

FEATURES

OPTICAL SYSTEM

- Three preset distribution patterns allow designers to achieve various design objectives.
- Reflector - Clear anodized upper reflector and self-flanged finishing trim provide 50° cut-off, optimal efficiency and glare control while maintaining a smooth beam pattern that is free of hot spots and striations.
- Protective lamp guard utilizes clear ceramic technology that reduces UV emissions and provides higher heat tolerance and better protection than standard borosilicate lenses.

HOUSING

- Heavy gauge, rolled and welded aluminum housing with no visible seam. Matte white textured polyester powder paint finish standard.
- Reveal on standard ceiling and optional pendant mount provides floating luminaire appearance. Provided with safety chain between reveal and housing on ceiling and pendant units for hands free wiring connections.

MOUNTING

- Standard ceiling mount provided with mounting pattern for direct installation to 4" square or octagonal junction box.
- Optional wall mount must be anchored to structural support. See bracket dimensions to determine size and construction required.
- Optional pendant mounting entry provided for 3/8" National Pipe Thread stem. Swivel mounting accessories available (see accessories).

ELECTRICAL SYSTEM

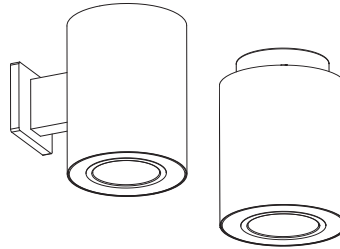
- Extruded aluminum lampholder housing designed for effective heat dissipation and positive light center positioning.
- Heavy-duty mini-can socket for T4 lamp.

LISTING

- Fixtures are UL Listed for damp locations. Listed and labeled to comply with Canadian Standards.

Type

Catalog number

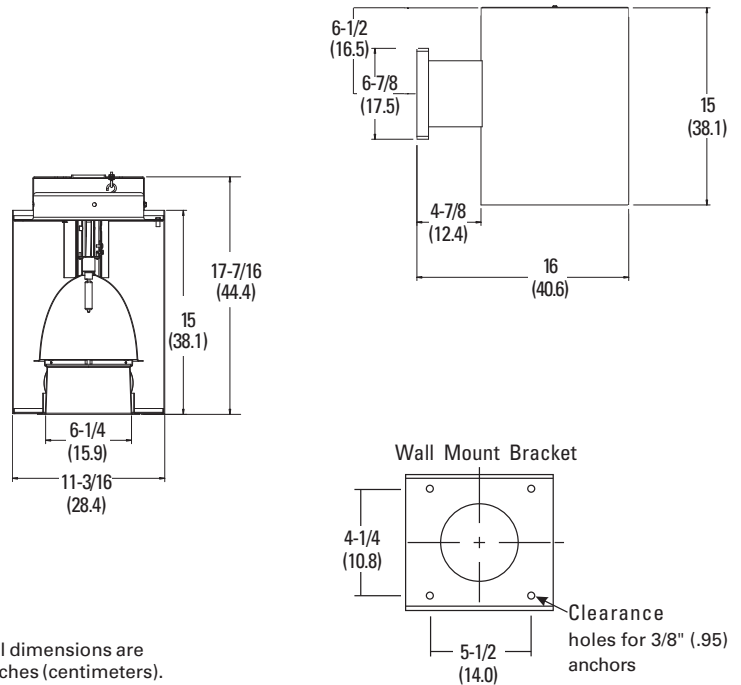


Incandescent Cylinders

11" CQ

Open Cylinders

Quartz Halogen T4 Lamp



All dimensions are inches (centimeters).

Aperture: 7-7/8 (20)
Ceiling Opening: 8-7/8 (22.5)
Overlap Trim: 9-1/4 (23.5)

ORDERING INFORMATION

Example: **CQ11 500 N 6AR DWHG**

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).

CQ11		Distribution		Aperture/Trim color		Finish		Options		Housing Colors	
Series	Lamp Wattage¹	N Narrow	M Medium	6AR Clear	6BR² Black	(blank) Semi-specular	LD Matte-diffuse	WLP Lamp (shipped separately)	Mounting		
CQ11	150 250 400 500	W Wide		6PR Pewter	6UBR Umber	LS Specular		(blank) Surface mount			
				6WTR Wheat	6GR Gold			PM³ Pendant 3/8" thread mount	DWHG Matte white (standard)	DDB Dark bronze	DBL Black
				6WB² White baffle	6MB² Black baffle			WM Wall mount	DNA Natural aluminium	DWH Gloss white	DTG Tennis green
								ACC⁴ Aircraft cable and cord	DGC Charcoal gray	DSS Sandstone	DMB Medium bronze
									DBR Bright red	DSB Steel blue	

NOTES

- 1 Recommended for use with frosted lamps.
- 2 Not available with finishes.
- 3 3/8" thread mount, stem not included.
- 4 Provided with 10' aircraft cable and black cord. Consult factory for additional lengths.
- 5 For use with pendant mount (PM) units. Length of stem must be specified (from 6" to 48" in 2" even increments). EX: CYS06 DWHG. Consult factory for exterior use.

Accessories

Order as separate catalog numbers

- CYS⁵** 3/8" stem and canopy with 5° "hang straight" swivel
CRS⁵ 3/8" stem and canopy with 45° swivel

11" CQ Open Reflector Cylinder

Distribution curve Distribution data Output data Coefficient of utilization Illuminance Data at 30" Above Floor for a Single Luminaire

CQ11 500 N 6AR "NARROW", (1) 500Q EYX lamp, 10100 rated lumens, 0.4 s/mh, Test no. LTL13662

From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of utilization						Illuminance Data at 30" Above Floor for a Single Luminaire								
							80%		20%		50%		Initial fc	50% beam angle	10% beam angle	Mount height	at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
							50%	30%	50%	30%	50%	30%									
0	17328		0° - 30°	5784.2	57.3	pc															
5	11966	1061	0° - 40°	6471.5	64.1	pw	.72	.71	.71	.69	.68	.67	8	572.8	1.9	286.5	6.8	57.3			
15	7261	2094	0° - 60°	6498.4	64.3	1	.68	.65	.67	.65	.65	.63	2	.68	.65	.67	.65	.65	.63		
25	5916	2629	0° - 90°	6504.9	64.4	3	.64	.61	.63	.60	.61	.59	3	.64	.61	.63	.60	.61	.59		
35	774	687	90° - 180°	0.0	0.0	4	.60	.57	.60	.57	.58	.56	4	.60	.57	.60	.57	.58	.56		
45	24	20	0° - 180°	6504.9	*64.4	5	.57	.54	.57	.54	.56	.53	5	.57	.54	.57	.54	.56	.53		
55	8	7				6	.54	.51	.54	.51	.53	.50	6	.54	.51	.54	.51	.53	.50		
65	3	4				7	.52	.48	.51	.48	.50	.48	7	.52	.48	.51	.48	.50	.48		
75	1	2				8	.49	.46	.49	.46	.48	.45	8	.49	.46	.49	.46	.48	.45		
85	2	1				9	.47	.44	.47	.43	.46	.43	9	.47	.44	.47	.43	.46	.43		
90	0					10	.45	.42	.45	.41	.44	.41	10	.45	.42	.45	.41	.44	.41		

CQ11 500 M 6AR "MEDIUM", (1) 500Q EYX lamp, 10100 rated lumens, 0.8 s/mh, Test no. LTL13661

From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of utilization						Illuminance Data at 30" Above Floor for a Single Luminaire								
							80%		20%		50%		Initial fc	50% beam angle	10% beam angle	Mount height	at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
							50%	30%	50%	30%	50%	30%									
0	10530		0° - 30°	5526.4	54.7	pc															
5	9137	848	0° - 40°	6440.2	63.8	pw	.71	.70	.70	.69	.68	.66	8	348.1	4.2	174.0	7.2	34.8			
15	6878	1980	0° - 60°	6471.3	64.1	1	.67	.65	.66	.64	.64	.62	2	.67	.65	.66	.64	.64	.62		
25	6052	2698	0° - 90°	6476.7	64.1	3	.63	.60	.62	.60	.61	.58	3	.63	.60	.62	.60	.61	.58		
35	922	914	90° - 180°	0.0	0.0	4	.59	.56	.59	.56	.57	.55	4	.59	.56	.59	.56	.57	.55		
45	28	22	0° - 180°	6476.7	*64.1	5	.56	.53	.56	.52	.54	.52	5	.56	.53	.56	.52	.54	.52		
55	10	9				6	.53	.50	.53	.49	.52	.49	6	.53	.50	.53	.49	.52	.49		
65	3	3				7	.50	.47	.50	.47	.49	.46	7	.50	.47	.50	.47	.49	.46		
75	1	1				8	.48	.44	.47	.44	.47	.44	8	.48	.44	.47	.44	.47	.44		
85	1	1				9	.45	.42	.45	.42	.44	.41	9	.45	.42	.45	.42	.44	.41		
90	0					10	.43	.40	.43	.40	.42	.39	10	.43	.40	.43	.40	.42	.39		

CQ11 500 W 6AR "WIDE", (1) 500Q EYX lamp, 10100 rated lumens, 1.1 s/mh, Test no. LTL13660

From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of utilization						Illuminance Data at 30" Above Floor for a Single Luminaire								
							80%		20%		50%		Initial fc	50% beam angle	10% beam angle	Mount height	at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
							50%	30%	50%	30%	50%	30%									
0	7701		0° - 30°	5270.8	52.2	pc															
5	6970	684	0° - 40°	6391.9	63.3	pw	.71	.69	.69	.68	.67	.66	8	254.6	5.8	127.3	7.6	25.5			
15	6440	1853	0° - 60°	6429.0	63.7	1	.66	.64	.65	.63	.63	.61	2	.66	.64	.65	.63	.63	.61		
25	6138	2734	0° - 90°	6435.9	63.7	3	.62	.59	.61	.59	.60	.57	3	.62	.59	.61	.59	.60	.57		
35	1188	1121	90° - 180°	0.0	0.0	4	.58	.55	.58	.55	.56	.54	4	.58	.55	.58	.55	.56	.54		
45	31	27	0° - 180°	6435.9	*63.7	5	.55	.51	.54	.51	.53	.50	5	.55	.51	.54	.51	.53	.50		
55	11	10				6	.52	.48	.51	.48	.50	.47	6	.52	.48	.51	.48	.50	.47		
65	4	4				7	.49	.45	.49	.45	.48	.45	7	.49	.45	.49	.45	.48	.45		
75	2	2				8	.46	.43	.46	.42	.45	.42	8	.46	.43	.46	.42	.45	.42		
85	1	1				9	.44	.40	.43	.40	.43	.40	9	.44	.40	.43	.40	.43	.40		
90	0					10	.42	.38	.41	.38	.41	.38	10	.42	.38	.41	.38	.41	.38		

NOTES:

1. 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.
2. Consult factory of IES file for other photometric reports.

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