2,492.00

Per bar

OEM 1,345.68

**SD-VM3505Q13****SO-VM3505Q13**Per side  
5 Light Pods  
1 FRC Q13  
20" wide

List 4,249.00

Per bar

OEM 2,294.46



**VM45** Approximate bar length 45"


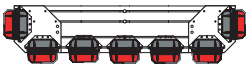
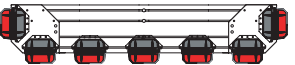



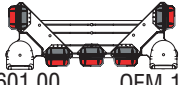
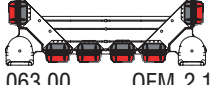
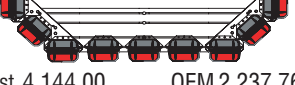
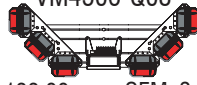


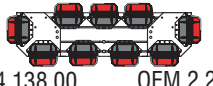

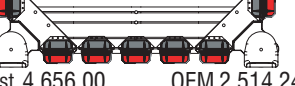

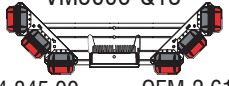
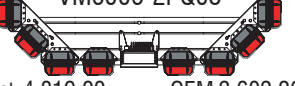

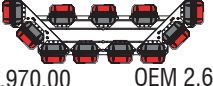
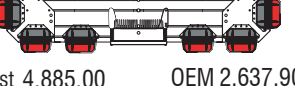


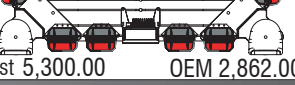
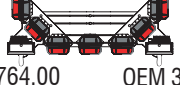



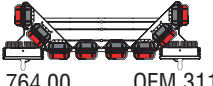
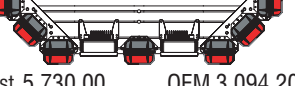
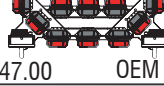
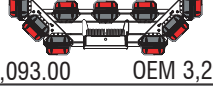



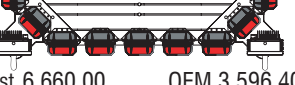

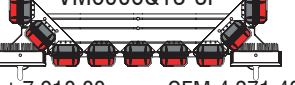

Actual lengths based on end options (43.5" to 50")

**VM50** Approximate bar length 50"

Actual lengths based on end options (50.5" to 57")

**VM60** Approximate bar length 60"

Actual lengths based on end options (58.5" to 65")

6 Light Pods 43.5" length  List 2,853.00 OEM 1,540.62	7 Light Pods 50.5" length  List 3,300.00 OEM 1,782.00	7 Light Pods 58.5" length  List 3,360.00 OEM 1,814.40
7 Light Pods 43.5" length  List 3,265.00 OEM 1,763.10	8 Light Pods 50.5" length  List 3,620.00 OEM 1,954.80	8 Light Pods 58.5" length  List 3,650.00 OEM 1,971.00
5 Light Pods 2 GoLights 45" length  List 3,601.00 OEM 1,944.54	6 Light Pods 2 GoLights 52" length  List 4,063.00 OEM 2,194.02	9 Light Pods 58.5" length  List 4,144.00 OEM 2,237.76
6 Light Pods 1 FRC Q08 46" length  List 4,133.00 OEM 2,231.82	6 Light Pods 1 FRC Q08 53" length  List 4,170.00 OEM 2,251.80	6 Light Pods 1 FRC Q08 58.5" length  List 4,210.00 OEM 2,273.40
Full Coverage 9 Light Pods 43.5" length  List 4,138.00 OEM 2,234.52	Full Coverage 10 Light Pods 50.5" length  List 4,580.00 OEM 2,473.20	7 Light Pods 2 GoLights 60" length  List 4,656.00 OEM 2,514.24
Full Coverage 10 Light Pods 43.5" length  List 4,600.00 OEM 2,484.00	6 Light Pods 1 FRC Q13 50.5" length  List 4,845.00 OEM 2,616.30	8 Light Pods 1 FRC Q08 58.5" length  List 4,819.00 OEM 2,602.26
Full Coverage 8 Light Pods 2 GoLights 45" length  List 4,984.00 OEM 2,691.36	Full Coverage 11 Light Pods 50.5" length  List 4,970.00 OEM 2,683.80	6 Light Pods 1 FRC Q13 58.5" length  List 4,885.00 OEM 2,637.90
Full Coverage 9 Light Pods 1 FRC Q08 46" length  List 5,417.00 OEM 2,925.18	Full Coverage 9 Light Pods 2 GoLights 52" length  List 5,350.00 OEM 2,889.00	6 Light Pods 2 GoLights 1 FRC Q08 60" length  List 5,300.00 OEM 2,862.00
7 Light Pods 2 FRC Q08's 43.5" length  List 5,764.00 OEM 3,112.56	Full Coverage 9 Light Pods 1 FRC Q08 51" length  List 5,473.00 OEM 2,955.42	Full Coverage 12 Light Pods 58.5" length  List 5,532.00 OEM 2,987.28
7 Light Pods 2 FRC Q13's 50" length  List 7,115.00 OEM 3,842.10	8 Light Pods 2 FRC Q13's 57" length  List 5,764.00 OEM 3,112.56	7 Light Pods 2 FRC Q08's 58.5" length  List 5,730.00 OEM 3,094.20
Full Coverage 10 Light Pods 2 FRC Q13's 43.5" length  List 7,147.00 OEM 3,859.38	Full Coverage 9 Light Pods 1 FRC Q13 50.5" length  List 6,093.00 OEM 3,290.22	Full Coverage 13 Light Pods 58.5" length  List 5,993.00 OEM 3,236.22
Full Coverage 10 Light Pods 2 FRC Q13's 50" length  List 8,498.00 OEM 4,588.92	8 Light Pods 2 FRC Q08's 53" length  List 6,166.00 OEM 3,329.64	9 Light Pods 2 FRC Q08's 61" length  List 6,660.00 OEM 3,596.40
Full Coverage 11 Light Pods 2 FRC Q08's 53" length  List 7,576.00 OEM 4,091.04	9 Light Pods 2 FRC Q13's 65" length  List 7,910.00 OEM 4,271.40	Full Coverage 13 Light Pods 2 FRC Q08's 61" length  List 8,530.00 OEM 4,606.20