

FEATURES

OPTICAL SYSTEM

- Reflector- Self-flanged, specular or semi-diffuse reflector. Bounding Ray™ Optical Principle design provides lamp before lamp image and smooth transition from top of reflector to bottom.
- Patent-pending integrated snoot and optical system minimizes lamp striations normally associated with PAR lamps and creates visually pleasing scallops on vertical surfaces.

MECHANICAL SYSTEM

- 16-gauge galvanized steel mounting/plaster frame. Adjustable yoke and tempered steel flat spring utilized to retain optical system. Accommodates up to 1-5/8" thick ceiling with no modifications.
- 16-gauge galvanized steel mounting bars provide continuous vertical and horizontal adjustment and are held in place with tool-less, cam-action, locking brackets. Post installation adjustment possible from above or below the ceiling. Shipped pre-installed.
- 16-gauge galvanized steel junction box with hinged access covers. Two combination 1/2-3/4" and four 1/2" knock-outs for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90°C.

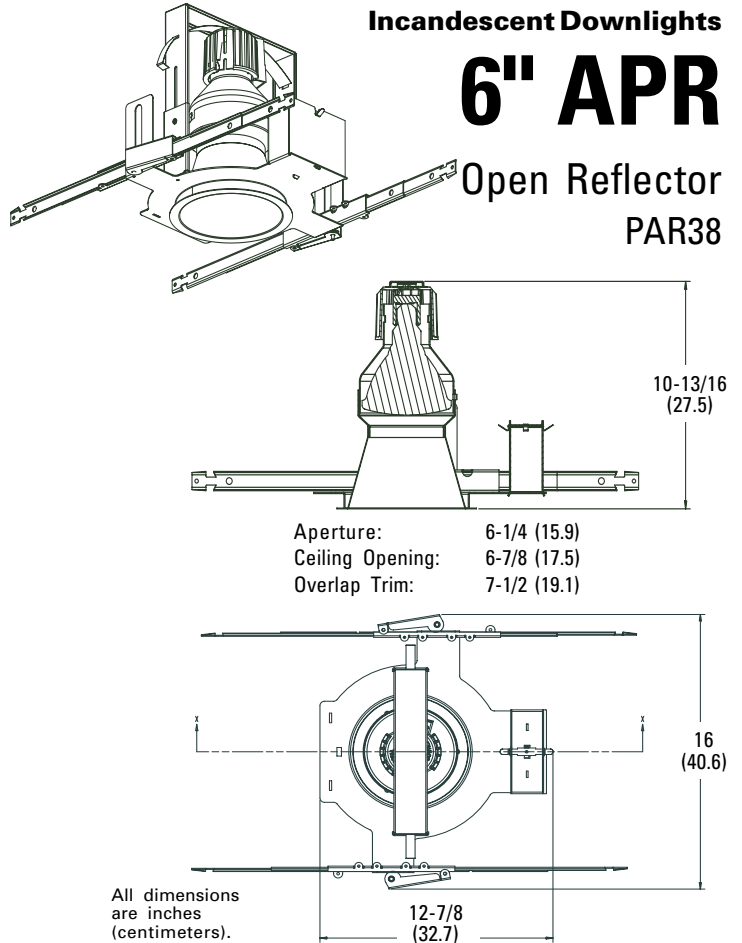
ELECTRICAL SYSTEM

- Die-cast aluminum lampholder housing.
- Medium base porcelain socket with nickel-plated screw shell.
- Thermally-activated insulation detector.

LISTING

- Fixtures are UL Listed for thru-branch wiring, non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

Type Catalog number



ORDERING INFORMATION

Example: **APR PAR38 6AR**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

APR	PAR38	Aperture/Trim color		Finish	Options
Series	Lamp designation				
APR	PAR38 PAR38 (250W Max.)			(blank) Specular LD Semi-diffuse	
		6AR Clear			TRW White painted flange.
		6BR Black			LRC¹ Provides compatibility with Lithonia Reloc® System. Lithonia Reloc System can be installed less this option with connectors provided by others. Access above ceiling required.
		6PR Pewter			CP Chicago Plenum.
		6WTR Wheat			SDT 277V to 120V stepdown transformer.
		6UBR Umber			SDT347 347 to 120V stepdown transformer (75W Max.).
		6GR Gold			GSKT Foam gasketing.
		6CR Champagne gold			

Accessories

SC6FL Sloped Ceiling adaptor. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SC6FL 10D.

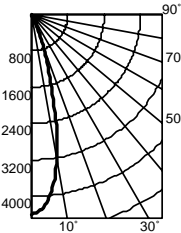
NOTE

1 For compatible Reloc systems, refer to Technical Bulletins tab.

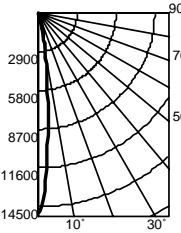
6" APR Open Reflector

Distribution curve Distribution data Output data Coefficient of utilization Single luminaire data 30" above floor

APR 6AR, 100W PAR38/HAL/FL lamp, 0.4 spacing criteria, 1500 rated lumens, test no. It112845

Distribution curve	Distribution data		Output data		Coefficient of utilization						Single luminaire data 30" above floor						
	cp	Lumens	Zone	Lumens % Lamp	pf	20%						50% beam - 25.9' 10% beam - 43.8'					
						80%	70%		50%		Mounting Height	Initial FC		Diameter		FC	
					pc	50%	30%	50%	30%	50%		30%	8	Beam	Diameter	FC	Diameter
	0°	4391	0° - 30°	1011 67.4	0	83	83	81	81	78	78	10	78.1	3.5	39.0	6.0	7.8
	5°	4100 363	0° - 40°	1040 69.3	1	79	78	77	76	75	74	12	48.7	4.4	24.3	7.6	4.9
	15°	1800 491	0° - 60°	1046 69.8	2	75	73	74	72	72	70	14	33.2	5.3	16.6	9.2	3.3
	25°	315 157	0° - 90°	1047 69.8	3	72	70	71	69	69	68	16	24.1	6.2	12.1	10.9	2.4
	35°	39 28	90° - 180°	0 0.0	4	69	67	69	66	67	65						
	45°	8 6	0° - 180°	1047 *69.8	5	67	64	66	64	65	63						
	55°	0 1	*Total Efficiency		6	65	62	64	61	63	61						
	65°	1 0			7	63	60	62	59	61	59						
	75°	0 0			8	61	58	60	58	60	57						
	85°	0 0			9	59	56	59	56	58	56						
	90°	0 0			10	57	55	57	54	57	54						

APR 6AR, 100W PAR38/HAL/SPL/SP9 lamp, 0.2 spacing criteria, 1500 rated lumens, test no. It112846

Distribution curve	Distribution data		Output data		Coefficient of utilization						Single luminaire data 30" above floor						
	cp	Lumens	Zone	Lumens % Lamp	pf	20%						50% beam - 10.9' 10% beam - 26.2'					
						80%	70%		50%		Mounting Height	Initial FC		Diameter		FC	
					pc	50%	30%	50%	30%	50%		30%	8	Beam	Diameter	FC	Diameter
	0°	14923	0° - 30°	1062 70.8	0	87	87	85	85	81	81	10	265.3	1.4	132.6	3.5	26.5
	5°	8275 607	0° - 40°	1083 72.2	1	83	82	81	80	79	78	12	165.4	1.8	82.6	4.4	16.5
	15°	1185 345	0° - 60°	1092 72.8	2	80	78	78	77	76	75	14	112.8	2.2	56.4	5.3	11.3
	25°	233 110	0° - 90°	1096 73.1	3	77	75	76	74	74	73	16	81.9	2.6	40.9	6.3	8.2
	35°	25 21	90° - 180°	0 0.0	4	75	72	74	72	72	70						
	45°	12 8	0° - 180°	1096 *73.1	5	72	70	72	69	71	69						
	55°	0 1	*Total Efficiency		6	71	68	70	68	69	67						
	65°	0 1			7	69	66	69	66	68	66						
	75°	1 2			8	67	65	67	65	67	64						
	85°	1 1			9	66	64	66	63	65	63						
	90°	0 0			10	65	62	65	62	64	62						

NOTE

Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.

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