

DESCRIPTION

Low brightness 6" aperture downlight for use with 18W Quad tube 4-pin lamp for below ceiling installation. The precisely formed non-imaging reflector ensures 45° cutoff to lamp and lamp image and the one piece design eliminates light leaks at the ceiling. Standard features include low iridescent finish on all reflector colors to eliminate "rainbowing" and venting to ensure maximum lamp life and lumen output. Optics offer unparalleled performance in glare free lighting with a smooth beam devoid of hot spots. Open downlight and open wall wash trims are interchangeable within the same housing.

PORTFOLIO™

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Reflector

.050 thick aluminum, in a one piece spun macrofocal parabolic contour. Available in a variety of Alzak® finishes. Also available with White or Black Baffle. Positive reflector mounting pulls trim tight to ceiling.

Trim Ring Options

Self flanged or molded white trim ring. Rimless or metal trim ring accessories available.

Socket Connector

One piece vented and finned die cast aluminum cap for maximum thermal performance.

Housing Construction

Galvanized steel plaster ring accommodates up to 1" ceiling thickness.

Conduit Fittings

Die cast screw tight connectors.

Socket

4-pin G24q2 base with fatigue free stainless steel lamp spring ensures positive lamp retention.

Electronic Ballast

Electronic ballast provides full light output and rated lamp life. Provides flicker free and noise free operation and starting. End of lamp life protection is standard.

Labels

cULus listed, C.S.A. certified, standard damp label, IBEW union made.



C6RV018
C6IV018

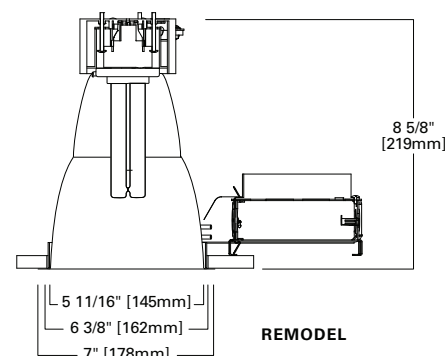
6000/6001

18W DTT

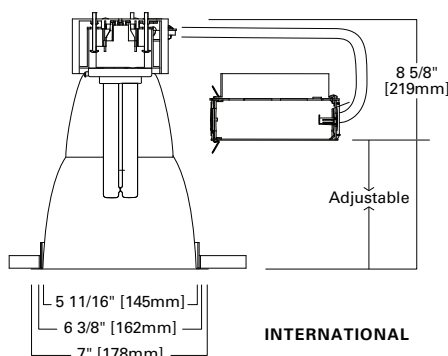
Compact Fluorescent

6-Inch

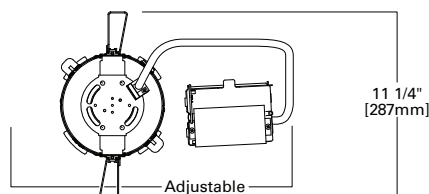
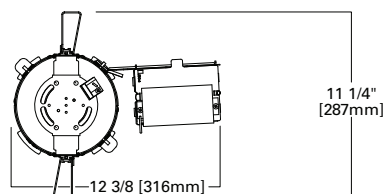
Remodel/International
Vertical Open Downlight



REMODEL



INTERNATIONAL



Energy Data

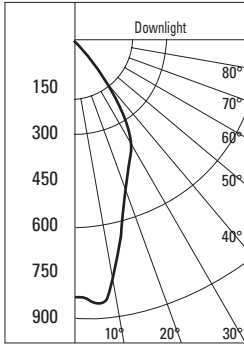
Sound Rating: Class A standards	
18W Triple 4-pin	
Ballast: Electronic	
Min. Starting Temperature: -10°C (15°F)	
120V Input Watts: 29	Line Amps: 0.25
277V Input Watts: 26	Line Amps: 0.09
Power Factor: >0.99	THD: <90%

Example:

C6RV018ECP 6000LI WF = 6" CFL Vertical Remodel Downlight, (1) 18 Watt DTT lamp with 120/277 Volt, Chicago Plenum, Self Flanged with Specular Clear Finish

Housing	Ballast	Options	Reflector	Finish	Option	Accessories
C6RV018 = 6" CFL Vertical Remodel, (1) 18W DTT C6IV018 = 6" CFL Vertical International, (1) 18W DTT	E = 120/277V 50/60 Hz Electronic 3E = 347V 50/60 Hz Electronic D = 120-277V Dimming, Lutron EcoSystem	CP = Chicago Plenum EM = Emergency Module with Remote Test Switch IEM = Emergency Module with Integral Test Switch	6001 = Downlight Reflector, Self Flanged 6000 = Downlight Reflector, Polymer Trim Ring 6001E = Downlight Reflector, Self Flanged, use with IEM 6000E = Downlight Reflector, Polymer Trim Ring use with IEM	LI = Specular Clear H = Semi-Specular Clear WMH = Warm Haze G = Specular Gold WH = Wheat WHH = Wheat Haze GP = Graphite GPH = Graphite Haze CC = Chocolate CCH = Chocolate Haze K = Cognac KH = Cognac Haze B = Specular Black W = Gloss White BB = Black Baffle (6000 only) WB = White Baffle (6000 only)	WF = White painted flange (self flanged only)	TRM6 = Metal Trim Ring, Specify Finish¹ TRR6 = Rimless Trim Ring¹ FK5 = 5 Amp Field Installable Fuse Kit 300V Max DT6 = Deco trim¹ ABR6P = Remodel Adaptor Ring for 7" OD ABR7P = Remodel Adaptor Ring for 8" OD ABR8P = Remodel Adaptor Ring for 9" OD

Notes: 1 Order trim with polymer trim ring
(Consult specification sheet for ordering information and options).

PHOTOMETRICS**Candlepower Distribution Curve**

Test No. H22200
C6RV018 6000LI
Lamp = 18W DTT
Lumens = 1250
Spacing Criterion = 0.7
Efficiency = 51.8%

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	429	64.9
0-40	575	88.9
0-60	647	100.0
0-90	647	100.0
90-180	0	0.4
0-180	647	100.0

Luminance

Degrees	CD/SQ M
45	8023
55	0
65	0
75	0
85	0

Candela Distribution

Degrees	CD
0	795
5	808
15	586
25	392
35	248
45	93
55	0
65	0
75	0
85	0
90	0

Cone of Light

Distance Fixture to Lighted Plane	Initial Footcandles at Nadir	Beam Diameter
4'6"	39	3'6"
5'6"	26	4'0"
6'6"	19	4'6"
8'0"	12	6'0"
10'0"	8	7'6"
12'0"	6	8'6"

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.

Footcandle values are initial, apply appropriate light loss factors where necessary.

Reflector Multiplier: Haze = .95
Straw = .90
Wheat = .90

EM Multiplier (in emergency mode): EM = .52