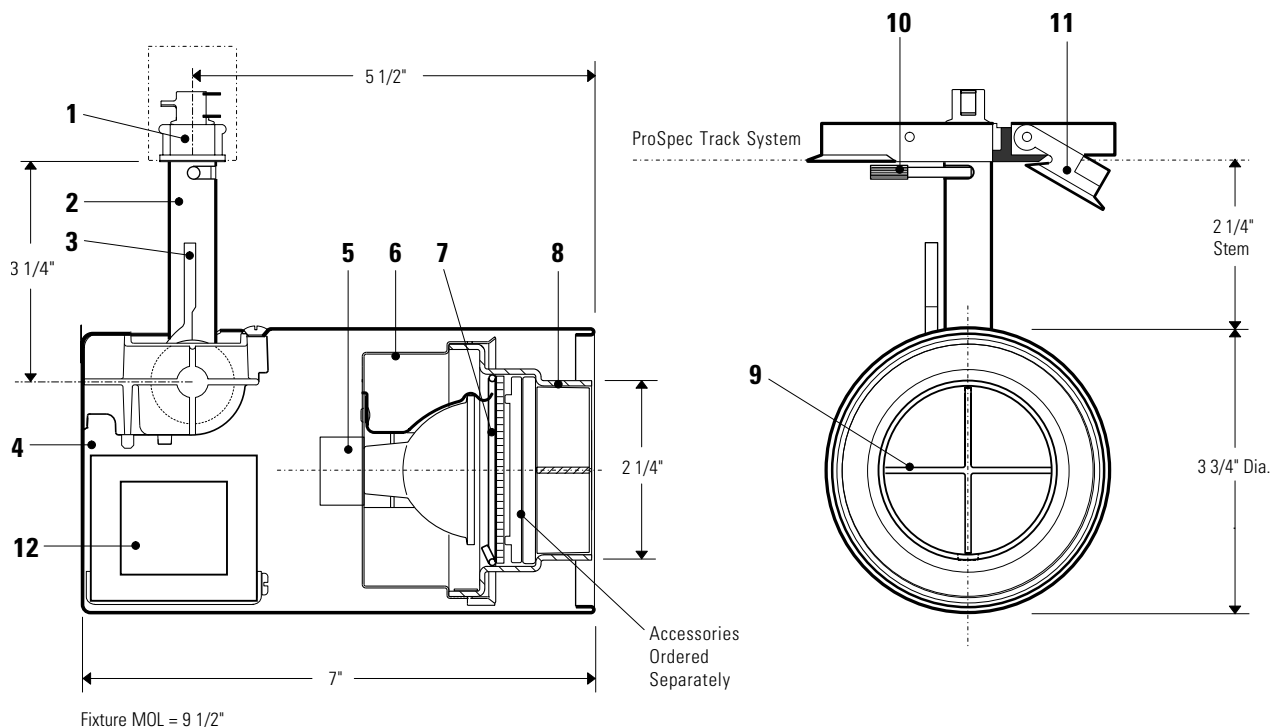




Ordering Information

Catalog No.	Finishes	Mountings	Lamps
26016MBWH	Matte White	ProSpec™ Track System	MR16 50W Max.
26016MBBK	Matte Black		

Features

- Track attachment fitting:** die-cast aluminum with separate mechanical and electrical functions. Fitting cannot be engaged or disengaged while fixture is powered. Polarity is not a concern with ProSpec track because of its symmetrical positioning of circuits within the track, adapters are reversed to access one or the other circuits.
- Stem:** 5/8" O.D. .048" wall, stainless steel.
- Locking feature:** die-cast aluminum mechanism permits the locking of the horizontal and vertical positions simultaneously by clamping jaws. When the stainless steel braking lever is released, the horizontal and vertical functions remain fully tensioned to hold aiming positions. Adjustment range is: horizontal 0-340°; vertical 0° (NADIR) -90°.
- Housing:** 20ga. (.036") steel, hemmed front edge for stiffness, prevents chipping and enhances appearance.
- Lampholder:** Steatite for GX/GY 5.3 Bi-Pin lamps. 250° C Teflon® leads.
- Lamp and accessory support:** .032 steel, flared for easy entry of cartridge; matte black finish.
- Lens retaining ring:** .093" spring steel rod.
- Accessory cartridge:** Formed aluminum, installs and removes with a twist and lock action. Holds three accessories max. and cross blade baffle.
- Cross blade baffle:** .070" extruded aluminum.
- Lever:** energizes fixture electrically by 90° rotation.
- Clamping tabs:** expands or releases gripper springs from track ledge; gripper springs hold attachment fitting securely within track.
- Transformer:** 50W magnetic transformer, 120V Primary, 11.5V Secondary.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessories: 2 1/2" dia. series. Filters, lenses, screens and louvers.

Electrical

Electrical components: Polycarbonate moldings.

Contacts: Heavy gauge 1/2 hard brass developed for Lightolier's "U" shaped track conductors.

Dimming

Dimming controls: use only dimmers specifically designed for use with magnetic transformers, like Lightolier Onset®, Sunrise® series LV or VA dimmers, or any Lightolier Controls dimming system. Low voltage fixtures may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas.

Labels

UL; I.B.E.W.

Teflon® is a registered trademark of E.I. DuPont.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

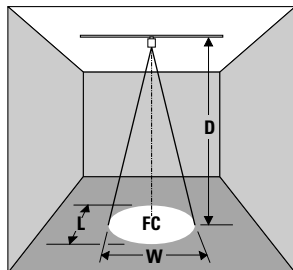
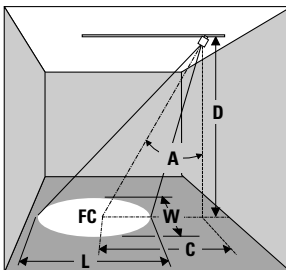
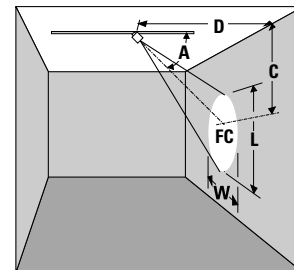
Lightolier a Genlyte Thomas Company
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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LIGHTOLIER®

**Lighting Data****Aiming Angle:**

L Beam length
W Beam width
C Distance to center of beam
D Distance
A Aiming angle
FC Footcandles

L and **W** are the outer points where the candlepower drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

0°**30° 45° or 60° Horizontal****30° 45° or 60° Vertical****LAMP**

	Beam Spread 50% Max CP	Beam Center C.P. Candelas	Rated Life-Hrs
20W MR16 (T-H) VNSP (EZX) 7°		8200	3000
20W MR16 (T-H) NSP (ESX) 13°		3600	2000
20W MR16 (T-H) FL (BAB) 40°		525	4000
35W MR16 (T-H) NSP (FRB) 12°		8700	4000
35W MR16 (T-H) SP (FRA) 20°		3900	4000
42W MR16 (T-H) VNSP (EZY) 9°		13100	3500
50W MR16 (T-H) NFL (EXZ) 27°		3400	4000
50W MR16 (T-H) NSP (EXN) 40°		1850	4000
50W MR16 (T-H) WFL (FNV) 55°		1150	4000

0° AIMING ANGLE

D	FC	L	W
7'	187	0.9'	0.9'
10'	82	1.2'	1.2'
13'	49	1.6'	1.6'
16'	32	2.0'	2.0'
6'	100	1.4'	1.4'
8'	58	1.8'	1.8'
10'	38	2.3'	2.3'
12'	25	2.7'	2.7'
2'	131	1.5'	1.5'
3'	58	2.2'	2.2'
4'	33	2.9'	2.9'
5'	21	3.6'	3.6'
7'	178	1.5'	1.5'
10'	87	2.1'	2.1'
13'	51	2.7'	2.7'
16'	34	3.4'	3.4'
6'	108	2.1'	2.1'
8'	61	2.8'	2.8'
10'	39	3.5'	3.5'
12'	27	4.2'	4.2'
8'	205	1.3'	1.3'
12'	91	1.9'	1.9'
16'	51	2.5'	2.5'
20'	33	3.1'	3.1'
6'	94	2.9'	2.9'
8'	53	3.8'	3.8'
10'	34	4.8'	4.8'
12'	24	5.8'	5.8'
4'	116	2.9'	2.9'
6'	51	4.4'	4.4'
8'	29	5.8'	5.8'
10'	19	7.3'	7.3'
3'	128	3.1'	3.1'
5'	46	5.2'	5.2'
7'	23	7.3'	7.3'
9'	14	9.4'	9.4'

A=30° AIMING ANGLE

D	C	FC	L	W
6'	3.5'	148	1.0'	0.8'
9'	5.2'	66	1.5'	1.3'
12'	6.9'	37	2.0'	1.7'
15'	8.7'	24	2.4'	2.1'
5'	2.8'	94	1.5'	1.3'
7'	4.0'	48	2.1'	1.8'
9'	5.2'	29	2.7'	2.4'
11'	6.4'	19	3.4'	2.9'
2'	1.2'	85	2.0'	1.7'
3'	1.7'	38	3.0'	2.5'
4'	2.3'	21	4.1'	3.4'
5'	2.9'	14	5.1'	4.2'
6'	3.5'	157	1.7'	1.5'
9'	5.2'	70	2.5'	2.2'
12'	6.9'	39	3.4'	2.9'
15'	8.7'	25	4.2'	3.6'
5'	2.9'	101	2.4'	2.0'
7'	4.0'	52	3.3'	2.9'
9'	5.2'	31	4.3'	3.7'
11'	6.4'	21	5.2'	4.5'
7'	4.0'	174	1.5'	1.3'
10'	5.8'	85	2.1'	1.8'
13'	7.5'	50	2.7'	2.4'
16'	9.2'	33	3.4'	2.9'
5'	2.9'	88	3.3'	2.8'
7'	4.0'	45	4.6'	3.9'
9'	5.2'	27	5.9'	5.0'
11'	6.4'	18	7.2'	6.1'
3'	1.7'	134	3.0'	2.5'
5'	2.9'	48	5.1'	4.2'
7'	4.0'	25	7.4'	5.9'
9'	5.2'	15	9.1'	7.6'
3'	1.7'	83	4.6'	3.6'
5'	2.9'	30	7.8'	6.0'
7'	4.0'	15	10.7'	8.4'
9'	5.2'	9	13.7'	10.8'

A=45° AIMING ANGLE

D	C	FC	L	W
4'	4.0'	181	1.0'	0.7'
6'	6.0'	81	1.5'	1.0'
8'	8.0'	45	2.0'	1.4'
10'	10.0'	29	2.5'	1.7'
3'	3.0'	141	1.4'	1.0'
5'	5.0'	51	2.3'	1.6'
7'	7.0'	28	3.2'	2.3'
9'	9.0'	18	4.2'	2.9'
2'	2.0'	45	3.4'	2.1'
3'	3.0'	21	5.0'	3.1'
4'	4.0'	12	6.7'	4.1'
5'	5.0'	7	8.4'	5.1'
4'	4.0'	192	1.7'	1.2'
6'	6.0'	85	2.6'	1.8'
8'	8.0'	48	3.4'	2.4'
10'	10.0'	31	4.3'	3.0'
3'	3.0'	153	2.2'	1.5'
5'	5.0'	55	3.6'	2.5'
7'	7.0'	28	5.1'	3.5'
9'	9.0'	17	6.5'	4.5'
5'	5.0'	185	1.6'	1.1'
7'	7.0'	95	2.2'	1.6'
9'	9.0'	57	2.9'	2.0'
11'	11.0'	38	3.5'	2.4'
3'	3.0'	134	3.1'	2.0'
5'	5.0'	48	5.1'	3.4'
7'	7.0'	25	7.1'	4.8'
9'	9.0'	15	9.2'	6.1'
3'	3.0'	73	5.0'	3.1'
4'	4.0'	41	6.7'	4.1'
5'	5.0'	26	8.4'	5.1'
6'	6.0'	18	10.1'	6.2'
2'	2.0'	102	5.7'	2.9'
3'	3.0'	45	8.6'	4.4'
4'	4.0'	25	11.4'	5.9'
5'	5.0'	16	14.3'	7.4'

A=60° AIMING ANGLE

D	C	FC	L	W
2'	3.5'	256	1.0'	0.5'
3'	5.2'	114	1.5'	0.7'
4'	6.9'	64	2.0'	1.0'
5'	8.7'	41	2.5'	1.2'
2'	3.5'	113	1.9'	0.9'
3'	5.2'	50	2.8'	1.4'
4'	6.9'	28	3.8'	1.8'
5'	8.7'	18	4.7'	2.3'
1'	1.7'	56	4.8'	1.5'
2'	3.5'	16	9.7'	2.9'
3'	5.2'	7	14.5'	4.4'
4'	6.9'	4	19.3'	5.8'
2'	3.5'	272	1.7'	0.8'
3'	5.2'	121	2.6'	1.3'
4'	6.9'	68	3.5'	1.7'
5'	8.7'	44	4.3'	2.1'
2'	3.5'	122	3.1'	1.4'
3'	5.2'	54	4.7'	2.1'
4'	6.9'	30	6.2'	2.8'
5'	8.7'	20	7.8'	3.5'
3'	5.2'	182	1.9'	0.9'
4'	6.9'	102	2.6'	1.3'
5'	8.7'	66	3.2'	1.6'
6'	10.4'	45	3.8'	1.9'
2'	3.5'	106	4.6'	1.9'
3'	5.2'	47	7.0'	2.9'
4'	6.9'	27	9.3'	3.8'
5'	8.7'	17	11.6'	4.8'
1'	1.7'	231	4.8'	1.5'
2'	3.5'	58	9.7'	2.9'
3'	5.2'	26	14.5'	4.4'
4'	6.9'	14	19.3'	5.8'
1'	1.7'	144	22.3'	2.1'
2'	3.5'	36	44.5'	4.2'
3'	5.2'	16	66.8'	6.2'
4'	6.9'	9	89.1'	8.3'

Job Information**Type:**

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