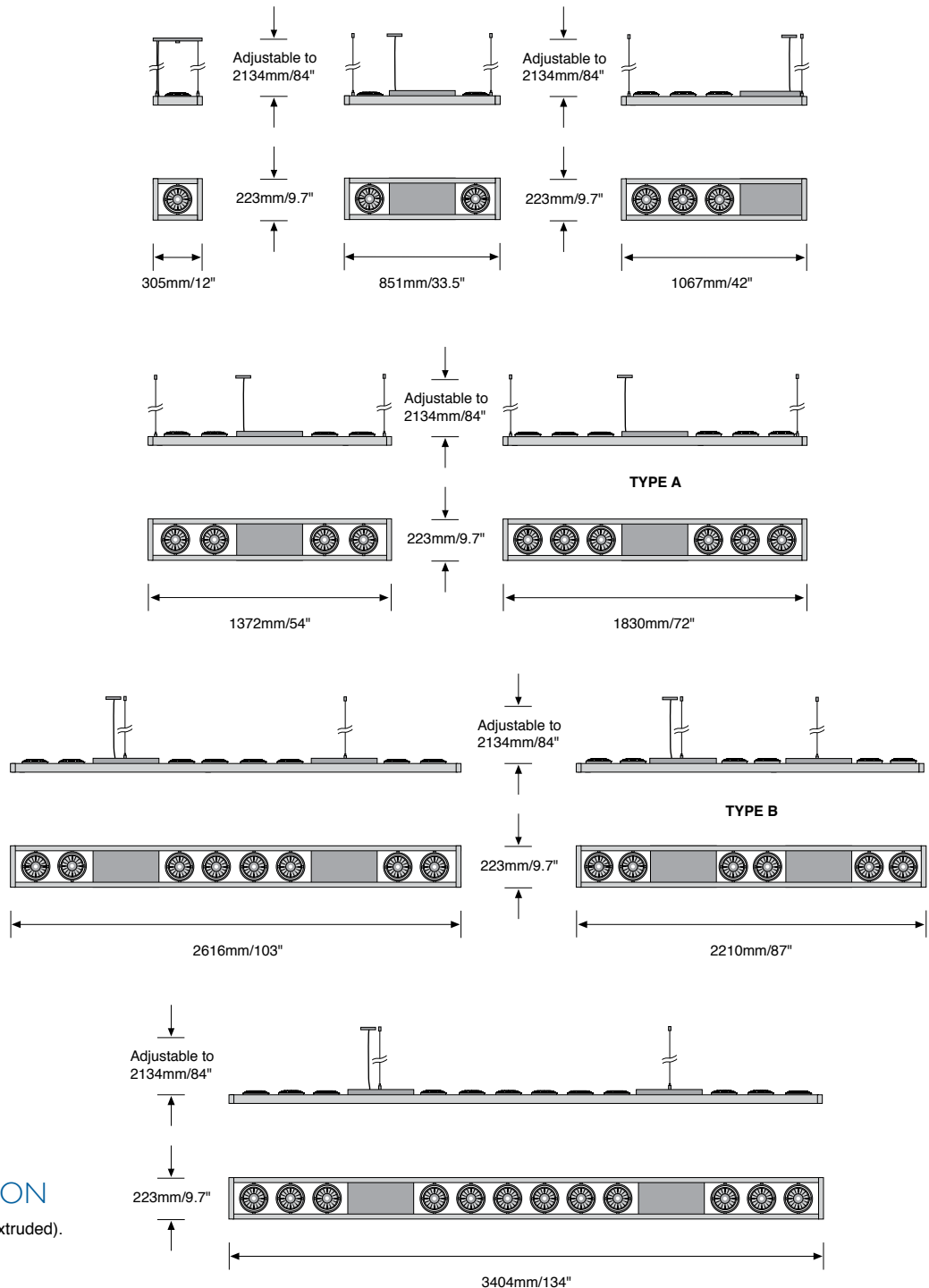


# XACARA TIROS

WEB PIN™ 249



## GENERAL SPECIFICATION

**Body and trim:** Steel and aluminium (extruded).

**Array housings:** Die cast aluminium.

**Gimbal:** Fully articulating on two axes.

**Suspension:** Two cables, fully adjustable.

**Reflectors:** Medium and wide beam. Highly reflective, specular finish, vacuum plated.

**Protective lens (optional):** Clear glass. Recommended for applications where fixture may be regularly handled or come in contact with excessive air contaminants.

**Power cable:** Silver braided.

**Finish:** Metallic silver powder coated.

**Drivers:** HPF electronic for 120-277V. 0-10V dimming (10%).

**Approvals:** ETL/US, ETL/C, CE.

## 26W DIRECT/INDIRECT ILLUMINATION PENDANT

### A SPECIFY LAMP/LUMINAIRE TYPE

Code:	Lamp:	CCT:	CRI:	Type:	Delivered lms:	Efficacy LPW:	L70 @25°C (77°F):
50 1310	1 x 26W LED	3000K	90	1 head	1 x 1620	58.0	> 60,000
50 1311	1 x 26W LED	3500K	80	1 head	1 x 1990	70.4	> 60,000
50 1312	1 x 26W LED	4000K	80	1 head	1 x 2095	74.1	> 60,000
50 1320	2 x 26W LED	3000K	90	2 head	2 x 1620	58.0	> 60,000
50 1321	2 x 26W LED	3500K	80	2 head	2 x 1990	70.4	> 60,000
50 1322	2 x 26W LED	4000K	80	2 head	2 x 2095	74.1	> 60,000
50 1330	3 x 26W LED	3000K	90	3 head	3 x 1620	58.0	> 60,000
50 1331	3 x 26W LED	3500K	80	3 head	3 x 1990	70.4	> 60,000
50 1332	3 x 26W LED	4000K	80	3 head	3 x 2095	74.1	> 60,000
50 1340	4 x 26W LED	3000K	90	4 head	4 x 1620	58.0	> 60,000
50 1341	4 x 26W LED	3500K	80	4 head	4 x 1990	70.4	> 60,000
50 1342	4 x 26W LED	4000K	80	4 head	4 x 2095	74.1	> 60,000
50 1360	6 x 26W LED	3000K	90	6 head Type A	6 x 1620	58.0	> 60,000
50 1361	6 x 26W LED	3500K	80	6 head Type A	6 x 1990	70.4	> 60,000
50 1362	6 x 26W LED	4000K	80	6 head Type A	6 x 2095	74.1	> 60,000
50 1365	6 x 26W LED	3000K	90	6 head Type B	6 x 1620	58.0	> 60,000
50 1366	6 x 26W LED	3500K	80	6 head Type B	6 x 1990	70.4	> 60,000
50 1367	6 x 26W LED	4000K	80	6 head Type B	6 x 2095	74.1	> 60,000
50 1380	8 x 26W LED	3000K	90	8 head	8 x 1620	58.0	> 60,000
50 1381	8 x 26W LED	3500K	80	8 head	8 x 1990	70.4	> 60,000
50 1382	8 x 26W LED	4000K	80	8 head	8 x 2095	74.1	> 60,000
50 1390	12 x 26W LED	3000K	90	12 head	12 x 1620	58.0	> 60,000
50 1391	12 x 26W LED	3500K	80	12 head	12 x 1990	70.4	> 60,000
50 1392	12 x 26W LED	4000K	80	12 head	12 x 2095	74.1	> 60,000

### B SPECIFY REFLECTORS

**ME** Medium 24°

**WD** Wide 50°

### C SPECIFY OPTIONS

**CL** Clear lens

**Example Specification Code:** 50 1320 - ME

Photometric testing performed using LM79 procedures.

## Xacara 26W Photometrics

Color Temp: 3500K

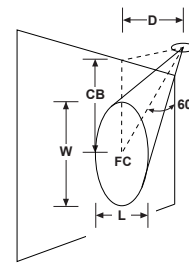
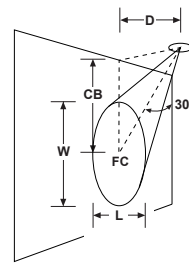
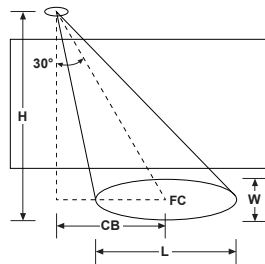
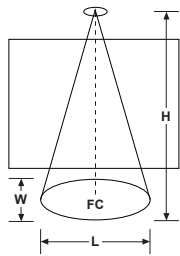
Multipliers:

3000K = 0.83

4000K = 1.05

5000K = 1.20

	0° Aiming Angle Horizontal FC				30° Aiming Angle Horizontal FC					30° Aiming Angle Vertical FC on Wall					60° Aiming Angle Vertical FC on Wall					
	H	FC	L	W	H	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB	
<b>Medium 25°</b>																				
CBCP: 4725	5.0	189	2.2	2.2	5.0	141	3.0	2.6	2.9	3.0	73	6.2	2.7	5.2	3.0	413	1.8	1.5	1.7	
Lumens: 2006	7.5	84	3.3	3.3	7.5	62	4.5	3.8	4.3	4.0	40	8.3	3.6	6.9	4.0	220	2.4	2.1	2.3	
LPW: 71.1	10.0	47	4.4	4.4	10.0	35	6.0	5.1	5.8	5.0	25	10.4	4.4	8.7	5.0	136	3.0	2.6	2.9	
	12.5	30	5.5	5.5	12.5	22	7.5	6.4	7.2	6.0	17	12.5	5.3	10.4	6.0	92	3.6	3.1	3.5	
	15.0	21	6.6	6.6	15.0	16	9.0	7.7	8.7											
<b>Wide 50°</b>																				
CBCP: 2373	5.0	95	4.7	4.7	5.0	71	6.7	5.4	2.9	3.0	35	32.2	5.6	5.2	3.0	204	4.0	3.2	1.7	
Lumens: 1990	7.5	42	7.0	7.0	7.5	31	10.1	8.1	4.3	4.0	19	42.9	7.5	6.9	4.0	108	5.4	4.3	2.3	
LPW: 70.4	10.0	24	9.3	9.3	10.0	18	13.4	10.8	5.8	5.0	12	53.6	9.3	8.7	5.0	67	6.7	5.4	2.9	
	12.5	15	11.7	11.7	12.5	11	16.8	13.5	7.2	6.0	8	64.4	11.2	10.4	6.0	45	8.0	6.5	3.5	
	15.0	11	14.0	14.0	15.0	8	20.1	16.2	8.7											



### NOTES:

Beam spread is to 50% center beam candlepower (CBCP)

D=Distance in feet to wall.

H=Distance in feet to floor

FC=Footcandles on floor or wall at center beam aiming location.

L =Effective Visual Beam length in feet (50% of maximum footcandle level.)

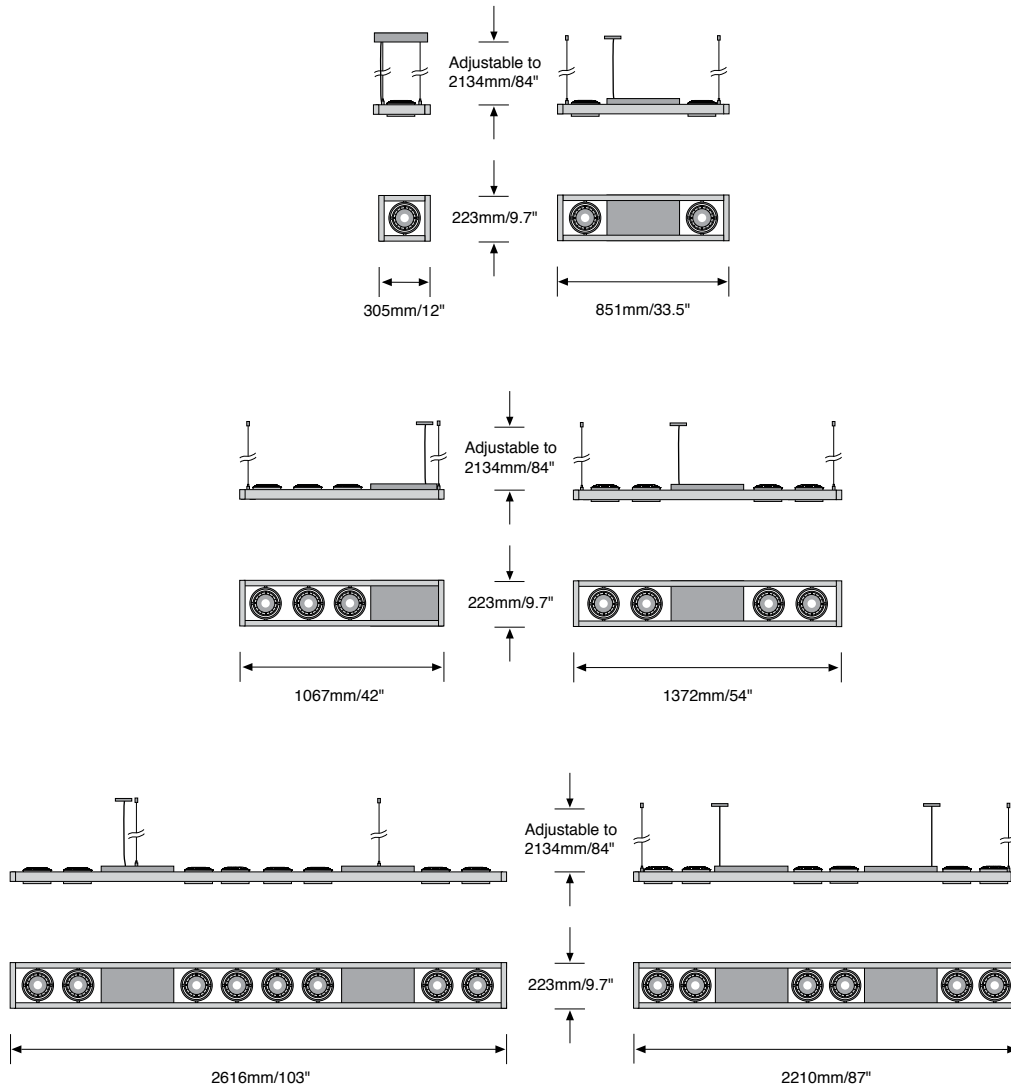
W=Effective Visual Beam width in feet (50% of maximum footcandle level.)

CB=Distance in feet across or down to center beam location.

**Note:** Due to constant changes in LEDs, please check our website for current product specifications.

# XACARA-S TIROS

WEB PIN™ 249



## GENERAL SPECIFICATION

**Body and trim:** Steel and aluminium (extruded).

**Array housings:** Die cast aluminium.

**Gimbal:** Fully articulating on two axes.

**Suspension:** Two cables, fully adjustable.

**Reflectors:** Narrow and medium beam, highly reflective, specular finish, vacuum plated. Wide (WD) reflectors are white.

**Protective lens:** Clear glass (optional).

**Power cable:** Silver braided.

**Finish:** Metallic silver powder coated.

**Drivers:** HPF electronic for 120-277V. 0-10V dimming (10%).

**Approvals:** ETL/US, ETL/C, CE.

## 45W DIRECT/INDIRECT ILLUMINATION PENDANT

### A SPECIFY LAMP/LUMINAIRE TYPE

Code:	Lamp:	CCT:	CRI:	Type:	Delivered lms:	Efficacy LPW:	L70 @25°C (77°F):
51 1010	1 x 45W LED	3000K	80	1 head	3412	73.0	> 60,000 hrs
51 1011	1 x 45W LED	3000K	90	1 head	2763	59.2	> 60,000 hrs
51 1012	1 x 45W LED	3000K	>93	1 head	2560	54.8	> 60,000 hrs
51 1013	1 x 45W LED	3500K	80	1 head	3412	73.0	> 60,000 hrs
51 1014	1 x 45W LED	4000K	80	1 head	3412	73.0	> 60,000 hrs
51 1020	2 x 45W LED	3000K	80	2 head	2 x 3412	73.0	> 60,000 hrs
51 1021	2 x 45W LED	3000K	90	2 head	2 x 2763	59.2	> 60,000 hrs
51 1022	2 x 45W LED	3000K	>93	2 head	2 x 2560	54.8	> 60,000 hrs
51 1023	2 x 45W LED	3500K	80	2 head	2 x 3412	73.0	> 60,000 hrs
51 1024	2 x 45W LED	4000K	80	2 head	2 x 3412	73.0	> 60,000 hrs
51 1030	3 x 45W LED	3000K	80	2 head	2 x 3412	73.0	> 60,000 hrs
51 1031	3 x 45W LED	3000K	90	2 head	2 x 2763	59.2	> 60,000 hrs
51 1032	3 x 45W LED	3000K	>93	2 head	2 x 2560	54.8	> 60,000 hrs
51 1033	3 x 45W LED	3500K	80	2 head	2 x 3412	73.0	> 60,000 hrs
51 1034	3 x 45W LED	4000K	80	2 head	2 x 3412	73.0	> 60,000 hrs
51 1040	4 x 45W LED	3000K	80	4 head	4 x 3412	73.0	> 60,000 hrs
51 1041	4 x 45W LED	3000K	90	4 head	4 x 2763	59.2	> 60,000 hrs
51 1042	4 x 45W LED	3000K	>93	4 head	4 x 2560	54.8	> 60,000 hrs
51 1043	4 x 45W LED	3500K	80	4 head	4 x 3412	73.0	> 60,000 hrs
51 1044	4 x 45W LED	4000K	80	4 head	4 x 3412	73.0	> 60,000 hrs
51 1060	6 x 45W LED	3000K	80	6 head	6 x 3143	73.0	> 60,000 hrs
51 1061	6 x 45W LED	3000K	90	6 head	6 x 2763	59.2	> 60,000 hrs
51 1062	6 x 45W LED	3000K	>93	6 head	6 x 2560	54.8	> 60,000 hrs
51 1063	6 x 45W LED	3500K	80	6 head	6 x 3412	73.0	> 60,000 hrs
51 1064	6 x 45W LED	4000K	80	6 head	6 x 3412	73.0	> 60,000 hrs
51 1080	8 x 45W LED	3000K	80	8 head	8 x 3412	73.0	> 60,000 hrs
51 1081	8 x 45W LED	3000K	90	8 head	8 x 2763	59.2	> 60,000 hrs
51 1082	8 x 45W LED	3000K	>93	8 head	8 x 2560	54.8	> 60,000 hrs
51 1083	8 x 45W LED	3500K	80	8 head	8 x 3412	73.0	> 60,000 hrs
51 1084	8 x 45W LED	4000K	80	8 head	8 x 3412	73.0	> 60,000 hrs

### B SPECIFY REFLECTOR

**NR** Narrow 17°

**ME** Medium 37°

**WD** Wide 75°

### C SPECIFY OPTIONS

**CL** Clear lens

**Example Specification Code:** 51 1010 - ME

Photometric testing performed using LM79 procedures.

The XACARA line of products are the subject of several pending U.S. Design Patent and Canadian Industrial Design Applications. EU Registered Design Application Pending.

**Note:** Due to constant changes in LEDs, please check our website for current product specifications.

## Xacara-S 45W Photometrics

Color Temp: 4000K

Multipliers:

3000K 80 CRI = 1.00

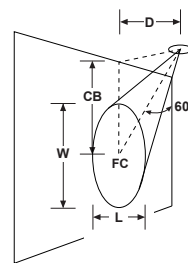
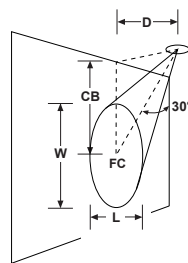
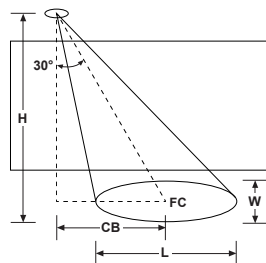
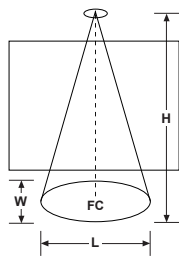
3000K 90 CRI = 0.81

3000K 93 CRI = 0.75

3500K 80 CRI = 1.00

4000K 70 CRI = 1.07

	0° Aiming Angle Horizontal FC				30° Aiming Angle Horizontal FC					30° Aiming Angle Vertical FC on Wall					60° Aiming Angle Vertical FC on Wall					
	H	FC	L	W	H	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB	
<b>Narrow 17°</b>																				
CBCP: 9392	5.0	<b>376</b>	2.2	2.2	5.0	<b>280</b>	3.0	2.6	2.9	3.0	<b>145</b>	6.2	2.7	5.2	3.0	<b>821</b>	1.8	1.5	1.7	
Lumens: 3093	7.5	<b>167</b>	3.3	3.3	7.5	<b>123</b>	4.5	3.8	4.3	4.0	<b>79</b>	8.3	3.6	6.9	4.0	<b>437</b>	2.4	2.1	2.3	
LPW: 66.2	10.0	<b>93</b>	4.4	4.4	10.0	<b>70</b>	6.0	5.1	5.8	5.0	<b>50</b>	10.4	4.4	8.7	5.0	<b>270</b>	3.0	2.6	2.9	
	12.5	<b>60</b>	5.5	5.5	12.5	<b>44</b>	7.5	6.4	7.2	6.0	<b>34</b>	12.5	5.3	10.4	6.0	<b>183</b>	3.6	3.1	3.5	
	15.0	<b>42</b>	6.6	6.6	15.0	<b>32</b>	9.0	7.7	8.7											
<b>Medium 37°</b>																				
CBCP: 5194	5.0	<b>208</b>	4.7	4.7	5.0	<b>155</b>	6.7	5.4	2.9	3.0	<b>77</b>	32.2	5.6	5.2	3.0	<b>446</b>	4.0	3.2	1.7	
Lumens: 3286	7.5	<b>92</b>	7.0	7.0	7.5	<b>68</b>	10.1	8.1	4.3	4.0	<b>42</b>	42.9	7.5	6.9	4.0	<b>236</b>	5.4	4.3	2.3	
LPW: 70.3	10.0	<b>52</b>	9.3	9.3	10.0	<b>39</b>	13.4	10.8	5.8	5.0	<b>26</b>	53.6	9.3	8.7	5.0	<b>147</b>	6.7	5.4	2.9	
	12.5	<b>33</b>	11.7	11.7	12.5	<b>24</b>	16.8	13.5	7.2	6.0	<b>17</b>	64.4	11.2	10.4	6.0	<b>98</b>	8.0	6.5	3.5	
	15.0	<b>24</b>	14.0	14.0	15.0	<b>17</b>	20.1	16.2	8.7											
<b>Wide 75°</b>																				
CBCP: 2310	5.0	<b>92</b>	7.0	4.7	5.0	<b>68</b>	11.2	8.1	2.9						3.0	<b>196</b>	6.7	4.8	1.7	
Lumens: 3412	7.5	<b>41</b>	10.5	7.0	7.5	<b>30</b>	16.7	12.2	4.3						4.0	<b>104</b>	8.9	6.5	2.3	
LPW: 73.0	10.0	<b>23</b>	14.0	9.3	10.0	<b>17</b>	22.3	16.1	5.8						5.0	<b>65</b>	11.2	8.1	2.9	
	12.5	<b>15</b>	17.5	11.7	12.5	<b>11</b>	27.9	20.2	7.2						6.0	<b>43</b>	13.4	9.7	3.5	
	15.0	<b>10</b>	21.0	14.0	15.0	<b>7</b>	33.5	24.3	8.7											



### NOTES:

Beam spread is to 50% center beam candlepower (CBCP)

D=Distance in feet to wall.

H=Distance in feet to floor

FC=Footcandles on floor or wall at center beam aiming location.

L =Effective Visual Beam length in feet (50% of maximum footcandle level.)

W=Effective Visual Beam width in feet (50% of maximum footcandle level.)

CB=Distance in feet across or down to center beam location.

**Note:** Due to constant changes in LEDs, please check our website for current product specifications.