

DESCRIPTION

Recessed 6 inch aperture open downlight for one horizontal 13W or 18W double twin tube compact fluorescent lamp. Fixture is suitable for commercial construction. Insulation must be kept 3" from top and sides of housing. Universal input electronic ballast with dimming and emergency options.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

MECHANICAL

Frame

Boat shaped galvanized steel frame with 1/2" plaster lip accommodates ceilings up to 2" thick. May be used for new construction or remodeling installations. Provided with (2) remodel clips to secure frame when installed from below the ceiling.

Mounting Brackets

Bar hanger receivers adjusts 2" vertically from above the ceiling or thru the aperture. Use with No Fuss™ bar hangers or with 1/2" EMT. Removable to facilitate installation from below the ceiling.

No Fuss™ Bar Hangers

Pre-installed and centered bar hanger locks to tee grid with a screwdriver or pliers. Centering marks on the bar hanger mechanism allows consistent positioning of fixtures.

OPTICAL

Reflector

Highly efficient one piece aluminum reflector combined with spun aluminum gradient kicker reflector provides for vertical illumination with a downlight component. Equal cutoff on room side and uniform illumination of the wall plane for a visually comfortable optic. Self flanged standard.

- **Specular Reflectors** - Polished flange standard with white painted flange option.

- Baffles and White Reflector -

White painted flange standard.

Trim Retention

Reflector assembly is retained with two torsion springs and held tightly to the finished ceiling surface. Orientation markings on housing and trim facilitate proper alignment.

ELECTRICAL

Junction Box

(6) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Listed for (12) #12 AWG (six in, six out) 90°C conductors and feed thru branch wiring.

Lamp Socket

4-pin G24q base accepts (1) 13W or 18W DTT lamp.

Socket Housing

Galvanized steel socket housing attached securely to reflector with captive thumbscrew. Vents provide effective lamp thermal management.

Control Gear

Universal 120V - 277V UNV or 347V input electronic ballast for 13W or 18W compact fluorescent lamp.

Emergency Battery Pack

REM - Remote emergency test switch. Housing includes 120V/277V, 60Hz dual-tap battery pack provides 90 minutes of emergency illumination. Long life maintenance free sealed nickel cadmium batteries recharge fully

in 24 hours. REM configuration includes prewired and attached remote test switch plate and indicator light. REM option is the standard emergency configuration, and is compatible with all standard reflector options, ordered separately.

Emergency Battery Pack - Average Lamp Lumen Ratings

REM option: 13W 350lm, 18W 350lm

(Note: average lamp lumens are based upon REM manufacturer ratings. Delivered lumens depend upon trim; refer to trim photometry to factor delivered lumens).

Code Compliance

- Thermally protected and cULus listed for damp locations.
- IP20 rated for open trims.
- NFPA Life Safety (Emergency Battery Pack).
- EMI/RFI per FCC Title 47 CFR, Part 18, non consumer limits.
- High efficacy luminaire may be used to meet IECC, ASHRAE, and Title 24 commercial standards.



PD6H113
PD6H118
62HWW

(1) 13W or 18W DTT

Compact Fluorescent

6-Inch Aperture
Open Wall Wash

New Construction or
Remodel
Non-IC

ENERGY DATA

PD6H113E, PD6CPH113E	
Min. Starting Temp -5°F / -20°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50/60 Hz	Power Factor > 0.98
THD < 10%	Input Voltage 120V - 277V ±10%
Crest Factor < 1.7	Ballast Factor 1.00
Operating Frequency > 40kHz	UL LISTED CLASS P, Type 1 OUTDOOR, CSA or C/UL CERTIFIED
CFQ13W/G24Q	Input Power 16W
	Input Current 0.25A @ 120V
	Input Current 0.11A @ 277V

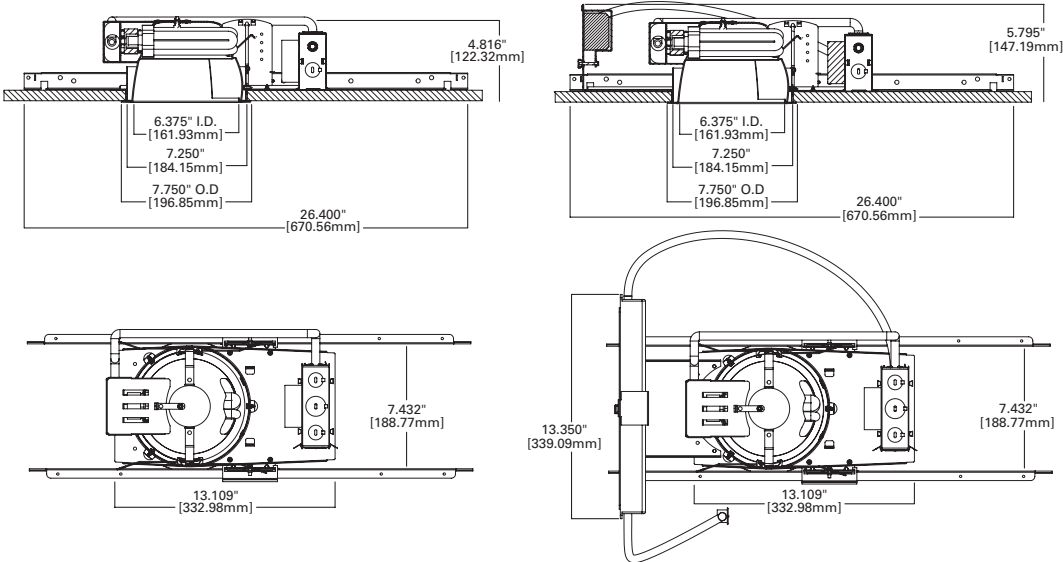
PD6H1133E	
Min. Starting Temp 0°F / -18°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50-60Hz	Power Factor > 0.98
THD < 10%	Input Voltage 347VAC ±10%
Crest factor < 1.7	Ballast Factor 1.00
Operating Frequency 62-72 kHz	cULUS CERTIFIED
CFQ13W/G24Q	Input Power 18W
	Input Current 0.06A @ 347V

PD6H118E, PD6CPH118E	
Min. Starting Temp 0°F / -18°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50/60 Hz	Power Factor > 0.98 @ 120V
THD < 10% @ 120V	Power Factor > 0.95 @ 277V
THD < 15% @ 277V	Input Voltage 120VAC - 277VAC ±10%
Crest factor < 1.5	Ballast factor 1.00
Operating Frequency 50-60kHz	cULus, Class P, Type 1 Outdoor, Type CC, Type HL
CFQ18W/G24Q	Input Power 19W
	Input Current 0.16A @ 120V
	Input Current 0.07A @ 277V

PD6H1183E	
Min. Starting Temp 0°F / -18°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50-60Hz	Power Factor > 0.98
THD < 10%	Input Voltage 347VAC ±10%
Crest factor < 1.5	Ballast factor 1.00
Operating Frequency 60-70 kHz	cULus Certified
CFQ18W/G24Q	Input Power 21W
	Input Current 0.06A @ 347V

DIMENSIONS

Emergency Option



ORDERING INFORMATION

SAMPLE NUMBER: PD6H113E 62HWWC

Order housing, reflector and lamp separately for a complete luminaire.

Housing PD6H113 = 6 Inch horizontal (1) 13W DTT CFL PD6CPH113 = 6 Inch horizontal (1) 13W DTT CFL, CCEA listed (Chicago Plenum)	Ballast Option E = 120V – 277V 50/60Hz UNV REM = 120V/277V 60Hz dual-tap emergency battery ballast with remote test switch plate 3E = 347V, 50/60Hz EDMARK7 = 5% 0-10V discrete two-wire (13W) dimming, 120-277V EDMARK7REM = 5% 0-10V discrete two-wire (13W) dimming, 120-277V; with REM emergency option	Reflector 62HWW = 6" horizontal open wall wash Finish Option C=Specular Clear G=Specular Gold H=Semi Specular Clear W=White (White Flange)	Flange Option Blank=Polished Flange (C, G, H) Blank=White flange (W) WF=White Flange (C, G, H)	Accessories HB128APK = L channel hanger bar, 26", 'No-Fuss', pair (replacement) RMB22 = 22" long wood joist mounting bars	

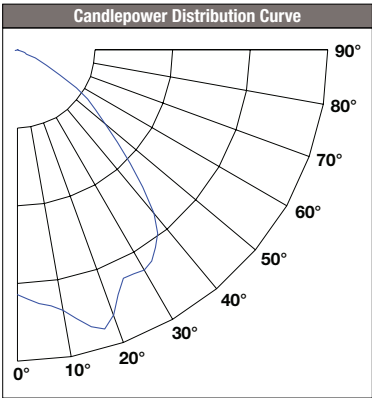
SAMPLE NUMBER: PD6H118E 62HWWC

Order housing, reflector and lamp separately for a complete luminaire.

Housing PD6H118 = 6 Inch horizontal (1) 18W DTT CFL PD6CPH118 = 6 Inch horizontal (1) 18W DTT CFL, CCEA listed (Chicago Plenum)	Ballast Option E = 120V – 277V 50/60Hz UNV REM = 120V/277V 60Hz dual-tap emergency battery ballast with remote test switch plate 3E = 347V, 50/60Hz 1DMARKX = 5% two-wire (18W) dimming, 120V 2DMARKX = 5% two-wire (18W) dimming, 277V EDMARK7 = 5% 0-10V discrete two-wire (18W) dimming, 120-277V 1DMARKXREM = 5% two-wire (18W) dimming, 120V; with REM emergency option 2DMARKXREM = 5% two-wire (18W) dimming, 277V; with REM emergency option EDMARK7REM = 5% 0-10V discrete two-wire (18W) dimming, 120-277V; with REM emergency option	Reflector 62HWW = 6" horizontal open wall wash Finish Option C=Specular Clear G=Specular Gold H=Semi Specular Clear W=White (White Flange)	Flange Option Blank=Polished Flange (C, G, H) Blank=White flange (W) WF=White Flange (C, G, H)	Accessories HB128APK = L channel hanger bar, 26", 'No-Fuss', pair (replacement) RMB22 = 22" long wood joist mounting bars	

PHOTOMETRY

PD6H113E-62HWWC_13DTT
Spacing Criteria = 1.12
Lumens per Watt = 35 LpW
Test No. P31429
Test Model: PD6H113E-62HWWC_13DTT



Candela Distribution	
Degrees Vertical	Candela
0*	237
5	237
15	227
25	191
35	146
45	91
55	50
65	28
75	12
85	2
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	5036
55	3151
65	2123
75	1187
85	298

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	215.01	23.90	38.30
0-40	354.82	39.40	63.20
0-60	537.14	59.70	95.70
0-90	561.55	62.40	100.00

Single Unit Footcandles					
2.5' from wall (distance from fixture along wall)					
1	1.2	0.9	0.4	0.1	
2	3.9	3.4	1.7	0.5	
3	5.1	4.6	3.2	1.7	
4	4.5	4.0	3.2	2.0	
5	3.3	3.0	2.6	2.0	
6	2.2	2.2	2.0	1.6	
7	1.5	1.5	1.4	1.3	
8	1.1	1.1	1.1	0.9	
9	0.8	0.8	0.8	0.7	
10	0.6	0.6	0.6	0.6	

Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
1	3.0	2.7	3.0	
2	5.9	7.2	5.9	
3	6.8	7.9	6.8	
4	6.0	6.6	6.0	
5	4.5	4.9	4.5	
6	3.2	3.5	3.2	
7	2.4	2.5	2.4	
8	1.8	1.9	1.8	
9	1.3	1.4	1.3	
10	1.0	1.1	1.0	

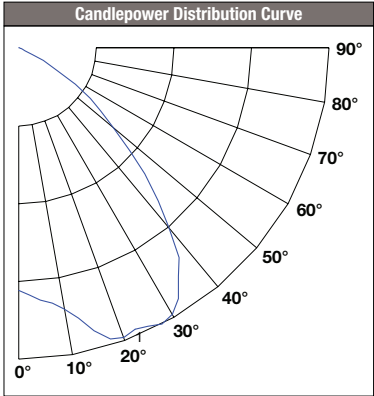
Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
1	3.5	3.9	3.5	
2	7.6	8.5	7.6	
3	8.2	8.7	8.2	
4	6.9	7.0	6.9	
5	5.0	5.1	5.0	
6	3.5	3.6	3.5	
7	2.5	2.6	2.5	
8	1.9	1.9	1.9	
9	1.4	1.4	1.4	
10	1.1	1.1	1.1	

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.

PHOTOMETRY (continued)

PD6H118E-62HWWC_18DTT

Spacing Criteria = 1.50
Lumens per Watt = 34 LpW
Test No. P31430
Test Model: PD6H118E-62HWWC_18DTT



Candela Distribution	
Degrees Vertical	Candela
0*	280
5	289
15	312
25	308
35	255
45	164
55	71
65	28
75	11
85	1
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	9077
55	4474
65	2123
75	1088
85	149

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	272.12	22.70	38.70
0-40	453.31	37.80	64.40
0-60	679.45	56.60	96.50
0-90	703.96	58.70	100.00

Single Unit Footcandles					
2.5' from wall (distance from fixture along wall)					
1	1.1	0.8	0.3	0.1	
2	4.6	3.8	1.5	0.5	
3	9.3	7.6	4.5	2.0	
4	7.9	7.0	5.0	2.8	
5	5.4	5.1	4.2	2.9	
6	3.5	3.5	3.1	2.4	
7	2.3	2.3	2.2	1.9	
8	1.6	1.6	1.6	1.4	
9	1.1	1.2	1.1	1.1	
10	0.8	0.8	0.8	0.8	

Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
		3		
1	2.8	2.6	2.8	
2	8.4	9.7	8.4	
3	11.6	12.8	11.6	
4	9.5	10.9	9.5	
5	7.0	8.0	7.0	
6	5.0	5.5	5.0	
7	3.6	3.8	3.6	
8	2.6	2.7	2.6	
9	1.9	2.0	1.9	
10	1.4	1.5	1.4	

Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
		4		
1	3.4	3.7	3.4	
2	10.6	13.1	10.6	
3	14.2	15.2	14.2	
4	11.2	12.1	11.2	
5	8.0	8.4	8.0	
6	5.5	5.7	5.5	
7	3.8	3.9	3.8	
8	2.7	2.7	2.7	
9	1.9	2.0	1.9	
10	1.4	1.5	1.4	

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.

Note: Specifications and Dimensions subject to change without notice.

DESCRIPTION

Recessed 6 inch aperture open downlight for one horizontal 13W or 18W double twin tube compact fluorescent lamp. Fixture is suitable for commercial construction. Insulation must be kept 3" from top and sides of housing. Universal input electronic ballast with dimming and emergency options.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

MECHANICAL

Frame

Boat shaped galvanized steel frame with 1/2" plaster lip accommodates ceilings up to 2" thick. May be used for new construction or remodeling installations. Provided with (2) remodel clips to secure frame when installed from below the ceiling.

Mounting Brackets

Bar hanger receivers adjusts 2" vertically from above the ceiling or thru the aperture. Use with No Fuss™ bar hangers or with 1/2" EMT. Removable to facilitate installation from below the ceiling.

No Fuss™ Bar Hangers

Pre-installed and centered bar hanger locks to tee grid with a screwdriver or pliers. Centering marks on the bar hanger mechanism allows consistent positioning of fixtures.

OPTICAL

Reflector

Highly efficient one piece aluminum reflector combined with spun aluminum gradient kicker reflector provides for vertical illumination with a downlight component. Equal cutoff on room side and uniform illumination of the wall plane for a visually comfortable optic. Self flanged standard.

- **Specular Reflectors** - Polished flange standard with white painted flange option.

- Baffles and White Reflector -

White painted flange standard.

Trim Retention

Reflector assembly is retained with two torsion springs and held tightly to the finished ceiling surface. Orientation markings on housing and trim facilitate proper alignment.

ELECTRICAL

Junction Box

(6) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Listed for (12) #12 AWG (six in, six out) 90°C conductors and feed thru branch wiring.

Lamp Socket

4-pin G24q base accepts (1) 13W or 18W DTT lamp.

Socket Housing

Galvanized steel socket housing attached securely to reflector with captive thumbscrew. Vents provide effective lamp thermal management.

Control Gear

Universal 120V - 277V UNV or 347V input electronic ballast for 13W or 18W compact fluorescent lamp.

Emergency Battery Pack

REM - Remote emergency test switch. Housing includes 120V/277V, 60Hz dual-tap battery pack provides 90 minutes of emergency illumination. Long life maintenance free sealed nickel cadmium batteries recharge fully

in 24 hours. REM configuration includes prewired and attached remote test switch plate and indicator light. REM option is the standard emergency configuration, and is compatible with all standard reflector options, ordered separately.

Emergency Battery Pack - Average Lamp Lumen Ratings

REM option: 13W 350lm, 18W 350lm

(Note: average lamp lumens are based upon REM manufacturer ratings. Delivered lumens depend upon trim; refer to trim photometry to factor delivered lumens).

Code Compliance

- Thermally protected and cULus listed for damp locations.
- IP20 rated for open trims.
- NFPA Life Safety (Emergency Battery Pack).
- EMI/RFI per FCC Title 47 CFR, Part 18, non consumer limits.
- High efficacy luminaire may be used to meet IECC, ASHRAE, and Title 24 commercial standards.



PD6H113
PD6H118
62HWW

(1) 13W or 18W DTT

Compact Fluorescent

6-Inch Aperture
Open Wall Wash

New Construction or
Remodel
Non-IC

ENERGY DATA

PD6H113E, PD6CPH113E	
Min. Starting Temp -5°F / -20°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50/60 Hz	Power Factor > 0.98
THD < 10%	Input Voltage 120V - 277V ±10%
Crest Factor < 1.7	Ballast Factor 1.00
Operating Frequency > 40kHz	UL LISTED CLASS P, Type 1 OUTDOOR, CSA or C/UL CERTIFIED
CFQ13W/G24Q	Input Power 16W
	Input Current 0.25A @ 120V
	Input Current 0.11A @ 277V

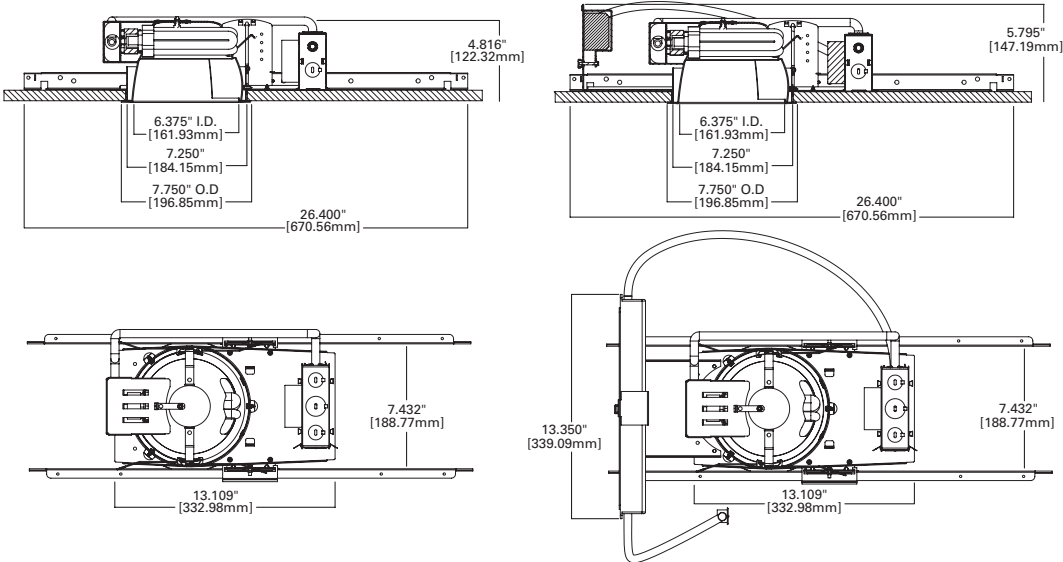
PD6H1133E	
Min. Starting Temp 0°F / -18°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50-60Hz	Power Factor > 0.98
THD < 10%	Input Voltage 347VAC ±10%
Crest factor < 1.7	Ballast Factor 1.00
Operating Frequency 62-72 kHz	cULUS CERTIFIED
CFQ13W/G24Q	Input Power 18W
	Input Current 0.06A @ 347V

PD6H118E, PD6CPH118E	
Min. Starting Temp 0°F / -18°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50/60 Hz	Power Factor > 0.98 @ 120V
THD < 10% @ 120V	Power Factor > 0.95 @ 277V
THD < 15% @ 277V	Input Voltage 120VAC - 277VAC ±10%
Crest factor < 1.5	Ballast factor 1.00
Operating Frequency 50-60kHz	cULus, Class P, Type 1 Outdoor, Type CC, Type HL
CFQ18W/G24Q	Input Power 19W
	Input Current 0.16A @ 120V
	Input Current 0.07A @ 277V

PD6H1183E	
Min. Starting Temp 0°F / -18°C	SOUND RATING CLASS A
EMI/RFI Emissions FCC 47CFR Part 18 Non-Consumer Limits	
Input Frequency 50-60Hz	Power Factor > 0.98
THD < 10%	Input Voltage 347VAC ±10%
Crest factor < 1.5	Ballast factor 1.00
Operating Frequency 60-70 kHz	cULus Certified
CFQ18W/G24Q	Input Power 21W
	Input Current 0.06A @ 347V

DIMENSIONS

Emergency Option



ORDERING INFORMATION

SAMPLE NUMBER: PD6H113E 62HWWC

Order housing, reflector and lamp separately for a complete luminaire.

Housing PD6H113 = 6 Inch horizontal (1) 13W DTT CFL PD6CPH113 = 6 Inch horizontal (1) 13W DTT CFL, CCEA listed (Chicago Plenum)	Ballast Option E = 120V – 277V 50/60Hz UNV REM = 120V/277V 60Hz dual-tap emergency battery ballast with remote test switch plate 3E = 347V, 50/60Hz EDMARK7 = 5% 0-10V discrete two-wire (13W) dimming, 120-277V EDMARK7REM = 5% 0-10V discrete two-wire (13W) dimming, 120-277V; with REM emergency option	Reflector 62HWW = 6" horizontal open wall wash Finish Option C=Specular Clear G=Specular Gold H=Semi Specular Clear W=White (White Flange)	Flange Option Blank=Polished Flange (C, G, H) Blank=White flange (W) WF=White Flange (C, G, H)	Accessories HB128APK = L channel hanger bar, 26", 'No-Fuss', pair (replacement) RMB22 = 22" long wood joist mounting bars	

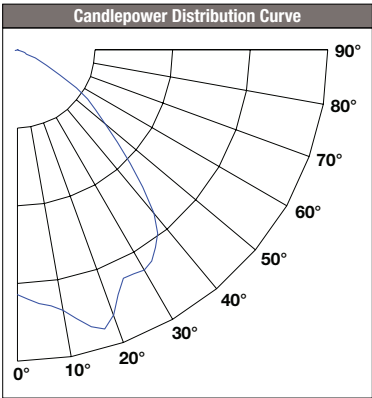
SAMPLE NUMBER: PD6H118E 62HWWC

Order housing, reflector and lamp separately for a complete luminaire.

Housing PD6H118 = 6 Inch horizontal (1) 18W DTT CFL PD6CPH118 = 6 Inch horizontal (1) 18W DTT CFL, CCEA listed (Chicago Plenum)	Ballast Option E = 120V – 277V 50/60Hz UNV REM = 120V/277V 60Hz dual-tap emergency battery ballast with remote test switch plate 3E = 347V, 50/60Hz 1DMARKX = 5% two-wire (18W) dimming, 120V 2DMARKX = 5% two-wire (18W) dimming, 277V EDMARK7 = 5% 0-10V discrete two-wire (18W) dimming, 120-277V 1DMARKXREM = 5% two-wire (18W) dimming, 120V; with REM emergency option 2DMARKXREM = 5% two-wire (18W) dimming, 277V; with REM emergency option EDMARK7REM = 5% 0-10V discrete two-wire (18W) dimming, 120-277V; with REM emergency option	Reflector 62HWW = 6" horizontal open wall wash Finish Option C=Specular Clear G=Specular Gold H=Semi Specular Clear W=White (White Flange)	Flange Option Blank=Polished Flange (C, G, H) Blank=White flange (W) WF=White Flange (C, G, H)	Accessories HB128APK = L channel hanger bar, 26", 'No-Fuss', pair (replacement) RMB22 = 22" long wood joist mounting bars	

PHOTOMETRY

PD6H113E-62HWWC_13DTT
Spacing Criteria = 1.12
Lumens per Watt = 35 LpW
Test No. P31429
Test Model: PD6H113E-62HWWC_13DTT



Candela Distribution	
Degrees Vertical	Candela
0*	237
5	237
15	227
25	191
35	146
45	91
55	50
65	28
75	12
85	2
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	5036
55	3151
65	2123
75	1187
85	298

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	215.01	23.90	38.30
0-40	354.82	39.40	63.20
0-60	537.14	59.70	95.70
0-90	561.55	62.40	100.00

Single Unit Footcandles					
2.5' from wall (distance from fixture along wall)					
1	1.2	0.9	0.4	0.1	
2	3.9	3.4	1.7	0.5	
3	5.1	4.6	3.2	1.7	
4	4.5	4.0	3.2	2.0	
5	3.3	3.0	2.6	2.0	
6	2.2	2.2	2.0	1.6	
7	1.5	1.5	1.4	1.3	
8	1.1	1.1	1.1	0.9	
9	0.8	0.8	0.8	0.7	
10	0.6	0.6	0.6	0.6	

Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
1	3.0	2.7	3.0	
2	5.9	7.2	5.9	
3	6.8	7.9	6.8	
4	6.0	6.6	6.0	
5	4.5	4.9	4.5	
6	3.2	3.5	3.2	
7	2.4	2.5	2.4	
8	1.8	1.9	1.8	
9	1.3	1.4	1.3	
10	1.0	1.1	1.0	

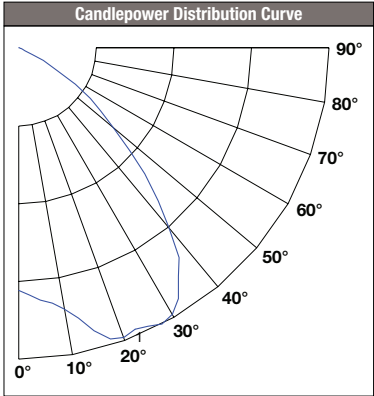
Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
1	3.5	3.9	3.5	
2	7.6	8.5	7.6	
3	8.2	8.7	8.2	
4	6.9	7.0	6.9	
5	5.0	5.1	5.0	
6	3.5	3.6	3.5	
7	2.5	2.6	2.5	
8	1.9	1.9	1.9	
9	1.4	1.4	1.4	
10	1.1	1.1	1.1	

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.

PHOTOMETRY (continued)

PD6H118E-62HWWC_18DTT

Spacing Criteria = 1.50
Lumens per Watt = 34 LpW
Test No. P31430
Test Model: PD6H118E-62HWWC_18DTT



Candela Distribution	
Degrees Vertical	Candela
0*	280
5	289
15	312
25	308
35	255
45	164
55	71
65	28
75	11
85	1
90	0

*CBCP

Luminance	
(Average Candela/M²)	
Degree	Avg. 0° Luminance
45	9077
55	4474
65	2123
75	1088
85	149

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	272.12	22.70	38.70
0-40	453.31	37.80	64.40
0-60	679.45	56.60	96.50
0-90	703.96	58.70	100.00

Single Unit Footcandles					
2.5' from wall (distance from fixture along wall)					
1	1.1	0.8	0.3	0.1	
2	4.6	3.8	1.5	0.5	
3	9.3	7.6	4.5	2.0	
4	7.9	7.0	5.0	2.8	
5	5.4	5.1	4.2	2.9	
6	3.5	3.5	3.1	2.4	
7	2.3	2.3	2.2	1.9	
8	1.6	1.6	1.6	1.4	
9	1.1	1.2	1.1	1.1	
10	0.8	0.8	0.8	0.8	

Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
		3		
1	2.8	2.6	2.8	
2	8.4	9.7	8.4	
3	11.6	12.8	11.6	
4	9.5	10.9	9.5	
5	7.0	8.0	7.0	
6	5.0	5.5	5.0	
7	3.6	3.8	3.6	
8	2.6	2.7	2.6	
9	1.9	2.0	1.9	
10	1.4	1.5	1.4	

Multiple Unit Footcandles				
2.5' from wall (spacing between fixtures)				
		4		
1	3.4	3.7	3.4	
2	10.6	13.1	10.6	
3	14.2	15.2	14.2	
4	11.2	12.1	11.2	
5	8.0	8.4	8.0	
6	5.5	5.7	5.5	
7	3.8	3.9	3.8	
8	2.7	2.7	2.7	
9	1.9	2.0	1.9	
10	1.4	1.5	1.4	

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.

Note: Specifications and Dimensions subject to change without notice.