

Ordering Information

Catalog No.	Finishes	Mountings	Lamps
26070MWH	Matte White	ProSpec™ Track System	AR70 50W Max.
26070MBK	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:** 20 ga. (.036") steel, hemmed front edge for stiffness, prevents chipping and enhances appearance.
- Lampholder:** double contact bayonet base with 250°C #18 gauge PTFE leads.
- Lamp and accessory support:** .029 steel, flared for easy entry cartridge matte black finish.
- Lens retaining ring:** .075" O.D. spring steel.
- Accessory cartridge:** .09 wall extruded aluminum, installs and removes with a twist and lock action. Holds three accessories max. and cross blade baffle.
- Cross blade baffle:** .070" extruded aluminum (removable).
- 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, 12V secondary, maximum.
- Lamp Cover Glass:** .09 tempered borosilicate.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessories: 2 1/2" dia. series. Filters, lenses, screens and louvers. (3)
Accessories maximum, including lamp cover glass. Lamp cover glass may be replaced with solid glass accessory.

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.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:



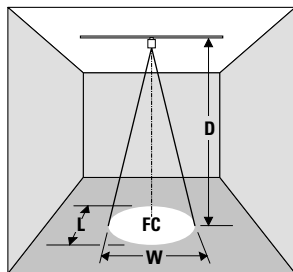
Lighting Data

Aiming Angle:

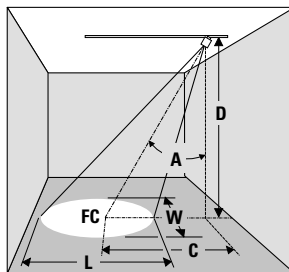
L Beam length
W Beam width
C Distance to center of beam
D Distance
A Aiming angle
FC Footcandles

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.

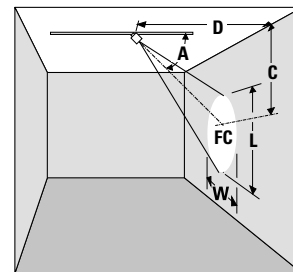
0°



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 AR70 SP (T-H) 10°		7000	2000
20W AR70 FL (T-H) 30°		1000	2000
50W AR70 SP (T-H) 10°		15000	2000
50W AR70 FL (T-H) 30°		2000	2000
50W AR70 SP GOLD (T-H) 10°		13500	2000
50W AR70 FL GOLD (T-H) 30°		1800	2000

0° AIMING ANGLE

D	FC	L	W
7'	143	1.2'	1.2'
10'	70	1.7'	1.7'
13'	41	2.3'	2.3'
16'	27	2.8'	2.8'
3'	111	1.6'	1.6'
5'	40	2.7'	2.7'
7'	20	3.8'	3.8'
9'	12	4.8'	4.8'
8'	234	1.4'	1.4'
12'	104	2.1'	2.1'
16'	59	2.8'	2.8'
20'	38	3.5'	3.5'
4'	125	2.1'	2.1'
6'	56	3.2'	3.2'
8'	31	4.3'	4.3'
10'	20	5.4'	5.4'
8'	211	1.4'	1.4'
12'	94	2.1'	2.1'
16'	53	2.8'	2.8'
20'	34	3.5'	3.5'
4'	113	2.1'	2.1'
6'	50	3.2'	3.2'
8'	28	4.3'	4.3'
10'	18	5.4'	5.4'

A=30° AIMING ANGLE

D	C	FC	L	W
6'	3.5'	126	1.4'	1.2'
9'	5.2'	56	2.1'	1.8'
12'	6.9'	32	2.8'	2.4'
15'	8.7'	20	3.5'	3.0'
3'	1.7'	72	2.2'	1.9'
5'	2.9'	26	3.7'	3.1'
7'	4.0'	13	5.1'	4.3'
9'	5.2'	8	6.6'	5.6'
7'	4.0'	199	1.6'	1.4'
10'	5.8'	97	2.3'	2.0'
13'	7.5'	58	3.0'	2.6'
16'	9.2'	38	3.7'	3.2'
3'	1.7'	144	2.2'	1.9'
5'	2.9'	52	3.7'	3.1'
7'	4.0'	27	5.1'	4.3'
9'	5.2'	16	6.6'	5.6'
7'	4.0'	179	1.6'	1.4'
10'	5.8'	88	2.3'	2.0'
13'	7.5'	52	3.0'	2.6'
16'	9.2'	34	3.7'	3.2'
3'	1.7'	130	2.2'	1.9'
5'	2.9'	47	3.7'	3.1'
7'	4.0'	25	5.1'	4.3'
9'	5.2'	18	6.6'	5.6'

A=45° AIMING ANGLE

D	C	FC	L	W
4'	4.0'	155	1.4'	1.0'
6'	6.0'	69	2.1'	1.5'
8'	8.0'	39	2.8'	2.0'
10'	10.0'	25	3.5'	2.5'
2'	2.0'	88	2.3'	1.5'
3'	3.0'	39	3.5'	2.3'
4'	4.0'	22	4.6'	3.0'
5'	5.0'	14	5.8'	3.8'
5'	5.0'	212	1.8'	1.2'
7'	7.0'	108	2.5'	1.7'
9'	9.0'	65	3.2'	2.2'
11'	11.0'	44	3.9'	2.7'
3'	3.0'	79	3.5'	2.3'
4'	4.0'	44	4.6'	3.0'
5'	5.0'	28	5.8'	3.8'
6'	6.0'	20	6.9'	4.5'
5'	5.0'	191	1.8'	1.2'
7'	7.0'	97	2.5'	1.7'
9'	9.0'	59	3.2'	2.2'
11'	11.0'	39	3.9'	2.7'
3'	3.0'	71	3.5'	2.3'
4'	4.0'	40	4.6'	3.0'
5'	5.0'	25	5.8'	3.8'
6'	6.0'	18	6.9'	4.5'

A=60° AIMING ANGLE

D	C	FC	L	W
2'	3.5'	219	1.4'	0.7'
3'	5.2'	97	2.1'	1.0'
4'	6.9'	55	2.9'	1.4'
5'	8.7'	35	3.6'	1.7'
1'	1.7'	125	2.7'	1.1'
2'	3.5'	31	5.5'	2.1'
3'	5.2'	14	8.2'	3.2'
4'	6.9'	8	10.9'	4.3'
3'	5.2'	208	2.1'	1.0'
4'	6.9'	117	2.9'	1.4'
5'	8.7'	75	3.6'	1.7'
6'	10.4'	52	4.3'	2.1'
1'	1.7'	250	2.7'	1.1'
2'	3.5'	63	5.5'	2.1'
3'	5.2'	28	8.2'	3.2'
4'	6.9'	16	10.9'	4.3'
3'	5.2'	188	2.1'	1.0'
4'	6.9'	105	2.9'	1.4'
5'	8.7'	68	3.6'	1.7'
6'	10.4'	47	4.3'	2.1'
1'	1.7'	225	2.7'	1.1'
2'	3.5'	56	5.5'	2.1'
3'	5.2'	25	8.2'	3.2'
4'	6.9'	14	10.9'	4.3'

Job Information

Type:

Lightolier a Genlyte Thomas Company

www.lightolier.com

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We reserve the right to change details of design, materials and finish.

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