

HALO



Halo Commercial

Recessed Downlighting

COOPER Lighting



Halo Commercial offers high-quality yet budget-conscious downlighting with specification allied performance, and some of the highest efficiencies in commercial downlighting. This means savings in fewer fixtures and lower watts per square foot, yet delivers a comfortable and well-lighted space.

Comprehensive commercial downlights in both 6" and 8" apertures support energy efficient industry standard lamp sources including compact fluorescent, metal halide, halogen and LEDi (integrated self-ballast). In addition, adjustable PAR downlights in 4" and 6" apertures meet directional lighting requirements; supporting PAR halogen, integrated PAR LEDi sources.

Versatile housing frames work in both new and remodel construction, and feature the No Fuss Bar Hanger™ system for ease of installation. Trim selection includes a full palette of open, lens, and wall wash trims in a variety of standard finishes to complete commercial lighting projects.

Ease of Ordering two components – frame and reflector trim. Frames come complete with ballast and socket assembly; and the No Fuss Bar Hangers™ are pre-installed and centered.

HALO®

Commercial



① No Fuss Bar Hangers™

- Pre-installed and centered bar hangers
- Bars lock to tee grid with a screwdriver or pliers
- Centering marks on the bar hanger mechanism allow consistent positioning of fixtures

② Frame

- Boat-shaped galvanized steel frame
- For new construction or remodeling installations
- (2) remodel clips included to secure frame when installed from below the ceiling

③ Adjustable Plaster Lip Collar

- Pre-set at 1/2"
- Adjusts from 1/2" to 2" to accommodate ceilings up to 2" thick

④ Adjustable Mounting Brackets

- Bar hanger brackets adjust 2" vertically from above the ceiling or through the aperture
- Brackets for use with the included No Fuss Bar Hangers™ or with 1/2" EMT
- Brackets are removable to facilitate remodel installation from below the ceiling

⑤ Junction Box

- (4) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs
- Listed for feed through branch wiring

⑥ Socket Housing

- Galvanized steel socket housing attaches securely to the reflector with captive thumbscrew on horizontal frame models, and twist-on socket cup on vertical frame models. Vented adjustable socket cup for superior lamp performance and optimum lamp positioning.

6" Downlighting

- Pre-installed No Fuss Bar Hanger™ system
- Boat-shaped die-formed frame for new construction or remodeling
- Mounting brackets use bar hangers or allow 1/2" EMT
- Mounting brackets adjust 2" vertically
- Remodel clips included for remodeling
- Vented adjustable socket cup for superior lamp performance and optimum lamp positioning



6" Frames

	Ballast ¹	Chicago Plenum
PD6H113 6" (1) 13W DTT Horizontal, CFL	PD6H113E, PD6H1133E, PD6H113REM	PD6CPH113E, PD6CPH113REM
PD6H118 6" (1) 18W DTT Horizontal, CFL	PD6H118E, PD6H1183E, PD6H118REM, PD6H1181DMARKX, PD6H1182DMARKX	PD6CPH118E, PD6CPH118REM, PD6CPH1181DMARKX, PD6CPH1182DMARKX
PD6H142 6" (1) 26W DTT, 26/32/42W TTT Horizontal, CFL	PD6H142E, PD6H1423E, PD6H142REM, PD6H1421DMARKX, PD6H1422DMARKX	PD6CPH142E, PD6CPH142REM, PD6CPH1421DMARKX, PD6CPH1422DMARKX
PD6H213 6" (2) 13W DTT Horizontal, CFL	PD6H213E, PD6H2133E, PD6H213REM	PD6CPH213E, PD6CPH213REM
PD6H218 6" (2) 18W DTT Horizontal, CFL	PD6H218E, PD6H2183E, PD6H218REM, PD6H2181DMARKX, PD6H2182DMARKX	PD6CPH218E, PD6CPH218REM, PD6CPH2181DMARKX, PD6CPH2182DMARKX
PD6H226 6" (2) 26W DTT Horizontal, CFL	PD6H226E, PD6H2263E, PD6H226REM, PD6H2261DMARKX, PD6H2262DMARKX	PD6CPH226E, PD6CPH226REM, PD6CPH2261DMARKX, PD6CPH2262DMARKX
PD6V142 6" (1) 26W DTT, 26/32/42W TTT Vertical, CFL	PD6V142E, PD6V1423E, PD6V142REM, PD6V1421DMARKX, PD6V1422DMARKX	PD6CPV142E, PD6CPV142REM, PD6CPV1421DMARKX, PD6CPV1422DMARKX
PD6V120 6" Vertical, E26 120V, Incandescent/LEDi		PD6CPV120
PD6V50 6" Vertical, E26 (protected) 50W, Metal Halide	PD6V50E, PD6V503E	PD6CPV50E
PD6V70 6" Vertical, E26 (protected) 70W, Metal Halide	PD6V70E, PD6V703E	PD6CPV70E
PD6V100 6" Vertical, E26 (protected) 100W, Metal Halide	PD6V100E, PD6V1003E	PD6CPV100E
PD6P39 6" Vertical, E26 PAR 39W, Metal Halide	PD6P39E, PD6P393E	PD6CPP39E
PD6P70 6" Vertical, E26 PAR 70W, Metal Halide	PD6P70E, PD6P703E	PD6CPP70E
PD6P100 6" Vertical, E26 PAR 100W, Metal Halide	PD6P100E, PD6P1003E	PD6CPP100E

DTT = Double Twin Tube

TTT = Triple Twin Tube



Ballast

- Compact fluorescent (CFL) and metal halide (MH) frames are supplied with energy efficient electronic ballasts.
- CFL is offered in universal 120V - 277V input and 347V input models, and MH offered in 120V/277V dual input and 347V input models.
- Emergency CFL battery back-up ballast option for 120V/277V.
- Mark 10 CFL dimming ballast options include 120V and 277V models.

Consult website: www.cooperlighting.com

¹ Options

E = 120V - 277V, 50/60 Hz, UNV

REM = 120V/277V, 60 Hz emergency CFL ballast option

3E = 347V, 50/60 Hz

1DMARKX = 5% two-wire dimming, 120V

2DMARKX = 5% two-wire dimming, 277V

8" Downlighting

- Pre-installed No Fuss Bar Hanger™ system
- Boat-shaped die-formed frame for new construction or remodeling
- Mounting brackets use bar hangers or allow 1/2" EMT
- Mounting brackets adjust 2" vertically
- Remodel clips included for remodeling
- Vented adjustable socket cup for superior lamp performance and optimum lamp positioning



8" Frames	Ballast ¹	Chicago Plenum
PD8H142 8" (1) 26W DTT, 26/32/42W TTT Horizontal, CFL	PD8H142E, PD8H1423E, PD8H142REM, PD8H1421DMARKX, PD8H1422DMARKX	PD8CPH142E, PD8CPH142REM, PD8CPH1421DMARKX, PD8CPH1422DMARKX
PD8H213 8" (2) 13W DTT Horizontal, CFL	PD8H213E, PD8H2133E, PD8H213REM	PD8CPH213E, PD8CPH213REM
PD8H218 8" (2) 18W DTT Horizontal, CFL	PD8H218E, PD8H2183E, PD8H218REM, PD8H2181DMARKX, PD8H2182DMARKX	PD8CPH218E, PD8CPH218REM, PD8CPH2181DMARKX, PD8CPH2182DMARKX
PD8H242 8" (2) 26W DTT, 26/32/42W TTT Horizontal, CFL	PD8H242E, PD8H2423E, PD8H242REM, PD8H2421DMARKX †, PD8H2422DMARKX † PD8H2261DMARKX Δ, PD8H2262DMARKX Δ	PD8CPH242E, PD8CPH242REM, PD8CPH2421DMARKX †, PD8CPH2422DMARKX † PD8CPH2261DMARKX Δ, PD8CPH2262DMARKX Δ
[†] For 32/42W TTT 120V or 277V dimming ^Δ For 26W DTT, 26W TTT 120V or 277V dimming		
PD8V142 8" (1) 26W DTT, 26/32/42W TTT Vertical, CFL	PD8V142E, PD8V1423E, PD8V142REM, PD8V1421DMARKX, PD8V1422DMARKX	PD8CPV142E, PD8CPV142REM, PD8CPV1421DMARKX, PD8CPV1422DMARKX
PD8V120 8" Vertical, E26 120V, Incandescent/LEDi		PD8CPV120
PD8V50 8" Vertical, E26 (protected) 50W, Metal Halide	PD8V50E, PD8V503E	PD8CPV50E
PD8V70 8" Vertical, E26 (protected) 70W, Metal Halide	PD8V70E, PD8V703E	PD8CPV70E
PD8V100 8" Vertical, E26 (protected) 100W, Metal Halide	PD8V100E, PD8V1003E	PD8CPV100E
PD8V150 8" Vertical, E26 PAR 39W, Metal Halide	PD8P150E, PD8P1503E	PD8CPP150E
PD8P70 8" Vertical, E26 PAR 70W, Metal Halide	PD8P70E, PD8P703E	PD8CPP70E
PD8P100 8" Vertical, E26 PAR 100W, Metal Halide	PD8P100E, PD8P1003E	PD8CPP100E
PD8P150 8" Vertical, E26 PAR 150W, Metal Halide	PD8P150E, PD8P1503E	PD8CPP150E

DTT = Double Twin Tube TTT = Triple Twin Tube



Emergency CFL Battery Pack Option

- Optional integral 120V/277V dual input compact fluorescent battery pack models provide 90-minutes of emergency illumination.
- Long life maintenance free sealed nickel cadmium batteries recharge in 24 hours.
- Prewired on flexible metal conduit are remote test switch and indicator light.

Accessories

RMB22 = 22" long wood joist mounting bar

HB128APK = L channel hanger bar, 26", "No Fuss", Pair (replacement)

4" and 6" PAR Directional

- Directional housing and trims designed for PAR reflector lamps
- Angle cut parabolic reflectors minimize flashback for a visually comfortable optic.
- Socket adjustment system rotates 360° and tilts 40°
- Compatible with angle cut reflectors designed for tilt feature
- Mounting brackets accept 1/2" EMT, C-Channel, and T-Bar Fasteners
- Die-formed housing and plaster frame
- Access provided for junction box inspection
- For use with listed PAR Halogen and PAR LEDi lamps



PAR Directional

Chicago Plenum

PA4

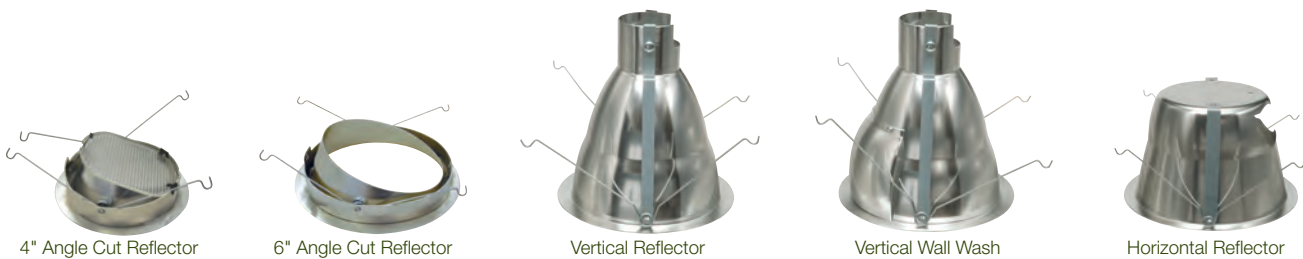
4" PAR20/30S Directional, 120V, Incandescent/LEDi

PA4CP

PA6

6" PAR30L/38 Directional, 120V, Incandescent/LEDi

PA6CP



Reflectors

	Baffle White Flange	Reflector Polished Flange (Cone Color)	Wall Wash Polished Flange (Cone Color)	Crossblade Reflector ² Polished Flange (Cone Color)
62H 6" Horizontal	62HBB, 62HWP	62HC, 62HG, 62HH, 62HW	62HWWC, 62HWWG, 62HWWH, 62HWWW	62HCBC, 62HCBG, 62HCBH, 62HCBW
60V 6" Vertical	60VBB, 60VWP	60VC, 60VG, 60VH, 60VW	60VWWC, 60VWWG, 60VWWH, 60VWWW	
82H 8" Horizontal	82HBB, 82HWP	82HC, 82HG, 82HH, 82HW	82HWWC, 82HWWG, 82HWWH, 82HWWW	82HCBC, 82HCBG, 82HCBH, 82HCBW
80V 8" Vertical	80VBB, 80VWP	80VC, 80VG, 80VH, 80VW	80VWWC, 80VWWG, 80VWWH, 80VWWW	
4A 4" Angle Cut Open Trim	4ABB, 4AWB	4AC, 4AG, 4AH, 4AW		
6A 6" Angle Cut Open Trim	6ABB, 6AWB	6AC, 6AG, 6AH, 6AW		
	BB = Black Baffle WB = White Baffle	C = Specular Clear G = Specular Gold H = Semi-Specular Clear	WW = Wall Wash C = Specular Clear G = Specular Gold H = Semi-Specular Clear W = Gloss White	CB = Crossblade C = Specular Clear G = Specular Gold H = Semi-Specular Clear W = Gloss White



Open - Reflector and Baffle

Highly efficient one piece aluminum reflector provides for lamp and lamp image cutoff for a visually comfortable optic.



Lensed

One piece aluminum reflector secures lens in place with integrated spring clips for a visually comfortable optic and allows for tool-less lens exchange from below the ceiling. Available with clear, diffuse, prismatic, fresnel or drop opal glass lens on designated models.



Open Wall Wash

One piece aluminum reflector combined with spun aluminum kicker reflector provides for high efficient vertical illumination with a downlight component.

High Efficiency Performance Photometrics

8" 1 x 32W CFL Horizontal Open Reflector

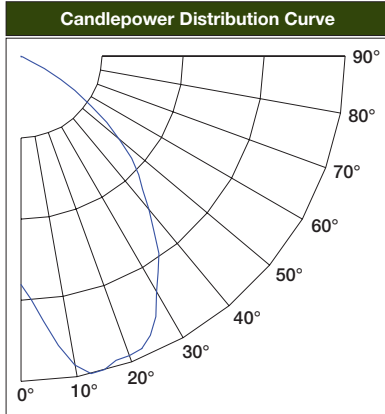
PD8H142E-82HC_32TTT

Spacing Criteria = 1.52

Lumens per Watt = 55 LpW

Test Number = P31432

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	721.90	30.10	39.80
0-40	1188.28	49.50	65.60
0-60	1774.36	73.90	97.90
0-90	1812.13	75.50	100.00



8" 1 x 32W CFL Horizontal Prismatic Lens

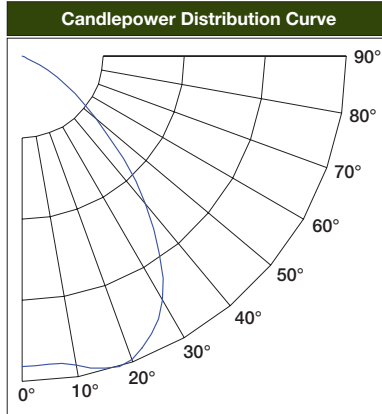
PD8H142E-82H1GC_32TTT

Spacing Criteria = 1.22

Lumens per Watt = 44 LpW

Test Number = P31433

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	640.21	26.70	44.20
0-40	990.80	41.30	68.40
0-60	1398.25	58.30	96.60
0-90	1447.59	60.30	100.00



8" 1 x 32W CFL Horizontal Wall Wash

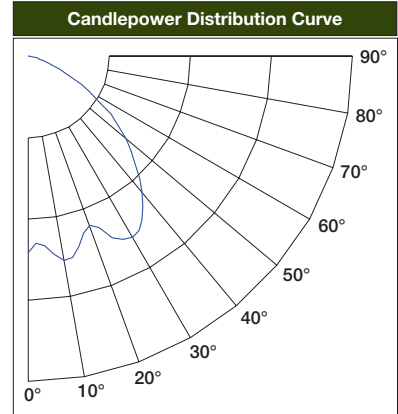
PD8H142E-82HWWC_32TTT

Spacing Criteria = 1.50

Lumens per Watt = 51 LpW

Test Number = P31434

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	640.02	26.70	38.00
0-40	1067.21	44.50	63.40
0-60	1598.97	66.60	95.00
0-90	1682.45	70.10	100.00



Lens ³ Wet Location Listed	"Dead Front" Lens ⁴ Wet Location Listed	White Flange Option ⁵
62H1GBB, 62H1GC, 62H1GG, 62H1GH, 62H1GW, 62H1GWB, 62H2GBB, 62H2GC, 62H2GG, 62H2GH, 62H2GW, 62H2GWB, 62H3GBB, 62H3GC, 62H3GG, 62H3GH, 62H3GW, 62H3GWB	62H1GDF, 62H2GDF, 62H3GDF, 62H4GDF, 62H5GDF	62HCWF, 62HGWF, 62HHWF, 62H1GCWF, 62H1GGWF, 62H1GHWF, 62H2GCWF, 62H2GGWF, 62H2GHWF, 62H3GCWF, 62H3GGWF, 62H3GHWF, 62HWWCWF, 62HWWGWF, 62HWWHWF
60V1GBB, 60V1GC, 60V1GG, 60V1GH, 60V1GW, 60V1GWB, 60V2GBB, 60V2GC, 60V2GG, 60V2GH, 60V2GW, 60V2GWB, 60V3GBB, 60V3GC, 60V3GG, 60V3GH, 60V3GW, 60V3GWB	60V1GDF, 60V2GDF, 60V3GDF, 60V4GDF, 60V5GDF	60VCWF, 60VGWF, 60VHWF, 60V1GCWF, 60V1GGWF, 60V1GHWF, 60V2GCWF, 60V2GGWF, 60V2GHWF, 60V3GCWF, 60V3GGWF, 60V3GHWF, 60VWWCWF, 60VWWGWF, 60VWWHWF
82H1GBB, 82H1GC, 82H1GG, 82H1GH, 82H1GW, 82H1GWB, 82H2GBB, 82H2GC, 82H2GG, 82H2GH, 82H2GW, 82H2GWB, 82H3GBB, 82H3GC, 82H3GG, 82H3GH, 82H3GW, 82H3GWB		82HCWF, 82HGWF, 82HHWF, 82H1GCWF, 82H1GGWF, 82H1GHWF, 82H2GCWF, 82H2GGWF, 82H2GHWF, 82H3GCWF, 82H3GGWF, 82H3GHWF, 82HWWCWF, 82HWWGWF, 82HWWHWF
80V1GBB, 80V1GC, 80V1GG, 80V1GH, 80V1GW, 80V1GWB, 80V2GBB, 80V2GC, 80V2GG, 80V2GH, 80V2GW, 80V2GWB, 80V3GBB, 80V3GC, 80V3GG, 80V3GH, 80V3GW, 80V3GWB		80VCWF, 80VGWF, 80VHWF, 80V1GCWF, 80V1GGWF, 80V1GHWF, 80V1GCWF, 80V1GGWF, 80V1GHWF, 80V3GCWF, 80V3GGWF, 80V3GHWF, 80VWWCWF, 80VWWGWF, 80VWWHWF
4A1GBB, 4A2GBB, 4A3GBB, 4A1GWB, 4A2GWB, 4A3GWB, 4A1GC, 4A2GC, 4A3GC, 4A1GG, 4A2GG, 4A13GG, 4A1GH, 4A2GH, 4A3GH, 4A1GW, 4A2GW, 4A3GW		4ACWF, 4A1GCWF, 4A2GCWF, 4A3GCWF, 4AGWF, 4A1GGWF, 4A2GGWF, 4A13GGWF, 4AHWF, 4A1GHWF, 4A2GHWF, 4A3GHWF
6A1GBB, 6A2GBB, 6A3GBB, 6A1GWB, 6A2GWB, 6A3GWB, 6A1GC, 6A2GC, 6A3GC, 6A1GG, 6A2GG, 6A13GG, 6A1GH, 6A2GH, 6A3GH, 6A1GW, 6A2GW, 6A3GW		6ACWF, 6A1GCWF, 6A2GCWF, 6A3GCWF, 6AGWF, 6A1GGWF, 6A2GGWF, 6A13GGWF, 6AHWF, 6A1GHWF, 6A2GHWF, 6A3GHWF
1G = Prismatic Glass 2G = Diffuse Glass 3G = Clear Glass	C = Specular Clear G = Specular Gold H = Semi-Specular Clear W = Gloss White	BB = Black Baffle WB = White Baffle
	DF = Dead Front 1G = Prismatic Glass 2G = Diffuse Glass 3G = Clear Glass 4G = Fresnel Glass 5G = Drop Opal Glass	WF = White Flange 1G = Prismatic Glass 2G = Diffuse Glass 3G = Clear Glass
		WW = Wall Wash C = Specular Clear G = Specular Gold H = Semi-Specular Clear W = Gloss White



Specular Clear
(C)



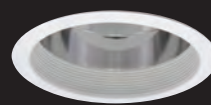
Specular Gold
(G)



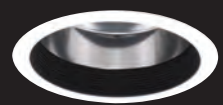
Semi-Specular Clear
(H)



White
(W)



White Baffle
(WB)



Black Baffle
(BB)



Dead Front
(DF)



Crossblade Reflector
(CB)

² Crossblade Reflector:

Crossblade reflector option is available with open horizontal reflectors only. Blade finish matches reflector, not available with baffle.

³ Lens Option:

1G = Prismatic Glass
2G = Diffuse Glass
3G = Clear Glass
4G = Fresnel Glass (DF only)
5G = Drop Opal Glass (DF only)

⁴ "Dead Front" Lens:

"DF" trim option includes Specular Clear (C) reflector and white polymer flange only. No other finish or flange options apply.

⁵ White Flange Option:

WF = White Flange
(C, G, H reflector trims only)

See Reflector table for available configurations.

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The Cooper Lighting Family

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Metalux
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Fail-Safe
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Irving, Texas
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Peachtree City, Georgia

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