

Ordering Information

Catalog No.	Finish	Lamp	Mounting	Reflectors (Sold Separately)
8114AL	Aluminum	39W T4.5 CMH (M130)	All Monopoint, Multipoint, recessed track, suspension track, suspension stems, sloped ceiling adapter, Basic, Advent and Radius Track systems only. Ceiling and horizontal or vertical wall mounted. Not compatible with ProSpec track system.	24MHT45RS Clear spot reflector 24MHT45RNF Clear narrow flood reflector 24MHT45RF Clear flood reflector 24MHT45RSCCZ Bronze spot reflector 24MHT45RNFCCZ Bronze narrow flood reflector 24MHT45RFC CZ Bronze flood reflector
8114BK	Black	G8.5 Bi-pin base		
8114WH	White	Not Included		

Features

- Track Attachment Fitting:** Molded polycarbonate. Integral color in gray, black or white. Rotates into track and locks into place with the use of push tabs.
- Push Tab:** Molded polycarbonate. Locks and detaches unit.
- Track Adaptor Housing:** Die-cast aluminum
- Movable Contact:** Solid Brass. Extends for connection to 2nd circuit in Advent track.
- Ground Contact :** Solid brass
- Pivot Mounts:** Allows for 350° horizontal and 0-90° vertical rotation with tensioned mounts for controlled aim.
- Ballast Housing:** Extruded housing with die-cast aluminum covers.
- Ballast:** High Power Factor metal halide electronic ballast. Thermally protected, 0.40 amps maximum input current, 45 watts input power.
- Lamp Housing:** 0.04" (1.02mm) aluminum
- Inner Housing:** 0.04" (1.02mm) aluminum. Black finish.
- Reflector Knobs:** Steel zinc-plated knurled knobs. Secured the reflector without tool.
- Lampholder:** Lock G8.5 base bi-pin, self centering lamp design. 5kV (750V) pulse rated porcelain body socket with nickel-plated contacts. 18 AWG teflon leads with fiberglass outer sleeve.
- Protective Glass:** 0.13" (3.18mm) tempered glass. Ultra-violet (UV) attenuation barrier.
- Housing Cover:** 0.04" (1.02mm) aluminum
- Cover Knobs:** Color steel knurled knobs. Finish matches luminaire color. Detaches housing cover without tool.

Accessories

- 8195:** Holds one accessory for 25 series (2 1/2" dia.)
- AF25 Series:** Diffusion/ Special Filters
- ADF25 Series:** Color Filters
- AL35HC:** Louver (Hex cell) black. Does not require 8195 accessory holder.
- AL35FR:** Softening lens does not require 8195 holder.

Finish

All painted finishes are baked powder or enamel.

Markings

cCSAus Listed, for dry locations only.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

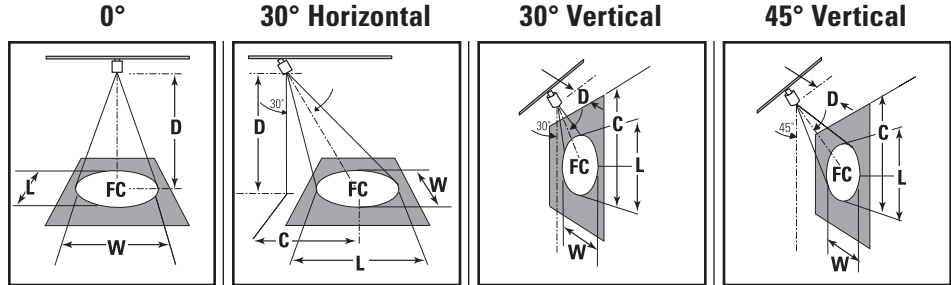
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 www.lightolier.com © 2009 Philips Group • B0109

Aiming Angle:

L Beam length
W Beam Width
C Distance to center beam
D Distance
A Aiming Angle
FC Footcandles

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

Lamp data shown is typical. Consult lamp manufacturers for availability and performance.
 CBCP = Center Beam Candle Power.



Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0°				30° Horizontal				30° Vertical				45° Vertical						
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
 24MHT45RS 39W T4, SPOT	9°	29706	10000	14	152	2.2	2.2	12	6.9	134	2.5	2.2	4	6.9	232	2.6	1.3	6	6.0	292	1.9	1.3
				16	116	2.5	2.5	14	8.1	98	2.9	2.5	5	8.7	149	3.2	1.6	7	7.0	214	2.2	1.6
				18	92	2.8	2.8	16	9.2	75	3.4	2.9	6	10.4	103	3.8	1.9	8	8.0	164	2.5	1.8
				20	74	3.1	3.1	18	10.4	60	3.8	3.3	7	12.1	76	4.5	2.2	9	9.0	130	2.9	2.0
 24MHT45RNF 39W T4, NFL	18°	10839	10000	8	169	2.5	2.5	8	4.6	110	3.4	2.9	3	5.2	151	4.1	1.9	3	3.0	426	1.9	1.3
				10	108	3.2	3.2	10	5.8	70	4.3	3.7	4	6.9	85	5.5	2.5	4	4.0	240	2.6	1.8
				12	75	3.8	3.8	12	6.9	49	5.1	4.4	5	8.7	54	6.9	3.2	5	5.0	153	3.2	2.2
				14	55	4.4	4.4	14	8.1	36	6.0	5.1	6	10.4	38	8.2	3.8	6	6.0	106	3.9	2.7
 24MHT45RF 39W T4, FL	38°	3639	10000	6	101	4.1	4.1	6	3.5	66	5.7	4.8	2	3.5	114	8.6	2.8	3	3.0	143	4.7	2.9
				7	74	4.8	4.8	7	4.0	48	6.7	5.6	3	5.2	51	12.8	4.1	4	4.0	80	6.3	3.9
				8	57	5.5	5.5	8	4.6	37	7.6	6.4	4	6.9	28	17.1	5.5	5	5.0	51	7.8	4.9
				9	45	6.2	6.2	9	5.2	29	8.6	7.2	5	8.7	18	21.4	6.9	6	6.0	36	9.4	5.8

Note: For Champagne Bronze (CCZ), multiply FC values by 0.64. CCZ Champagne Bronze reflector "warms" the beam to 2700K.

Job Information	Type:
------------------------	--------------

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 www.lightolier.com © 2009 Philips Group • B0109