



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

GAT | LED Indirect High Bay

Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable drivers
- Glare free indirect lighting
- LED optics designed for even illumination of the ceiling, minimizing hot spots
- Light weight design for use in air dome structures - 17.6 lbs
- Active cooling allows for maximum performance and system life

Applications:

- Suitable for applications where high output indirect light is needed
- Indoor Tennis Courts
 - Gymnasiums
 - Recreation Facilities
 - Convention Centers

Ambient Operating Temp.:

- -40°C to 50°C

Predicted L70 Lifetime:

- L80 >102,000 hrs (reported)
 - L90 = 51,000 hrs (reported)
- (based on LM-80, TM-21 and in-situ laboratory testing)

Construction:

- Housing and LED tray is precision brake formed from aluminum
- Pre-painted with a highly durable, highly reflective white finish
- 5 high output COBs
- 10' single circuit cord comes standard, other cord lengths/types available

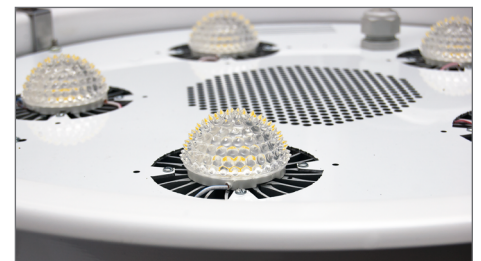
Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations



Warranty:

- 5 year limited system warranty - see www.LumenFocus.com for complete warranty terms and conditions



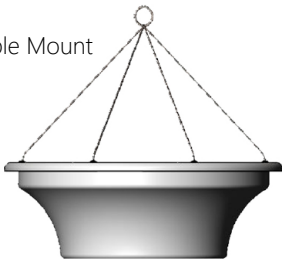
Ordering Guide:

example: GAT HI W UV 850 QC C6 WG

Series	Output	Optic	Voltage	CRI/CCT	Hanging	Options
GAT		W	UV			
GAT	HI High	W Wide	UV 120-277	835 80 CRI/3500K	Blank None	C6 6' Single Circuit Cord
	VH Very High			840 80 CRI/4000K	CM Cable Mount	C65W 6' Single Circuit Cord with Low Voltage Connections
	SH Super High			850 80 CRI/5000K	TR Trunnion Mount	C10 (standard) 10' Single Circuit Cord
					SM Strut Mount	C105W 10' Single Circuit Cord with Low Voltage Connections
						D6 6' Dual Circuit Cord
						D10 10' Dual Circuit Cord
						P(NEMA) Plug (Specify NEMA configuration)
						WG Wire Guard

Mounting:

Cable Mount



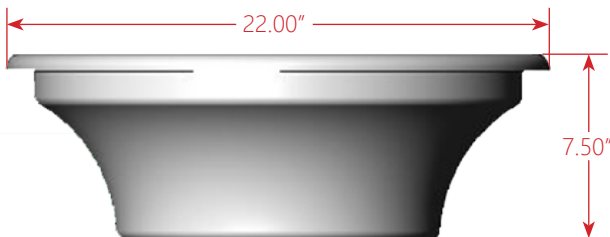
Trunnion Mount



Strut Mount



Schematic:



Performance Chart:

Catalog #	Lumens	Watts	LPW	Catalog #	Lumens	Watts	LPW	Catalog #	Lumens	Watts	LPW
GAT HI W UV 835	45,933	404	113.6	GAT HI W UV 840	46,308	404	114.5	GAT HI W UV 850	46,870	404	115.9
GAT VH W UV 835	49,447	452	109.4	GAT VH W UV 840	49,850	452	110.3	GAT VH W UV 850	50,456	452	111.6
GAT SH W UV 835	53,881	507	106.2	GAT SH W UV 840	54,321	507	107.1	GAT SH W UV 850	54,981	507	108.4

Photometric Data:

GAT HI W UV 850-C6

Test No.: LLIA000800-001A

Luminaire Lumens: 46,870 lm

Luminaire Watts: 404.3W

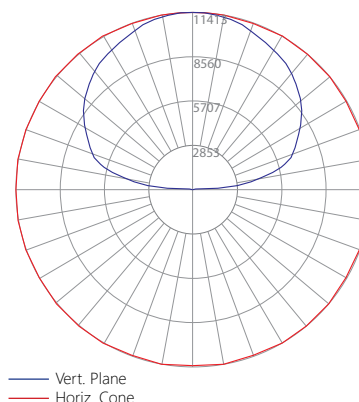
Efficacy: 115.9 LPW

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC		80				70				50				30			
RW		70	50	30	10	70	50	30	10	50	30	10		50	30	10	
0		95	95	95	95	81	81	81	81	56	56	56		32	32	32	
1		87	83	79	76	74	71	68	65	48	47	45		28	27	26	
2		79	72	66	62	67	62	57	53	42	40	37		24	23	22	
3		72	63	56	51	61	54	49	44	37	34	31		21	20	18	
4		65	56	48	43	56	48	42	37	33	29	26		19	17	16	
5		60	49	42	36	51	42	36	32	29	25	22		17	15	13	
6		55	44	36	31	47	38	32	27	26	22	19		15	13	11	
7		50	39	32	27	43	34	28	23	23	19	17		14	11	10	
8		47	35	28	23	40	30	24	20	21	17	14		12	10	9	
9		43	32	25	20	37	28	22	18	19	15	13		11	9	8	
10		40	29	22	18	34	25	19	16	17	14	11		10	8	7	

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08



Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-90	0.00	0.0
90-110	9048.83	19.3
90-120	16421.67	35.0
90-130	24085.10	51.4
90-150	37749.81	80.5
90-180	46869.63	100.0
110-180	37820.80	80.7
0-180	46869.63	100.0

