

Catalog Number	
Notes	Type

## FEATURES & SPECIFICATIONS

### HOUSING

High quality metal lampholder ring.  
Available in white or black finish.

### YOKE

Heavy-gauge steel yoke allows rotation up to 330°.  
Pivot mechanism allows adjustment up to 90° from vertical.

### ADAPTOR

Low-profile, injection-molded track mounting adaptor for easy attachment to Lithonia 1 or 2 circuit track. Snap lock secures adaptor to track.

### ELECTRICAL SYSTEM

Heavy-gauge metal socket housing with medium-base porcelain socket.  
Side-prong porcelain socket with injection-molded cover on PAR38/3.

### LISTING

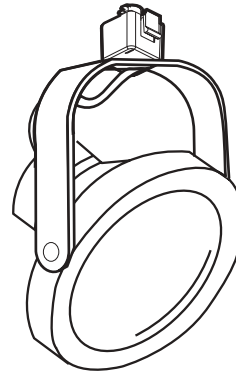
UL listed to U.S. and Canadian safety standards.

Incandescent Line Voltage

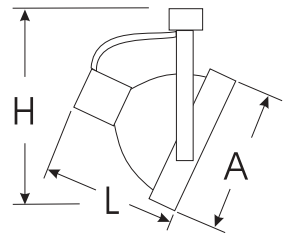
# LTC

GIMBAL RING

PAR16, 20, 30, 38, 38/3 Lamps



Lamp Designation	Aperture (A)	Length (L)	Maximum Height (H)
PAR16	2-1/4 (5.9)	4-1/4 (10.9)	6-3/4 (17.2)
PAR20	2-3/4 (7.0)	4-1/2 (11.3)	7-1/4 (18.4)
PAR30	4 (10)	4-7/8 (12.5)	8 (20.2)
PAR38	5 (12.7)	6-1/2 (16.7)	10 (25.4)
PAR38/3	5 (12.7)	4 (10.2)	8 (20.3)



All dimensions are in inches (centimeters).

## ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

Example: **LTC GMBR PAR16 WH**

<b>LTC</b>	<b>GMBR</b>	<b>Lamp Designation</b>	<b>Finish</b>
Series	Head Style		
LTC	GMBR Gimbal ring	<b>PAR16</b> PAR16 compatible (60W maximum) <sup>1,2</sup> <b>PAR20</b> PAR20 compatible (50W maximum) <b>PAR30</b> PAR30 short-neck (75W maximum) <b>PAR38</b> PAR38 compatible (Q250W maximum) <b>PAR38/3</b> PAR38 side-prong compatible (150W maximum)	<b>WH</b> White <b>DBL</b> Black

### Accessories

Order as separate catalog number.

<b>LTGCS</b>	Filter holder for PAR20, PAR30, PAR38 or PAR38/3.
<b>F400</b>	Lens for use with PAR20 fixture only. LTGCS filter holder or 400 series barn door required. <sup>3,4</sup>
<b>F500</b>	Lens for use with PAR30 fixture only. LTGCS filter holder or 500 series barn door required. <sup>3,4</sup>
<b>F700</b>	Lens for use with PAR38 or PAR38/3 fixture only. LTGCS filter holder or 701 series barn door required. <sup>3,4</sup>
<b>L400</b>	Eggcrate louver for use with PAR20 fixture only. LTGCS filter holder or 400 series barn door required. <sup>4</sup>
<b>L500</b>	Eggcrate louver for use with PAR30 fixture only. LTGCS filter holder or 500 series barn door required. <sup>4</sup>
<b>L700</b>	Eggcrate louver for use with PAR38 or PAR38/3 fixture only. LTGCS filter holder or 701 series barn door required. <sup>4</sup>
<b>LTGBD400</b>	Barn door for PAR20 fixture. Specify white (WH) or black (DBL).
<b>LTGBD500</b>	Barn door for PAR30 fixture. Specify white (WH) or black (DBL).
<b>LTGBD701</b>	Barn door for PAR38 or PAR38/3 fixture. Specify white (WH) or black (DBL).

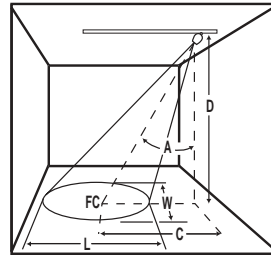
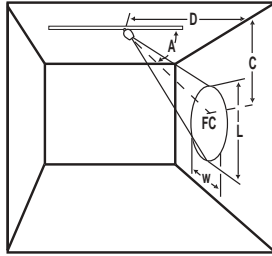
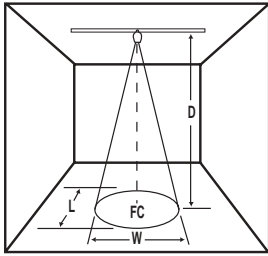
### NOTES:

- Not compatible with Philips PAR16 lamp.
- Accessories not available with PAR16 lamp.
- For lens type (color selection information) refer to connectors and accessories tab.
- A filter holder or barn door is required when ordering a louver or lens.

# LTC Gimbal Ring

## LAMP PERFORMANCE DATA

The lighting performance data charts shown provide lighting levels (footcandles), beam pattern (in feet), rated lamp life.



- A** Aiming angle      **FC** Footcandles, initial (centerbeam)  
**D** Distance (feet)    **L** Beam length (50% of CB candle power)    **C** Distance to beam center (feet)  
**W** Beam width (50% of CB candle power)

LAMP	RATED LIFE	BEAM SPREAD	0° AIMING ANGLE					30° AIMING ANGLE					45° AIMING ANGLE					60° AIMING ANGLE				
			D	FC	W	L	C	D	FC	W	L	C	D	FC	W	L	C	D	FC	W	L	C
60PAR16/HAL/NSP	2000	10°	4	313	0.7	0.7	N/A	4	203	0.8	0.9	2.3	3	196	0.7	1.1	3.0	2	156	0.7	1.4	3.5
			6	139	1.1	1.1	N/A	6	90	1.2	1.4	3.5	4	110	1.0	1.4	4.0	3	69	1.1	2.2	5.2
			8	78	1.4	1.4	N/A	8	51	1.6	1.9	4.6	5	71	1.2	1.8	5.0	4	39	1.4	2.9	6.9
50PAR20/H/SP10	2500	10°	4	375	0.7	0.7	N/A	4	244	0.8	0.9	2.3	3	236	0.7	1.1	3.0	2	188	0.7	1.4	3.5
			6	167	1.1	1.1	N/A	5	156	1.0	1.2	2.9	4	133	1.0	1.4	4.0	3	83	1.1	2.2	5.2
			8	94	1.4	1.4	N/A	6	108	1.2	1.4	3.5	5	85	1.2	1.8	5.0	4	47	1.4	2.9	6.9
50PAR20/H/FL25	2500	25°	3	167	1.3	1.3	N/A	2	244	1.0	1.2	1.2	2	133	1.3	1.9	2.0	2	47	1.8	4.2	3.5
			4	94	1.8	1.8	N/A	3	108	1.5	1.8	1.7	3	59	1.9	2.8	3.0	3	21	2.7	6.2	5.2
			5	60	2.2	2.2	N/A	4	61	2.1	2.4	2.3	4	33	2.5	3.7	4.0	4	12	3.6	8.3	6.9
75PAR30/CAP/NSP	2500	9°	8	219	1.3	1.3	N/A	8	142	1.5	1.7	4.6	6	137	1.3	1.9	6.0	4	109	1.3	2.6	6.9
			10	140	1.6	1.6	N/A	10	91	1.8	2.1	5.8	8	77	1.8	2.5	8.0	6	49	1.9	3.9	10.4
			12	97	1.9	1.9	N/A	12	63	2.2	2.5	6.9	10	50	2.2	3.2	10.0	8	27	2.5	5.1	13.9
75PAR30/CAP/NFL	2500	30°	4	200	2.1	2.1	N/A	4	130	2.5	2.9	2.3	2	283	1.5	2.3	2.0	2	100	2.1	5.5	3.5
			6	89	3.2	3.2	N/A	6	58	3.7	4.4	3.5	4	71	3.0	4.6	4.0	3	44	3.2	8.2	5.2
			8	50	4.3	4.3	N/A	8	32	5.0	5.9	4.6	6	31	4.6	6.9	6.0	4	25	4.3	10.9	6.9
75PAR30/CAP/FL	2500	40°	4	125	2.9	2.9	N/A	3	144	2.5	3.1	1.7	3	79	3.1	5.0	3.0	2	63	2.9	9.7	3.5
			6	56	4.4	4.4	N/A	4	81	3.4	4.1	2.3	4	44	4.1	6.7	4.0	3	28	4.4	14.5	5.2
			8	31	5.8	5.8	N/A	5	52	4.2	5.1	2.9	5	28	5.2	8.4	5.0	4	16	5.8	19.3	6.9
120PAR/CAP/SPL/SP	3000	9°	10	250	1.6	1.6	N/A	10	162	1.8	2.1	5.8	6	246	1.3	1.9	6.0	4	195	1.3	2.6	6.9
			12	174	1.9	1.9	N/A	12	113	2.2	2.5	6.9	8	138	1.8	2.5	8.0	6	87	1.9	3.9	10.4
			14	128	2.2	2.2	N/A	14	83	2.5	2.9	8.1	10	88	2.2	3.2	10.0	8	49	2.5	5.1	13.9
120PAR/CAP/SPL/FL	3000	30°	4	313	2.1	2.1	N/A	4	203	2.5	2.9	2.3	4	110	3.0	4.6	4.0	2	156	2.1	5.5	3.5
			6	139	3.2	3.2	N/A	6	90	3.7	4.4	3.5	6	49	4.6	6.9	6.0	3	69	3.2	8.2	5.2
			8	78	4.3	4.3	N/A	8	51	5.0	5.9	4.6	8	28	6.1	9.2	8.0	4	39	4.3	10.9	6.9
150PAR/SP	2000	12°	8	215	1.7	1.7	N/A	8	139	1.9	2.3	4.6	6	135	1.8	2.6	6.0	4	107	1.7	3.5	6.9
			12	95	2.5	2.5	N/A	12	62	2.9	3.4	6.9	8	76	2.4	3.4	8.0	6	48	2.5	5.2	10.4
			16	54	3.4	3.4	N/A	16	35	3.9	4.5	9.2	10	49	3.0	4.3	10.0	8	27	3.4	7.0	13.9
150PAR/FL	2000	30°	4	215	2.1	2.1	N/A	4	139	2.5	2.9	2.3	4	76	3.0	4.6	4.0	2	107	2.1	5.5	3.5
			8	54	4.3	4.3	N/A	6	62	3.7	4.4	3.5	6	34	4.6	6.9	6.0	4	27	4.3	10.9	6.9
			12	24	6.4	6.4	N/A	8	35	5.0	5.9	4.6	8	19	6.1	9.2	8.0	6	12	6.4	16.4	10.4
Q250PAR/SP10°	4200	10°	10	400	1.8	1.8	N/A	10	260	2.0	2.3	5.8	8	221	2.0	2.8	8.0	4	313	1.4	2.9	6.9
			15	178	2.6	2.6	N/A	14	133	2.8	3.3	8.1	10	141	2.5	3.5	10.0	6	139	2.1	4.3	10.4
			20	100	3.5	3.5	N/A	18	80	3.6	4.2	10.4	12	98	3.0	4.2	12.0	8	78	2.8	5.7	13.9
Q250PAR/FL30°	4200	30°	8	141	4.3	4.3	N/A	6	162	3.7	4.4	3.5	4	199	3.0	4.6	4.0	3	125	3.2	8.2	5.2
			12	63	6.4	6.4	N/A	8	91	5.0	5.9	4.6	6	88	4.6	6.9	6.0	4	70	4.3	10.9	6.9
			16	35	8.6	8.6	N/A	10	58	6.2	7.3	5.8	8	50	6.1	9.2	8.0	5	45	5.4	13.7	8.7
90PAR/CAP/3SP	2500	12°	8	188	1.7	1.7	N/A	8	122	1.9	2.3	4.6	6	118	1.8	2.6	6.0	4	94	1.7	3.5	6.9
			12	83	2.5	2.5	N/A	12	54	2.9	3.4	6.9	8	66	2.4	3.4	8.0	6	42	2.5	5.2	10.4
			16	47	3.4	3.4	N/A	16	30	3.9	4.5	9.2	10	42	3.0	4.3	10.0	8	23	3.4	7.0	13.9
90PAR/CAP/3FL	2500	30°	4	234	2.1	2.1	N/A	4	152	2.5	2.9	2.3	3	147	2.3	3.5	3.0	2	117	2.1	5.5	3.5
			6	104	3.2	3.2	N/A	6	68	3.7	4.4	3.5	4	83	3.0	4.6	4.0	3	52	3.2	8.2	5.2
			8	59	4.3	4.3	N/A	8	38	5.0	5.9	4.6	5	53	3.8	5.8	5.0	4	29	4.3	10.9	6.9

All data was calculated from each lamp manufacturer's published data and is subject to normal lamp variations. Maximum footcandle is usually at the aiming point, but not always on wider spread lamps. Lamp data supplied by manufacturers is approximate and individual lamp performance may vary.



**Lithonia Lighting**  
Outdoor Lighting

One Lithonia Way, Conyers, GA 30012-3957

Phone: 770-922-9000 Fax: 770-918-1209

In Canada: 160 avenue Labrosse, Pointe-Claire, P.Q., H9R 1A1

www.lithonia.com