

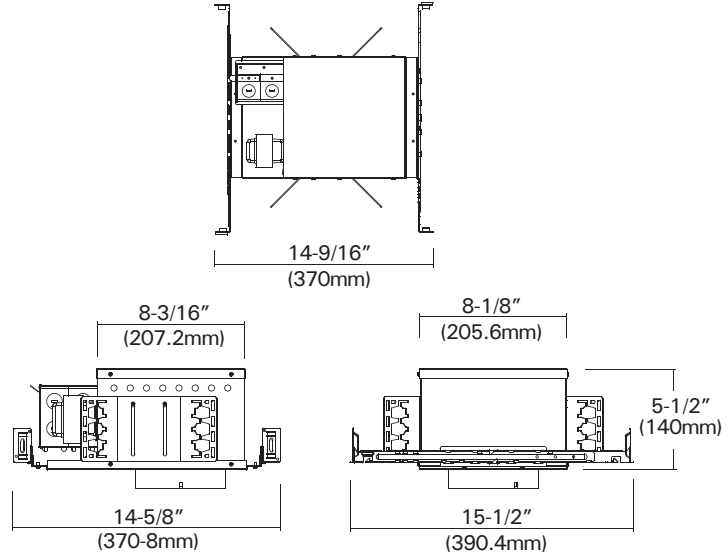
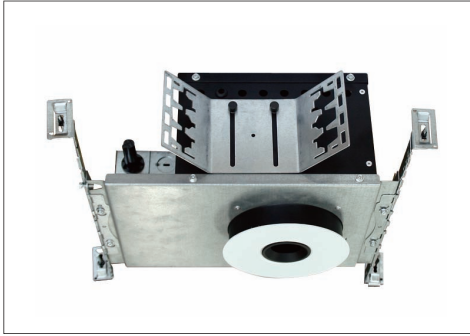
# DLH-8541/DLH-8541MH

## 4" Adjustable Round Aperture Housing For

12V Max.75W MR16 and Max.39W MR16 CMH Lamps

Catalog #		Type
Project		Date
Prepared by		

**HALOGEN**



### DESIGN FEATURES

Ceiling Cut-out : 5-1/16"  
Lamp, Max, Watt. : 75W MR16 / 39W MR16 CMH

#### ◦ Housing

- Single wall steel housing with black powder coated.
- 5-1/2" height allows use in 2" x 6" joist construction.
- Housing adjusts for ceilings up to 1" thick.

#### ◦ Transformer

- -M50 : 50W Magnetic Transformer
- -M75 : 75W Magnetic Transformer
- -E75 : 75W or 50W Electronic
- -E20MH : 20W MH Electronic Ballast
- -E39MH : 39W MH Electronic Ballast

#### ◦ Junction Box

- Listed for through branch circuit wiring.(Max.8 No 12 AWG 90°C branch circuit conductors. (4 in, 4 out)
- (5)1/2" knockouts with true pry-out slots and (4) knockouts with Romex cable clamp.
- Ground wire provided on J-box.

#### ◦ Mounting Channel Bracket

- Commercial mounting kit provided up to 5" vertical adjustment, which accommodates 1/2" EMT conduit, optional HB-24 or HBC-24 bar hanger or lathing channels for T-bar grid or concealed spline ceiling.

#### ◦ Socket

- GU5.3 Bi-pin lampholder for 12V/MR16
- GX10 lampholder for MR16 CMH

#### ◦ Reflector

- Spun polished reflector, and available in haze clear, black, and gold, champagne or painted gloss white and black finish.
- Flange : Self-flanged, or die casting flange with painted white or clear chrome finish.

#### ◦ Listing

- cCSA-us Certified

### Ordering Information

Housing	Transformer / Ballast	Voltage	TRIM MODEL	REFLECTOR	TRIM RING
<input type="text"/>	<input type="text"/>	<input type="text"/>		CL :Clear WH :White GD :Gold HC :Haze Clear	WH :White BK :Black CH :Chrome SN :Satin Nickel UN :Natural Steel MO :Mocha PB :Polished Brass
DLH-8541	-M50 : 50W Magnetic -M75 : 75W Magnetic -E50 : 50W Electronic -E75 : 75W Electronic	-E20MH : 20W HID Electronic -E39MH : 39W HID Electronic -Blank : 120V -27 : 277V			

Example : DLH-8541-M50

Example : TMH-424R-ST-HC-WH

# Trims & Photometric Report

## DLH-8541

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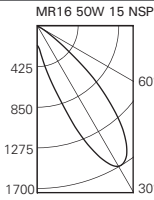
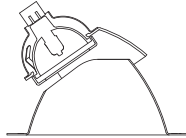
**HALOGEN**

### TMH-4252R-AJ

- Reflector Wall Washer**  
 - 30° Angle aiming for Vertical & Horizontal surface  
 - Beam Spread : NSP-15°  
                   NFL-25°  
                   FLD-40°



**AT-425R-AJ**

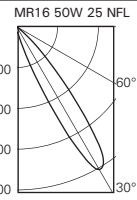


30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	73	2.4'	2.1'
8'	4.6'	41	3.2'	2.8'
10'	5.8'	26	4.0'	3.5'
12'	6.9'	18	4.8'	4.1'
15'	8.7'	12	6.0'	5.2'

30° Aiming Angle-Vertical Surface

D	C	FC	L	W
2'	3.5'	171	2.6'	1.2'
3'	5.2'	78	3.8'	1.8'
4'	6.9'	44	5.1'	2.4'
6'	10.4'	20	7.7'	3.6'
8'	13.9'	11	10.3'	4.8'

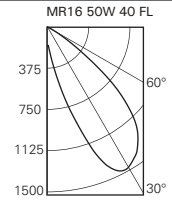


30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	32	4.2'	3.6'
8'	4.6'	18	5.6'	4.8'
10'	5.8'	11	7.1'	6.0'
12'	6.9'	8	8.5'	7.2'
15'	8.7'	5	10.6'	9.0'

30° Aiming Angle-Vertical Surface

D	C	FC	L	W
2'	3.5'	100	5.2'	2.1'
3'	5.2'	44	7.8'	3.1'
4'	6.9'	25	10.4'	4.1'
6'	10.4'	11	15.5'	6.2'
8'	13.9'	6	20.7'	8.3'



30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	30	5.2'	4.4'
8'	4.6'	17	7.0'	5.8'
10'	5.8'	11	8.7'	7.3'
12'	6.9'	7	10.4'	8.7'
15'	8.7'	4	13.0'	10.9'

30° Aiming Angle-Vertical Surface

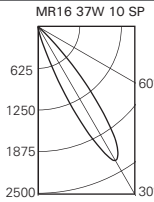
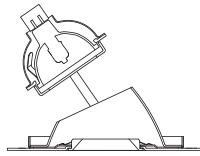
D	C	FC	L	W
2'	3.5'	100	7.2'	2.5'
3'	5.2'	45	10.8'	3.8'
4'	6.9'	25	14.4'	5.0'
6'	10.4'	11	21.6'	7.6'
8'	13.9'	6	28.8'	10.1'

### TMH-434P-AJ

- Reflector w/ Black or White pin-hole aperture**  
 - 30° Angle aiming for Vertical & Horizontal surface  
 - Beam Spread : SP-10°  
                   NFL-25°



**AT-434P-AJ**

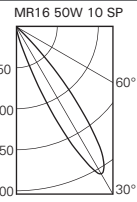


30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	42	2.6'	2.2'
8'	4.6'	24	3.4'	2.9'
10'	5.8'	15	4.3'	3.7'
12'	6.9'	10	5.1'	4.4'
15'	8.7'	7	6.4'	5.5'

30° Aiming Angle-Vertical Surface

D	C	FC	L	W
2'	3.5'	98	2.7'	1.3'
3'	5.2'	45	4.1'	1.9'
4'	6.9'	25	5.5'	2.5'
6'	10.4'	11	8.2'	3.8'
8'	13.9'	6	11.0'	5.1'

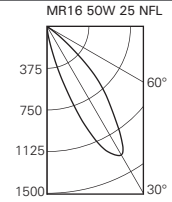


30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	56	2.6'	2.2'
8'	4.6'	32	3.4'	2.9'
10'	5.8'	20	4.3'	3.7'
12'	6.9'	14	5.1'	4.4'
15'	8.7'	9	6.4'	5.5'

30° Aiming Angle-Vertical Surface

D	C	FC	L	W
2'	3.5'	131	2.7'	1.3'
3'	5.2'	60	4.1'	1.9'
4'	6.9'	34	5.5'	2.5'
6'	10.4'	15	8.2'	3.8'
8'	13.9'	9	11.0'	5.1'



30° Aiming Angle-Horizontal Surface

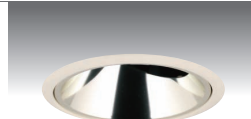
D	C	FC	L	W
6'	3.5'	25	3.1'	2.7'
8'	4.6'	14	4.2'	3.6'
10'	5.8'	9	5.2'	4.5'
12'	6.9'	6	6.3'	5.4'
15'	8.7'	4	7.9'	6.7'

30° Aiming Angle-Vertical Surface

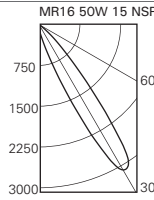
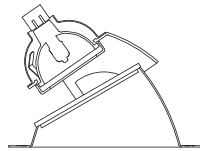
D	C	FC	L	W
2'	3.5'	62	3.5'	1.6'
3'	5.2'	28	5.3'	2.3'
4'	6.9'	16	7.0'	3.1'
6'	10.4'	7	10.5'	4.7'
8'	13.9'	4	14.0'	6.2'

### TMH-425RG-AJ

- Shower Lens for wet location**  
 - 30° Angle aiming wall wash reflector for Vertical & Horizontal surface  
 - Beam Spread : NSP-15°  
                   NFL-25°  
                   FLD-40°



**AT-425RG-AJ**

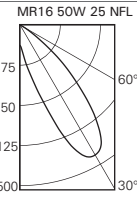


30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	55	2.3'	1.9'
8'	4.6'	31	3.0'	2.6'
10'	5.8'	20	3.8'	3.2'
12'	6.9'	14	4.5'	3.9'
15'	8.7'	9	5.7'	4.9'

30° Aiming Angle-Vertical Surface

D	C	FC	L	W
2'	3.5'	130	2.4'	1.1'
3'	5.2'	60	3.6'	1.7'
4'	6.9'	34	4.8'	2.2'
6'	10.4'	15	7.2'	3.4'
8'	13.9'	8	9.6'	4.5'

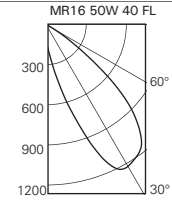


30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	27	4.2'	3.6'
8'	4.6'	15	5.6'	4.8'
10'	5.8'	10	7.1'	6.0'
12'	6.9'	7	8.5'	7.2'
15'	8.7'	4	10.6'	9.0'

30° Aiming Angle-Vertical Surface

D	C	FC	L	W
2'	3.5'	76	5.2'	2.1'
3'	5.2'	34	7.8'	3.1'
4'	6.9'	19	10.4'	4.1'
6'	10.4'	8	15.5'	6.2'
8'	13.9'	5	20.7'	8.3'



30° Aiming Angle-Horizontal Surface

D	C	FC	L	W
6'	3.5'	24	5.2'	4.4'
8'	4.6'	14	7.0'	5.8'
10'	5.8'	9	8.7'	7.3'
12'	6.9'	6	10.4'	8.7'
15'	8.7'	4	13.0'	10.9'

30° Aiming Angle-Vertical Surface

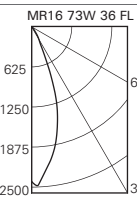
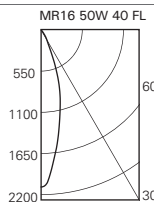
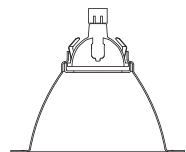
D	C	FC	L	W
2'	3.5'	87	7.2'	2.5'
3'	5.2'	39	10.8'	3.8'
4'	6.9'	22	14.4'	5.0'
6'	10.4'	10	21.6'	7.6'
8'	13.9'	5	28.8'	10.1'

### TMH-424R-ST

- Straight Reflector Cone**  
 - 30° Angle aiming for Vertical & Horizontal surface  
 - Beam Spread : FLD-40°



**AT-424R-ST**



° Lens

- Soft focus lens standard