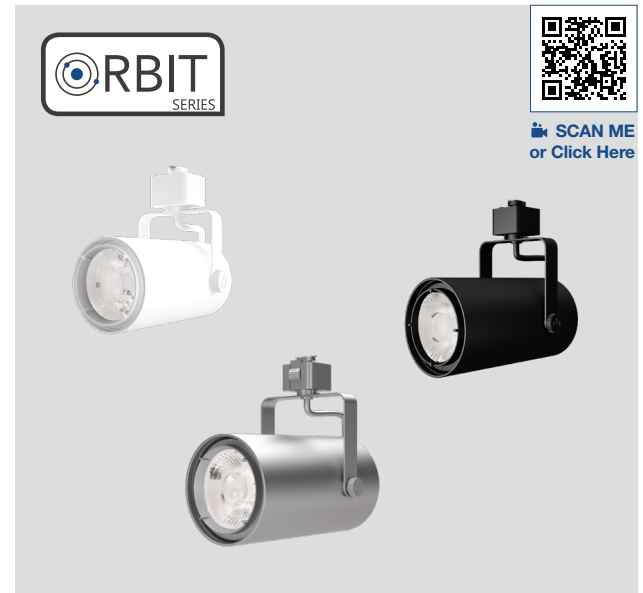


Project Name:	Type:
Part Number:	Date:

ORBIT TRACK HEAD

SPECIFICATION FEATURES

- **Mechanical** - Compact fixture body made from die cast aluminum and polycarbonate lens design provide high quality light to compliment any space. Polycarbonate fixture lens holder design allows accessories to easily hold or snap in place. Fixture bodies and matching accessories are available in matte black, matte white and silver.
- **Electrical** - Field select from 2 lumen outputs using SelectDrive technology. Universal 120V only, 50/60 Hz drivers available. 120V drivers are dimmable to 5% using TRIAC or ELV dimmers.
- **Optical** - Fixture rotates 350° and tilts up to 120°. 15° Spot, 25° Narrow and 35° Flood beam angles available. Minimum 90 CRI with 2-step SDCM COB binning. Available in 2700K, 3000K, 3500K or 4000K CCT.
- **Thermal** - Die cast heat sink maximizes passive thermal management and achieves a L70 rated lifetime of 50,000 hours. Ambient temperature rated from -22°F to 95°F (-30°C to 35°C).
- **Compliance and Warranty** - ETL Listed for dry locations. Complies with FCC 47CFR Part 15B consumer limits for EMI/RFI emissions. 5 year parts warranty for complete fixture. JA8 Certified to meet CA Title 24 requirements. BAA Compliant Luminaire.



DIGITAL NAVIGATION

Explore the spec sheet through the links below

- | | |
|---------------------------------------|--|
| TECHNICAL INFORMATION | NOMINAL PERFORMANCE |
| LINE DRAWINGS | PHOTOMETRY |
| PHOTOMETRY | ACCESSORY ORDERING INFORMATION |

ASSOCIATED PRODUCTS: [TRACK SYSTEM](#)

BENEFITS

- Field selectable lumen output with SelectDrive technology.
- Compact cylindrical form factor compliments existing architecture.
- Matte black, white and silver finishes match existing track systems.
- H, J, and L track adapters with matching canopy mount available.
- Field interchangeable optics and accessories.

SUITABLE APPLICATIONS

- Retail
- Residential
- Hospitality
- Commercial
- Libraries and museums

ORDERING GUIDE

PART #		Example: ORB/S/930/SP/DIM120V/H/BL					
Series	Size	CRI	CCT	Beam Angle	Driver	Adapter	Finish
ORB ORBIT	S Small 700 / 1,000 lumens	9 CRI 90+	27 2700K	SP Spot 15°	DIM120V 120V, 50/60 Hz, Forward and Reverse Phase Line Voltage Dimming to 5%	H Halo	WH White
	M Medium 1,500 / 2,000 lumens		30 3000K	NR Narrow 25°		J Juno	BL Black
	L Large 3,000 / 4,000 lumens		35 3500K	FL Flood 35°		L Lightolier	SV¹ Silver
			40 4000K			CM Canopy Mount	

FOOTNOTES:

1. Non-stock or limited-stock item: may be subject to extended lead time and minimum order quantity. Please contact factory for details.

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ORBIT TRACK HEAD

TECHNICAL INFORMATION

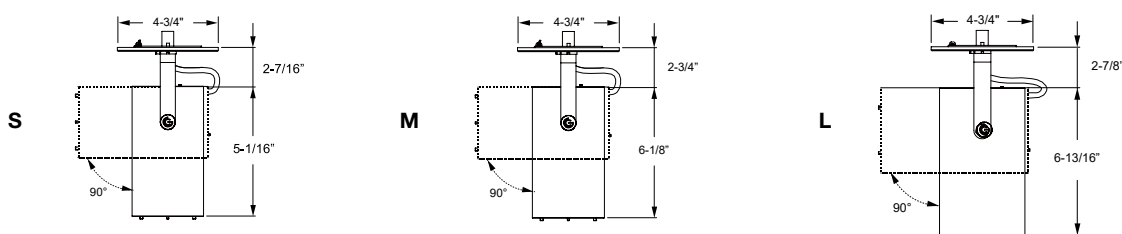
Type	Dimming	Input Voltage	Input Frequency	Input Current	Input Power	THD Power	Power Factor
ORBIT S	120V, Forward and reverse phase dimming to 5%	120V	50 / 60Hz	150 / 200mA	7 / 10W	<20%	>0.9
ORBIT M	120V, Forward and reverse phase dimming to 5%	120V	50 / 60Hz	150 / 200mA	15 / 20W	<20%	>0.9
ORBIT L	120V, Forward and reverse phase dimming to 5%	120V	50 / 60Hz	150 / 200mA	30 / 40W	<20%	>0.9

NOMINAL PERFORMANCE

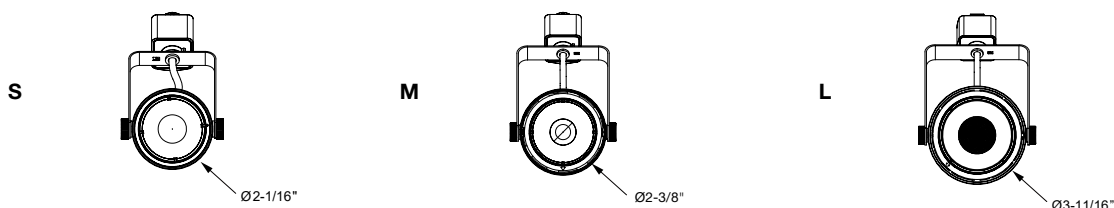
CCT		2700K			3000K			3500K			4000K		
Series	Beam Angle	Output(lm)	Efficacy(lm/W)	CBCP(cd)	Output(lm)	Efficacy(lm/W)	CBCP(cd)	Output(lm)	Efficacy(lm/W)	CBCP(cd)	Output(lm)	Efficacy(lm/W)	CBCP(cd)
ORBIT S Low Output	Spot 15°	658	94	4,935	700	100	5,250	728	104	5,460	735	105	5,512
	Narrow 25°	658	94	2,303	700	100	2,450	728	104	2,548	735	105	2,572
	Flood 35°	658	94	1,711	700	100	1,820	728	104	1,893	735	105	1,911
ORBIT S High Output	Spot 15°	940	94	7,050	1,000	100	7,500	1,040	104	7,800	1,050	105	7,875
	Narrow 25°	940	94	3,290	1,000	100	3,500	1,040	104	3,640	1,050	105	3,675
	Flood 35°	940	94	2,444	1,000	100	2,600	1,040	104	2,704	1,050	105	2,730
ORBIT M Low Output	Spot 15°	1,350	90	14,715	1,425	95	14,962	1,485	99	15,592	1,500	100	15,750
	Narrow 25°	1,350	90	7,155	1,425	95	7,552	1,485	99	7,870	1,500	100	7,950
	Flood 35°	1,350	90	4,050	1,425	95	4,175	1,485	99	4,455	1,500	100	4,500
ORBIT M High Output	Spot 15°	1,800	90	18,900	1,900	95	19,950	1,980	99	20,790	2,000	100	21,000
	Narrow 25°	1,800	90	9,540	1,900	95	10,070	1,980	99	10,494	2,000	100	10,600
	Flood 35°	1,800	90	5,400	1,900	95	5,700	1,980	99	5,940	2,000	100	6,000
ORBIT L Low Output	Spot 15°	2,610	87	22,185	2,760	100	23,460	2,760	92	23,460	2,760	92	23,460
	Narrow 25°	2,700	90	14,850	2,850	100	15,675	2,850	95	15,675	2,850	95	15,675
	Flood 35°	2,610	87	6,525	2,760	100	6,900	2,760	92	6,900	2,760	92	6,900
ORBIT L High Output	Spot 15°	3,480	87	29,580	3,680	100	31,280	3,680	92	31,280	3,680	92	31,280
	Narrow 25°	3,600	90	19,800	3,800	100	20,900	3,800	95	20,900	3,800	95	20,900
	Flood 35°	3,480	87	8,700	3,680	100	9,200	3,680	92	9,200	3,680	92	9,200

LINE DRAWINGS

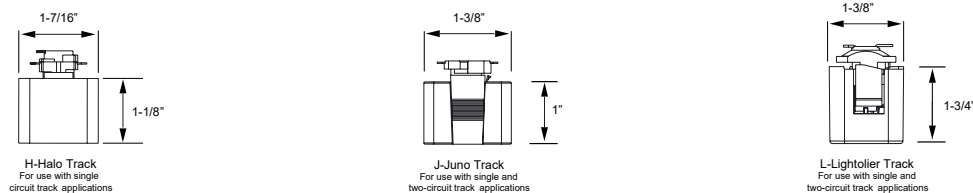
Canopy Mount



Track Mount



Adapters





ORBIT TRACK HEAD

PHOTOMETRY

Notes and Definitions:

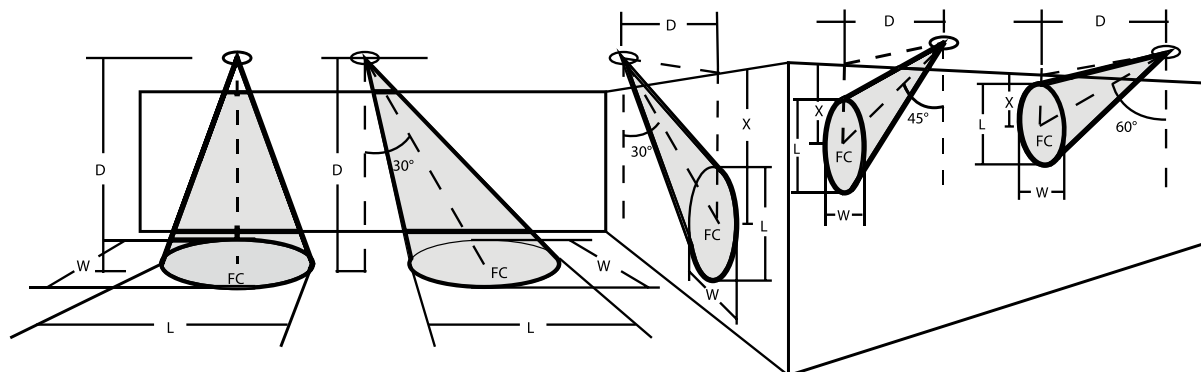
D=Distance to floor or wall

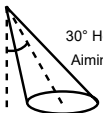
FC=Footcandles on floor or wall at center beam location

L=Effective Visual Beam length in feet

W=Effective Visual Beam width in feet

X=In vertical aiming applications, (X) is the distance down to the center beam location

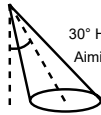


 0° Horizontal Aiming Angle				 30° Horizontal Aiming Angle				 30° Vertical Aiming Angle				 45° Vertical Aiming Angle				 60° Vertical Aiming Angle			
ORB/S/930/SP/DIM120V/xx/yy Low Output (6.6W) Lumens: 645 Beam Angle: SPOT 17° CCT: 3000K CBCP: 5,079																			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	141.1	1.8	1.8	6	105.8	2.4	2.1	3	141.1	3.8	1.8	3	282.2	1.8	1.0	3	105.8	2.4	2.1
8	79.4	2.4	2.4	8	59.5	3.2	2.8	4	79.4	5.1	2.4	4	158.7	2.4	1.4	4	59.5	3.2	2.8
10	50.8	3.0	3.0	10	38.1	4.0	3.5	5	50.8	6.4	3.0	5	101.6	3.1	1.7	5	38.1	4.0	3.5
12	35.3	3.6	3.6	12	26.5	4.8	4.1	6	35.3	7.7	3.6	6	70.5	3.7	2.1	6	26.5	4.8	4.1
14	25.9	4.2	4.2	14	19.4	5.6	4.8	7	25.9	9.0	4.2	7	51.8	4.3	2.4	7	19.4	5.6	4.8
ORB/S/930/NR/DIM120V/xx/yy Low Output (6.6W) Lumens: 643 Beam Angle: NARROW 27° CCT: 3000K CBCP: 2,482																			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	68.9	2.9	2.9	6	51.7	3.9	3.3	3	68.9	7.0	2.9	3	137.9	3.1	1.7	3	51.7	3.9	3.3
8	38.8	3.9	3.9	8	29.1	5.2	4.5	4	38.8	9.3	3.9	4	77.6	4.1	2.2	4	29.1	5.2	4.5
10	24.8	4.8	4.8	10	18.6	6.6	5.6	5	24.8	11.7	4.8	5	49.6	5.1	2.8	5	18.6	6.6	5.6
12	17.2	5.8	5.8	12	12.9	7.9	6.7	6	17.2	14.0	5.8	6	34.5	6.1	3.3	6	12.9	7.9	6.7
14	12.7	6.7	6.7	14	9.5	9.2	7.8	7	12.7	16.3	6.7	7	25.3	7.2	3.9	7	9.5	9.2	7.8
ORB/S/930/FL/DIM120V/xx/yy Low Output (6.6W) Lumens: 650 Beam Angle: FLOOD 35° CCT: 3000K CBCP: 1,719																			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	47.8	3.8	3.8	6	35.8	5.2	4.4	3	47.7	10.8	3.8	3	95.5	4.2	2.2	3	35.8	5.2	4.4
8	26.9	5.1	5.1	8	20.1	7.0	5.8	4	26.9	14.5	5.1	4	53.7	5.6	2.9	4	20.1	7.0	5.8
10	17.2	6.3	6.3	10	12.9	8.7	7.3	5	17.2	18.1	6.3	5	34.4	7.0	3.7	5	12.9	8.7	7.3
12	11.9	7.6	7.6	12	9.0	10.5	8.8	6	11.9	21.7	7.6	6	23.9	8.4	4.4	6	9.0	10.5	8.8
14	8.8	8.9	8.9	14	6.6	12.2	10.2	7	8.8	25.3	8.9	7	17.5	9.8	5.1	7	6.6	12.2	10.2
ORB/S/930/SP/DIM120V/xx/yy High Output (10W) Lumens: 981.65 Beam Angle: SPOT 17° CCT: 3000K CBCP: 7,923																			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	220.1	1.8	1.8	6	165.1	2.4	2.1	3	220.1	3.8	1.8	3	440.1	1.8	1.0	3	165.1	2.41	2.07
8	123.8	2.4	2.4	8	92.8	3.2	2.8	4	123.8	5.1	2.4	4	247.6	2.4	1.4	4	92.8	3.21	2.76
10	79.2	3.0	3.0	10	59.4	4.0	3.5	5	79.2	6.4	3.0	5	158.5	3.1	1.7	5	59.4	4.02	3.45
12	55.0	3.6	3.6	12	41.3	4.8	4.1	6	55.0	7.7	3.6	6	110.0	3.7	2.1	6	41.3	4.82	4.14
14	40.4	4.2	4.2	14	30.3	5.6	4.8	7	40.4	9.0	4.2	7	80.8	4.3	2.4	7	30.3	5.62	4.83

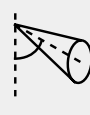
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ORBIT TRACK HEAD

PHOTOMETRY


0° Horizontal
Aiming Angle

30° Horizontal
Aiming Angle

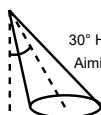
30° Vertical
Aiming Angle

45° Vertical
Aiming Angle

60° Vertical
Aiming Angle

ORB/S/930/NR/DIM120V/xx/yy				High Output (10W)				Lumens: 959.35				Beam Angle: NARROW 27°				CCT: 3000K				CBCP: 3,444			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	95.7	2.9	2.9	6	71.8	3.9	3.3	3	95.7	7.0	2.9	3	191.3	3.1	1.7	3	71.7	3.9	3.3				
8	53.8	3.9	3.9	8	40.4	5.2	4.5	4	53.8	9.3	3.9	4	107.6	4.1	2.2	4	40.4	5.2	4.5				
10	34.4	4.8	4.8	10	25.8	6.6	5.6	5	34.4	11.7	4.8	5	68.9	5.1	2.8	5	25.8	6.6	5.6				
12	23.9	5.8	5.8	12	17.9	7.9	6.7	6	23.9	14.0	5.8	6	47.8	6.1	3.3	6	17.9	7.9	6.7				
14	17.6	6.7	6.7	14	13.2	9.2	7.8	7	17.6	16.3	6.7	7	35.1	7.2	3.9	7	13.2	9.2	7.8				
ORB/S/930/FL/DIM120V/xx/yy				High Output (10W)				Lumens: 963.71				Beam Angle: FLOOD 35°				CCT: 3000K				CBCP: 2,522			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	70.1	3.8	3.8	6	52.5	5.2	4.4	3	70.1	10.9	3.8	3	140.1	4.2	2.2	3	52.6	5.2	4.4				
8	39.4	5.1	5.1	8	29.6	7.0	5.9	4	39.4	14.5	5.1	4	78.8	5.6	2.9	4	29.6	7.0	5.8				
10	25.2	6.3	6.3	10	18.9	8.7	7.3	5	25.2	18.1	6.3	5	50.4	7.0	3.7	5	18.9	8.7	7.3				
12	17.5	7.6	7.6	12	13.1	10.5	8.8	6	17.5	21.7	7.6	6	35.0	8.4	4.4	6	13.1	10.5	8.8				
14	12.9	8.9	8.9	14	9.7	12.2	10.2	7	12.9	25.3	8.9	7	25.7	9.8	5.1	7	9.7	12.2	10.2				
ORB/M/930/SP/DIM120V/xx/yy				Low Output (14.8W)				Lumens: 1,436				Beam Angle: SPOT 15.5°				CCT: 3000K				CBCP: 1,387			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	385.3	1.6	1.6	6	289.0	2.2	1.9	3	385.3	3.5	1.6	3	770.5	1.7	0.9	3	288.9	2.2	1.9				
8	216.7	2.2	2.2	8	162.5	2.9	2.5	4	216.7	4.6	2.2	4	433.4	2.2	1.3	4	162.5	2.9	2.5				
10	138.7	2.7	2.7	10	104.0	3.7	3.1	5	138.7	5.8	2.7	5	277.4	2.8	1.6	5	104.0	3.7	3.1				
12	96.3	3.3	3.3	12	72.2	4.4	3.8	6	96.3	6.9	3.3	6	192.6	3.3	1.9	6	72.2	4.4	3.8				
14	70.8	3.8	3.8	14	53.1	5.1	4.4	7	70.8	8.1	3.8	7	141.5	3.9	2.2	7	53.1	5.1	4.4				
ORB/M/930/NR/DIM120V/xx/yy				Low Output (14.8W)				Lumens: 1,482				Beam Angle: NARROW 22.3°				CCT: 3000K				CBCP: 7,926			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	220.2	2.4	2.4	6	165.1	3.2	2.7	3	220.2	5.4	2.4	3	440.3	2.5	1.4	3	165.1	3.2	2.7				
8	123.8	3.2	3.2	8	92.9	4.3	3.6	4	123.8	7.1	3.2	4	247.7	3.3	1.8	4	92.9	4.3	3.6				
10	79.3	3.9	3.9	10	59.4	5.3	4.6	5	79.3	8.9	3.9	5	158.5	4.1	2.3	5	59.4	5.3	4.6				
12	55.0	4.7	4.7	12	41.3	6.4	5.5	6	55.0	10.7	4.7	6	110.1	4.9	2.7	6	41.3	6.4	5.5				
14	40.4	5.5	5.5	14	30.3	7.5	6.4	7	40.4	12.5	5.5	7	80.9	5.7	3.2	7	30.3	7.5	6.4				
ORB/M/930/FL/DIM120V/xx/yy				Low Output (14.8W)				Lumens: 1,480				Beam Angle: FLOOD 32.9°				CCT: 3000K				CBCP: 4,799			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	133.3	3.5	3.5	6	100.0	4.9	4.1	3	133.3	9.6	3.5	3	266.6	3.9	2.0	3	100.0	4.9	4.1				
8	75.0	4.7	4.7	8	56.2	6.5	5.5	4	75.0	12.8	4.7	4	150.0	5.2	2.7	4	56.2	6.5	5.5				
10	48.0	5.9	5.9	10	36.0	8.1	6.8	5	48.0	16.0	5.9	5	96.0	6.5	3.4	5	36.0	8.1	6.8				
12	33.3	7.1	7.1	12	25.0	9.7	8.2	6	33.3	19.2	7.1	6	66.6	7.8	4.1	6	25.0	9.7	8.2				
14	24.5	8.3	8.3	14	18.4	11.4	9.5	7	24.5	22.4	8.3	7	49.0	9.1	4.8	7	18.4	11.4	9.5				
ORB/M/930/SP/DIM120V/xx/yy				High Output (21W)				Lumens: 1,904				Beam Angle: SPOT 13.8°				CCT: 3000K				CBCP: 20,379			
D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	566.1	1.5	1.5	6	424.6	1.9	1.7	3	566.1	3.0	1.5	3	1132.1	1.5	0.8	3	424.5	1.9	1.7				
8	318.4	1.9	1.9	8	238.8	2.6	2.2	4	318.4	4.1	1.9	4	636.8	2.0	1.1	4	238.8	2.6	2.2				
10	203.8	2.4	2.4	10	152.8	3.2	2.8	5	203.8	5.1	2.4	5	407.6	2.5	1.4	5	152.8	3.2	2.8				
12	141.5	2.9	2.9	12	106.1	3.9	3.4	6	141.5	6.1	2.9	6	283.0	2.9	1.7	6	106.1	3.9	3.4				
14	104.0	3.4	3.4	14	78.0	4.5	3.9	7	104.0	7.1	3.4	7	207.9	3.4	2.0	7	78.0	4.5	3.9				

ORBIT TRACK HEAD

PHOTOMETRY


0° Horizontal
Aiming Angle

30° Horizontal
Aiming Angle

30° Vertical
Aiming Angle

45° Vertical
Aiming Angle

60° Vertical
Aiming Angle

ORB/M/930/NR/DIM120V/xx/yy High Output (21W) Lumens: 1,925 Beam Angle: NARROW 22.3° CCT: 3000K CBCP: 10,371

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	288.1	2.4	2.4	6	216.1	3.2	2.7	3	288.1	5.4	2.4	3	576.1	2.5	1.4	3	216.1	3.2	2.7
8	162.0	3.2	3.2	8	121.5	4.3	3.6	4	162.0	7.1	3.2	4	324.1	3.3	1.8	4	121.5	4.3	3.6
10	103.7	3.9	3.9	10	77.8	5.3	4.6	5	103.7	8.9	3.9	5	207.4	4.1	2.3	5	77.8	5.3	4.6
12	72.0	4.7	4.7	12	54.0	6.4	5.5	6	72.0	10.7	4.7	6	144.0	4.9	2.7	6	54.0	6.4	5.5
14	52.9	5.5	5.5	14	39.7	7.5	6.4	7	52.9	12.5	5.5	7	105.8	5.7	3.2	7	39.7	7.5	6.4

ORB/M/930/FL/DIM120V/xx/yy High Output (21W) Lumens: 1,919 Beam Angle: FLOOD 32.8° CCT: 3000K CBCP: 5,958

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	165.5	3.5	3.5	6	124.1	4.8	4.1	3	165.5	9.5	3.5	3	331.0	3.9	2.0	3	124.1	4.8	4.1
8	93.1	4.7	4.7	8	69.8	6.5	5.4	4	93.1	12.7	4.7	4	186.2	5.2	2.7	4	69.8	6.5	5.4
10	59.6	5.9	5.9	10	44.7	8.1	6.8	5	59.6	15.9	5.9	5	119.2	6.4	3.4	5	44.7	8.1	6.8
12	41.4	7.1	7.1	12	31.0	9.7	8.2	6	41.4	19.1	7.1	6	82.7	7.7	4.1	6	31.0	9.7	8.2
14	30.4	8.2	8.2	14	22.8	11.3	9.5	7	30.4	22.3	8.2	7	60.8	9.0	4.8	7	22.8	11.3	9.5

ORB/L/930/SP/DIM120V/xx/yy Low Output (30W) Lumens: 2,847 Beam Angle: SPOT 17.2° CCT: 3000K CBCP: 22,967

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	638.0	1.8	1.8	6	478.5	2.4	2.1	3	637.9	3.9	1.8	3	1275.9	1.9	1.0	3	478.5	2.4	2.1
8	358.9	2.4	2.4	8	269.1	3.3	2.8	4	358.8	5.2	2.4	4	717.7	2.5	1.4	4	269.1	3.3	2.8
10	229.7	3.0	3.0	10	172.3	4.1	3.5	5	229.7	6.5	3.0	5	459.3	3.1	1.7	5	172.2	4.1	3.5
12	159.5	3.6	3.6	12	119.6	4.9	4.2	6	159.5	7.8	3.6	6	319.0	3.7	2.1	6	119.6	4.9	4.2
14	117.2	4.2	4.2	14	87.9	5.7	4.9	7	117.2	9.1	4.2	7	234.3	4.3	2.4	7	87.9	5.7	4.9

ORB/L/930/NR/DIM120V/xx/yy Low Output (30W) Lumens: 2,893 Beam Angle: NARROW 21.5° CCT: 3000K CBCP: 15,606

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	433.5	2.28	2.28	6	325.1	3.1	2.6	3	433.5	5.1	2.3	3	867.0	2.4	1.3	3	325.1	3.1	2.6
8	243.8	3.04	3.04	8	182.9	4.1	3.5	4	243.8	6.8	3.0	4	487.7	3.2	1.8	4	182.9	4.1	3.5
10	156.1	3.80	3.80	10	117.0	5.1	4.4	5	156.1	8.5	3.8	5	312.1	3.9	2.2	5	117.0	5.1	4.4
12	108.4	4.56	4.56	12	81.3	6.1	5.3	6	108.4	10.2	4.6	6	216.7	4.7	2.6	6	81.3	6.1	5.3
14	79.6	5.32	5.32	14	59.7	7.2	6.1	7	79.6	11.9	5.3	7	159.2	5.5	3.1	7	59.7	7.2	6.1

ORB/L/930/FL/DIM120V/xx/yy Low Output (31W) Lumens: 2,853 Beam Angle: FLOOD 36° CCT: 3000K CBCP: 7,333

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	203.7	3.9	3.9	6	152.8	5.4	4.5	3	203.7	11.4	3.9	3	407.4	4.4	2.3	3	152.8	5.4	4.5
8	114.6	5.2	5.2	8	85.9	7.2	6.0	4	114.6	15.2	5.2	4	229.1	5.8	3.0	4	85.9	7.2	6.0
10	73.3	6.5	6.5	10	55.0	9.0	7.5	5	73.3	19.0	6.5	5	146.7	7.3	3.8	5	55.0	9.0	7.5
12	50.9	7.8	7.8	12	38.2	10.8	9.0	6	50.9	22.8	7.8	6	101.8	8.7	4.5	6	38.2	10.8	9.0
14	37.4	9.1	9.1	14	28.1	12.6	10.5	7	37.4	26.6	9.1	7	74.8	10.2	5.3	7	28.1	12.6	10.5

ORB/L/930/SP/DIM120V/xx/yy High Output (40W) Lumens: 3,638 Beam Angle: SPOT 16.8° CCT: 3000K CBCP: 30,834

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	856.5	1.8	1.8	6	642.4	2.4	2.0	3	856.5	3.8	1.8	3	1712.9	1.8	1.0	3	642.4	2.4	2.0
8	481.8	2.4	2.4	8	361.3	3.2	2.7	4	481.8	5.1	2.4	4	963.5	2.4	1.4	4	361.3	3.2	2.7
10	308.3	3.0	3.0	10	231.3	4.0	3.4	5	308.3	6.3	3.0	5	616.7	3.0	1.7	5	231.2	4.0	3.4
12	214.1	3.5	3.5	12	160.6	4.8	4.1	6	214.1	7.6	3.5	6	428.2	3.6	2.0	6	160.6	4.8	4.1
14	157.3	4.1	4.1	14	118.0	5.6	4.8	7	157.3	8.8	4.1	7	314.6	4.2	2.4	7	118.0	5.6	4.8

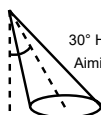


ORBIT TRACK HEAD

PHOTOMETRY



0° Horizontal Aiming Angle



30° Horizontal Aiming Angle



30° Vertical Aiming Angle



45° Vertical Aiming Angle



60° Vertical Aiming Angle

ORB/L/930/NR/DIM120V/xx/yy High Output (40W) Lumens: 3,832 Beam Angle: NARROW 21.4° CCT: 3000K CBCP: 21,071

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	585.3	2.3	2.3	6	439.0	3.1	2.6	3	585.3	5.1	2.3	3	1170.6	2.4	1.3	3	439.0	3.1	2.6
8	329.2	3.0	3.0	8	246.9	4.1	3.5	4	329.2	6.8	3.0	4	658.4	3.1	1.7	4	246.9	4.1	3.5
10	210.7	3.8	3.8	10	158.0	5.1	4.4	5	210.7	8.5	3.8	5	421.4	3.9	2.2	5	158.0	5.1	4.4
12	146.3	4.5	4.5	12	109.7	6.1	5.2	6	146.3	10.2	4.5	6	292.6	4.7	2.6	6	109.7	6.1	5.2
14	107.5	5.3	5.3	14	80.6	7.1	6.1	7	107.5	11.9	5.3	7	215.0	5.5	3.1	7	80.6	7.1	6.1

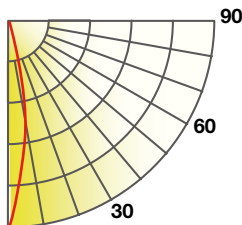
ORB/L/930/FL/DIM120V/xx/yy High Output (40W) Lumens: 3,758 Beam Angle: FLOOD 35.6° CCT: 3000K CBCP: 9,708

D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
6	269.7	3.9	3.9	6	202.3	5.3	4.4	3	269.7	11.2	3.9	3	539.3	4.3	2.2	3	202.2	5.3	4.4
8	151.7	5.1	5.1	8	113.8	7.1	5.9	4	151.7	14.9	5.1	4	303.4	5.7	3.0	4	113.8	7.1	5.9
10	97.1	6.4	6.4	10	72.8	8.9	7.4	5	97.1	18.6	6.4	5	194.2	7.2	3.7	5	72.8	8.9	7.4
12	67.4	7.7	7.7	12	50.6	10.6	8.9	6	67.4	22.3	7.7	6	134.8	8.6	4.4	6	50.6	10.6	8.9
14	49.5	9.0	9.0	14	37.1	12.4	10.4	7	49.5	26.0	9.0	7	99.1	10.0	5.2	7	37.1	12.4	10.4

ORB/S/930/SP/DIM120V/xx/yy Low Output (7W)

SPOT

Lumens: 645lm
CBCP: 5,079cd
Power: 6.6W
Efficacy: 97.7lm/W
CRI: 90
Spacing Criteria: 0.3
Beam Angle: 17°

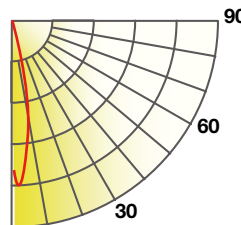


Degree	Candela
0	5,079
15	696
25	139
35	29
45	14

ORB/S/930/SP/DIM120V/xx/yy High Output (10W)

SPOT

Lumens: 982lm
CBCP: 7,923cd
Power: 10W
Efficacy: 100lm/W
CRI: 90
Spacing Criteria: 0.28
Beam Angle: 17°

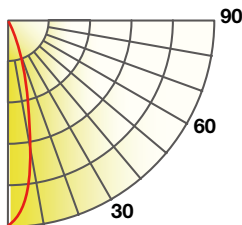


Degree	Candela
0	7,923
15	1,056
25	188
35	36
45	18

ORB/S/930/NR/DIM120V/xx/yy Low Output (7W)

NARROW

Lumens: 643lm
CBCP: 2,482cd
Power: 6.6W
Efficacy: 97.3lm/W
CRI: 90
Spacing Criteria: 0.42
Beam Angle: 27.1°

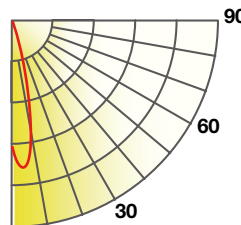


Degree	Candela
0	2,482
15	922
25	199
35	68
45	30

ORB/S/930/NR/DIM120V/xx/yy High Output (10W)

NARROW

Lumens: 959lm
CBCP: 3,444cd
Power: 10W
Efficacy: 98lm/W
CRI: 90
Spacing Criteria: 0.44
Beam Angle: 27.1°

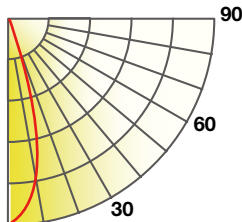


Degree	Candela
0	3,444
15	1,471
25	316
35	108
45	32

ORB/S/930/FL/DIM120V/xx/yy Low Output (7W)

FLOOD

Lumens: 650lm
CBCP: 1,719cd
Power: 6.6W
Efficacy: 98.48lm/W
CRI: 90
Spacing Criteria: 0.54
Beam Angle: 35.1°

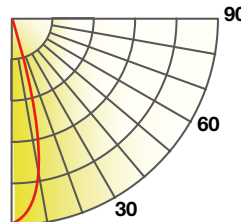


Degree	Candela
0	1,719
15	1,037
25	272
35	68
45	27

ORB/S/930/FL/DIM120V/xx/yy High Output (10W)

FLOOD

Lumens: 964lm
CBCP: 2,522cd
Power: 10W
Efficacy: 99lm/W
CRI: 90
Spacing Criteria: 0.53
Beam Angle: 35.1°



Degree	Candela
0	2,522
15	1,576
25	416
35	96
45	37

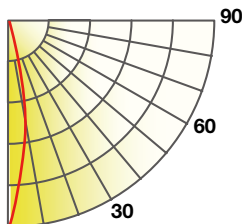


ORBIT TRACK HEAD

PHOTOMETRY

ORB/M/930/SP/DIM120V/xx/yy Low Output (14.8W) SPOT

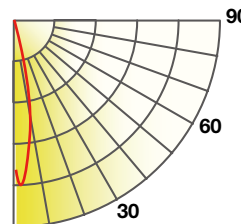
Lumens: 1,436lm
CBCP: 13,870cd
Power: 14.8W
Efficacy: 97lm/W
CRI: 90
Spacing Criteria: 0.26
Beam Angle: 15.5°



Degree	Candela
0	13,870
15	1,339
25	258
35	65
45	33

ORB/M/930/SP/DIM120V/xx/yy High Output (21W) SPOT

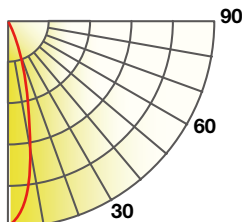
Lumens: 1,904lm
CBCP: 20,379cd
Power: 21W
Efficacy: 90lm/W
CRI: 90
Spacing Criteria: 0.24
Beam Angle: 13.8°



Degree	Candela
0	20,379
15	1,684
25	343
35	86
45	44

ORB/M/930/NR/DIM120V/xx/yy Low Output (14.8W) NARROW

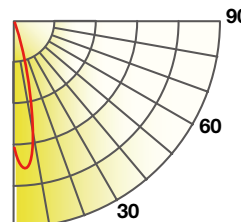
Lumens: 1,482lm
CBCP: 7,926cd
Power: 14.8W
Efficacy: 100lm/W
CRI: 90
Spacing Criteria: 0.38
Beam Angle: 22.3°



Degree	Candela
0	7,926
15	2,345
25	279
35	63
45	29

ORB/M/930/NR/DIM120V/xx/yy High Output (21W) NARROW

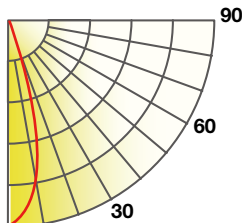
Lumens: 1,925lm
CBCP: 10,371cd
Power: 21W
Efficacy: 92lm/W
CRI: 90
Spacing Criteria: 0.42
Beam Angle: 22.3°



Degree	Candela
0	10,371
15	3,043
25	364
35	81
45	37

ORB/M/930/FL/DIM120V/xx/yy Low Output (14.8W) FLOOD

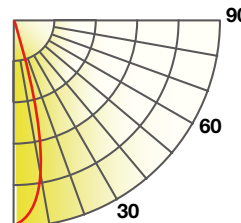
Lumens: 1,480lm
CBCP: 4,799cd
Power: 14.8W
Efficacy: 100lm/W
CRI: 90
Spacing Criteria: 0.54
Beam Angle: 32.9°



Degree	Candela
0	4,799
15	2,758
25	495
35	53
45	22

ORB/M/930/FL/DIM120V/xx/yy High Output (21W) FLOOD

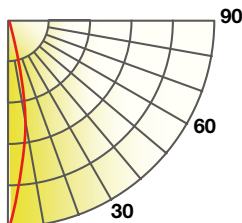
Lumens: 1,919lm
CBCP: 6,314cd
Power: 21W
Efficacy: 92lm/W
CRI: 90
Spacing Criteria: 0.51
Beam Angle: 32.8°



Degree	Candela
0	6,314
15	3,449
25	653
35	69
45	16

ORB/L/930/SP/DIM120V/xx/yy Low Output (30W) SPOT

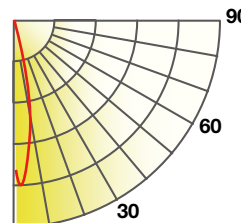
Lumens: 2,847lm
CBCP: 22,967cd
Power: 30W
Efficacy: 94lm/W
CRI: 90
Spacing Criteria: 0.34
Beam Angle: 17.2°



Degree	Candela
0	22,967
15	3,153
25	473
35	96
45	49

ORB/L/930/SP/DIM120V/xx/yy High Output (40W) SPOT

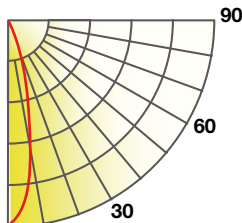
Lumens: 3,638lm
CBCP: 30,834cd
Power: 40W
Efficacy: 92lm/W
CRI: 90
Spacing Criteria: 0.3
Beam Angle: 16.8°



Degree	Candela
0	30,834
15	3,769
25	553
35	116
45	58

ORB/L/930/NR/DIM120V/xx/yy Low Output (30W) NARROW

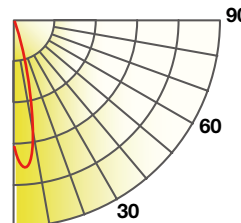
Lumens: 2,893lm
CBCP: 15,606cd
Power: 30W
Efficacy: 96.4lm/W
CRI: 90
Spacing Criteria: 0.4
Beam Angle: 21.5°



Degree	Candela
0	15,606
15	4,095
25	750
35	119
45	66

ORB/L/930/NR/DIM120V/xx/yy High Output (40W) NARROW

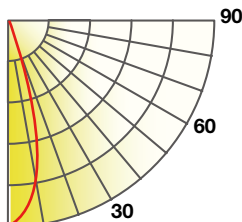
Lumens: 3,832 lm
CBCP: 21,071 cd
Power: 40 W
Efficacy: 98 lm/W
CRI: 90
Beam Angle: 21.4°



Degree	Candela
0	21,071
15	4,986
25	957
35	146
45	82

ORB/L/930/FL/DIM120V/xx/yy Low Output (30W) FLOOD

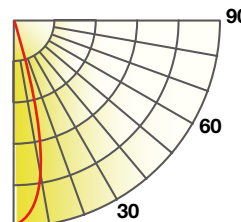
Lumens: 2,853lm
CBCP: 7,333cd
Power: 31W
Efficacy: 91.4lm/W
CRI: 90
Spacing Criteria: 0.64
Beam Angle: 36°



Degree	Candela
0	7,333
15	4,819
25	1,329
35	164
45	66

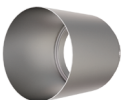
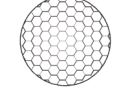
ORB/L/930/FL/DIM120V/xx/yy High Output (40W) FLOOD

Lumens: 3,758lm
CBCP: 9,708cd
Power: 40W
Efficacy: 92.69lm/W
CRI: 90
Spacing Criteria: 0.57
Beam Angle: 35.6°



Degree	Candela
0	9,708
15	6,662
25	2,018
35	227
45	110

ORBIT TRACK HEAD

ACCESSORY ORDERING INFORMATION			
Product	Model	Description	Pictures
35365	ORB/ACC/S/SN/WH	Small Snoot White	
35372	ORB/ACC/M/SN/WH	Medium Snoot White	
35379	ORB/ACC/L/SN/WH	Large Snoot White	
35366	ORB/ACC/S/SN/BL	Small Snoot Black	
35373	ORB/ACC/M/SN/BL	Medium Snoot Black	
35380	ORB/ACC/L/SN/BL	Large Snoot Black	
35367	ORB/ACC/S/SN/SV	Small Snoot Silver	
35374	ORB/ACC/M/SN/SV	Medium Snoot Silver	
35381	ORB/ACC/L/SN/SV	Large Snoot Silver	
35368	ORB/ACC/S/WW/WH	Small Wall Wash White	
35375	ORB/ACC/M/WW/WH	Medium Wall Wash White	
35382	ORB/ACC/L/WW/WH	Large Wall Wash White	
35369	ORB/ACC/S/WW/BL	Small Wall Wash Black	
35376	ORB/ACC/M/WW/BL	Medium Wall Wash Black	
35383	ORB/ACC/L/WW/BL	Large Wall Wash Black	
35370	ORB/ACC/S/WW/SV	Medium Wall Wash Silver	
35377	ORB/ACC/M/WW/BL	Medium Wall Wash Black	
35384	ORB/ACC/L/WW/SV	Large Wall Wash Silver	
35371	ORB/ACC/S/BD/BL	Small Barn Doors Black	
35378	ORB/ACC/M/BD/BL	Medium Barn Doors Black	
35385	ORB/ACC/L/BD/BL	Large Barn Doors Black	
35362	ORB/ACC/S/HC ¹	Small Honeycomb Louver	
35363	ORB/ACC/M/HC ¹	Medium Honeycomb Louver	
35364	ORB/ACC/L/HC ¹	Large Honeycomb Louver	

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ORBIT TRACK HEAD

ACCESSORY ORDERING INFORMATION			
Product	Model	Description	Pictures
35389	ORB/LENS/S/LS	Small Lens Linear Spread	
35394	ORB/LENS/M/LS	Medium Lens Linear Spread	
35399	ORB/LENS/L/LS	Large Lens Linear Spread	
35390	ORB/LENS/S/SOL	Small Lens Solite	
35395	ORB/LENS/M/SOL	Medium Lens Solite	
35400	ORB/LENS/L/SOL	Large Lens Solite	
37051	ORB/LENS/S/SQ3636	Small - Square lens 36°x36°	 
37053	ORB/LENS/M/SQ3636	Medium - Square lens 36°x36°	
36913	ORB/LENS/S/CCT22	Small - CCT Shift Lens 2700K to 2200K	 
36915	ORB/LENS/M/CCT22	Medium - CCT Shift Lens 2700K to 2200K	
36917	ORB/LENS/L/CCT22	Large - CCT Shift Lens 2700K to 2200K	
36914	ORB/LENS/S/CCT24	Small - CCT Shift Lens 2700K to 2400K	 
36916	ORB/LENS/M/CCT24	Medium - CCT Shift Lens 2700K to 2400K	
36918	ORB/LENS/L/CCT24	Large - CCT Shift Lens 2700K to 2400K	
35353	ORB/OPTIC/S/FL	Small Replacement Optic Flood 35°	
35356	ORB/OPTIC/M/FL	Medium Replacement Optic Flood 35°	
35359	ORB/OPTIC/L/FL	Large Replacement Optic Flood 35°	
35354	ORB/OPTIC/S/NR	Small Replacement Optic Narrow 25°	
35357	ORB/OPTIC/M/NR	Medium Replacement Optic Narrow 25°	
35360	ORB/OPTIC/L/NR	Large Replacement Optic Narrow 25°	
35355	ORB/OPTIC/S/SP	Small Replacement Optic Spot 15°	
35358	ORB/OPTIC/M/SP	Large Replacement Optic Spot 15°	
35361	ORB/OPTIC/L/SP	Large Replacement Optic Spot 15°	

FOOTNOTES:

1. HC only comes in black finish.