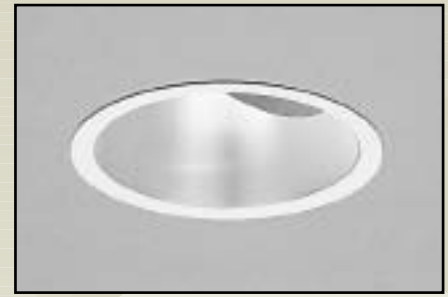


# OM6100PAR38MHSLOPE

## 6" PAR Sloped Ceiling Downlights

CAT. NO:

TYPE: PROJECT:



### PRODUCT INFORMATION

#### Applications

Recessed 30° slope downlight well suited for general or accent lighting in sloped ceiling applications, auditoriums, schools, churches, restaurants, hotels and offices. Low brightness reflector matches all other 6" aperture downlights from Omega.

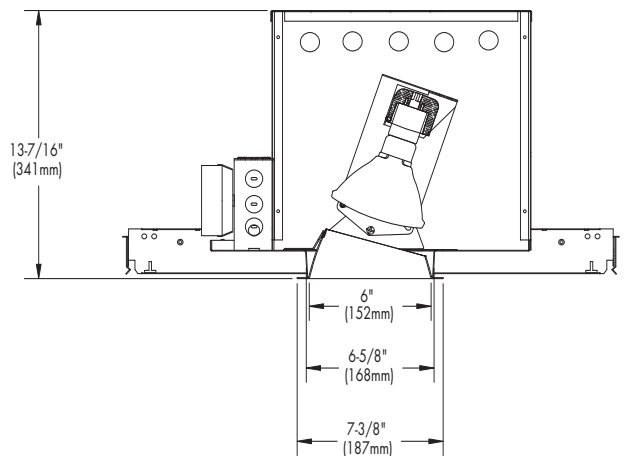
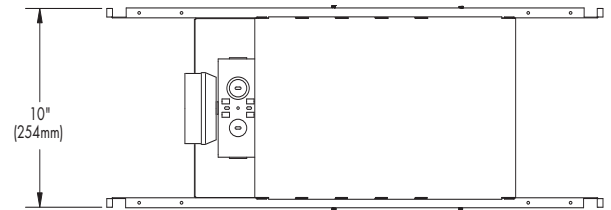
#### Specifications

- Mounting pan** - Precision die-formed 20 gauge galvanized bonderized steel mounting pan. Matte black finish.
- Housing** - 20 gauge steel housing matte black finish. Riveted side panels for a durable construction.
- Insight Aiming™** - Pendulum provides accurate aiming of the optical assembly for precise beam control. When the the crosshairs(+) are centered in the sight (o), the optical is perfectly vertical. Patent Pending. Two thumb screws provide redundant tilt locking.
- Ballast** - Totally enclosed, High Power Factor, with <10% THD electronic ballast with internal ignitor, thermally protected. Ballast requires a minimum starting temperature of -15°F. Dual voltage ballast is 120V 60HZ or 277V 60HZ with a sound rating of "A" for indoor applications. Ballast has a "turn-off" function for increased reliability and safety. Total wattage including ballast is 113W for 120V and 117W for 277V.
- Installation** - Housing has pre-installed C-channel with vertical and horizontal adjustments. Junction box and mounting brackets are accessible from below ceiling.
- Trim** - Mechanically fastened (patent pending), precision spun .051 aluminum, self flanged with clear specular Alzak finish. Standard is flat flange painted white. Optional polished flange matching finish available, add FF to catalog number.
- Baffle** - Precision machined .051 aluminum with deep grooves to eliminate aperture glare, anodized matte black or matte white finish. Standard flat flange is painted white. Optional black flange with black baffle available, add FF to catalog number.
- Socket** - Medium base 4 K.V. pulse rated porcelain socket with nickel plated copper screw shell and 200°C wire.
- Junction box** - Extra large 43.75-cubic inch 16 gauge galvanized steel with snap-on covers. Approved for through wiring with up to 8 #12 AWG conductors.
- Relamping** - Top and bottom relampable.
- Thermal Protection** - A thermal protection device which meets all U.L. and NEC requirements is standard.
- U.L. Listed** - For use in damp locations and approved for Through Branch Circuit Wiring. I.B.E.W. union made.

☛ Canadian Specifications may vary from these shown, consult Canadian Division.



PATENT PENDING



C-Channel not included.

6

### CATALOG SYSTEM AND OPTIONS

EXAMPLE OF COMPLETE CATALOG NUMBER: **OM6100PAR38MHSLOPE-CS-U**

OMEGA Aprt.	Lamp (by others)	Lamp Type	Product Family	Reflector Option	Reflector Finish*	Frame Options	Supply Voltage
OM6	150 PAR38 100 PAR38 70 PAR38 70 PAR30 39 PAR30 39 PAR20	MH Metal Halide	SLOPE 0°- 30° locking tilt	BB Black Baffle	CS Clear Specular CSS Clear Semi-Specular HZ Haze GS Champagne Gold Specular WT Wheat PW Pewter FF Finish Flange (As suffix to color)	FZ120 Fusing FZ277 Fusing FB Flat Bar Hangers	U 120/277 Electronic



FIVE YEAR  
Warranty

\*Consult factory for other reflector finishes.

**PHOTOMETRICS**

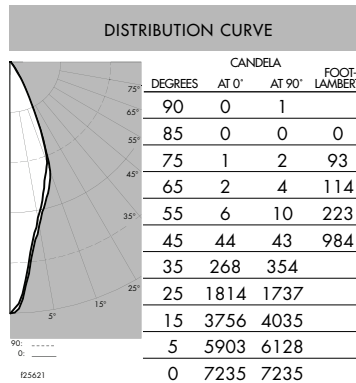
**OM6250PAR38SLOPES**

Photometric Data

**Clear Specular Reflector**

Report Number: 25261  
 Lamp: 250WQTZ  
 Total Lumens: 2579  
 Fixture Efficiency: = 71.6%  
 IES File: F25621.IES  
 S/MH Ratio = 0.5, 0.5  
 Beam Angle: 33.30

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	239.2	3 - 3
10	128.6	4 - 6
12	80.2	5 - 8
14	54.7	6 - 11
16	39.7	8 - 1



COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
0	84	84	82	82	80	80
1	80	79	79	77	76	75
2	76	72	75	71	71	70
3	71	68	70	68	68	67
4	68	65	68	65	66	63
5	65	61	64	60	63	59
6	61	58	61	57	60	57
7	58	56	58	56	57	55
8	56	53	56	53	56	53
9	55	51	54	51	54	51
10	52	48	52	48	52	48

6

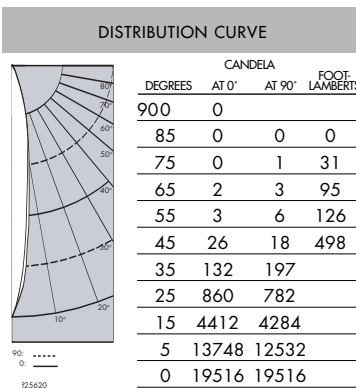
**OM6250PAR38SLOPES**

Photometric Data

**Clear Specular Reflector**

Report Number: 25261  
 Lamp: 250WQTZ  
 Total Lumens: 2579  
 Fixture Efficiency: = 71.6%  
 IES File: F25621.IES  
 S/MH Ratio = 0.5, 0.5  
 Beam Angle: 33.30

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	645.2	1 - 5
10	347.0	1 - 11
12	216.2	2 - 6
14	147.6	2 - 12
16	107.1	3 - 6



COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
0	86	86	84	84	81	81
1	82	81	81	80	79	78
2	79	77	78	76	76	73
3	76	73	75	72	72	71
4	72	70	72	69	70	68
5	70	68	69	68	68	67
6	68	66	68	65	67	65
7	67	64	66	63	65	63
8	65	61	64	61	64	60
9	63	59	63	59	61	59
10	60	57	60	57	60	57

Additional photometric test files are available @ [omegalighting.com](http://omegalighting.com)



**OMEGA LIGHTING:**  
 776 South Green St., Tupelo, MS 38804  
 Phone 662.842.7212 FAX 662.841.5501

**CANADIAN DIVISION:**  
 189 Bullock Drive, Markham, Ontario, Canada L3P 1W4  
 Phone 905.294.9570 FAX 800.268.0003