

CLiP 6

INTERIOR LED LINEAR LIGHTING, HIGH LUMEN
INTEGRAL POWER SYSTEM



APPLICATION

The C6C linear LED product line is designed for high lumen cove lighting, wall washing and wall grazing. Designed with modular CLiP[®] (Configurable Lighting Platform), C6C provides multiple optics, power & dimming options to suit multiple application requirements.

CONSTRUCTION

- Aluminum housing/heat sink in light gray with matching injection molded plastic optics holder
- Available in section lengths of 1ft, 2ft or 4ft sections joinable for extended linear runs.
- Connect multiple 1 footers together to make serpentine curves and bends.
- Housings clip into fixed mounting brackets or adjustable angle brackets that rotate up to 90°
- Fully compliant with NEC Article 400
- CSA damp location listed

OPTICS / LENS / DIFFUSER

- UV stabilized polycarbonate lens
- Optics Options:
10°x10° / 10°x30° / 10°x60° / 15°x35° / 25°x25°
25°x45° / 25°x75° / 40°x60° / 55°x25° / 120°x120°
Asymmetric
- Optional Asymmetric, Symmetric or Honeycomb Louvers made of high impact, UV stabilized, non-corrosive textured polycarbonate

POWER SYSTEM

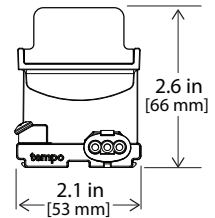
- 12w, 9w & 5w per foot integral drivers. 5w/ft meets ASHRAE standards for linear lighting.
- Universal 120V-277V Input
- ELV or Triac dimming to 1% (120V)
- 0-10V dimming with tempo Dimming Interface Module (DIM-Z)

PERFORMANCE

- Operating temperature range of -20°C to 50°C
- Power Supply Total Harmonic Distortion <20%, Power Factor >0.9

LIGHT CHARACTERISTICS

- Typical CRI of 80+ in 2700K to 5000K; plus static Red, Green & Blue.
- 90+ CRI option available with 2700K, 3000K and 3500K.
- LED's are selected and placed on the printed circuit boards via Tempo Industries' UniBin[®] process which ensures consistent hue and color within the entire installation. Color variations are held to a minimum, within a 2-step MacAdam ellipse.



Buy Tempo
Buy American

MADE IN
USA
OF US AND IMPORTED COMPONENTS

WARRANTY

Tempo provides a 5-year limited warranty.

86,000 HOURS

L85 LUMEN MAINTENANCE

LED Luminaires will reach 85% of initial lumen output at or beyond 86,000 hours at 25°C.



PERFORMANCE SUMMARY All data nominal. 3500K test data shown.

	10° x 10°			10° x 30°			10° x 60°			15° x 35°			25° x 25°			25° x 45°		
Watts/ft	5	9	12	5	9	12	5	9	12	5	9	12	5	9	12	5	9	12
Lumens/ft	440	976	1,374	411	911	1,284	405	900	1,267	344	718	1,002	336	810	1108	314	761	978
Lumens/Watt	115	119	112	107	111	104	105	109	103	89	87	82	87	98	90	82	93	80

	25° x 75°			40° x 60°			55° x 25°			120° x 120°			ASYM		
Watts/ft	5	9	12	5	9	12	5	9	12	5	9	12	5	9	12
Lumens/ft	293	706	918	352	718	946	305	744	966	317	648	867	339	712	940
Lumens/Watt	76	86	75	91	87	77	79	91	79	82	79	71	88	87	76

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ORDERING INFORMATION

C6C		UNV	ET					
Series	Optic	Voltage	Dimming	Watts/Foot	Color Temp	Finish	Fixture Length	
CLiP 6	10X10 10X30 10X60 15X35 25X25 25X45 25X75 40X60 55X25 120X120 ASY	UNV 120-277V	ET ELV or Triac Dim to 1% (120V)	12 12W 9 9W 5* 5W*	27 2700K (CRI 80+) 30 3000K (CRI 80+) 35 3500K (CRI 80+) 40 4000K (CRI 80+) 50 5000K (CRI 80+) RD Red GR Green BL Blue 27H 2700K (High CRI 90+) 30H 3000K (High CRI 90+) 35H 3500K (High CRI 90+)	LG Light Gray	1 1 foot 2 2 foot 4 4 foot	

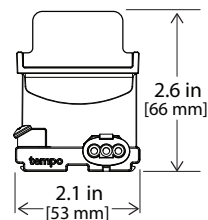
* 5W/ft meets ASHRAE standards for linear lighting.

SYSTEM INTEGRATION ACCESSORIES

SURGE SUPPRESSION DEVICE Tempo furnished surge suppression device must be installed on each supplying branch circuit to comply with 5-year warranty.		
SSD-120	120V Branch Circuit	
SSD-277	277V Branch Circuit	
DIMMING INTERFACE MODULE (DIM-Z) 600W max at 120V and 1350W max at 277v. See tempollc.com for full specifications.		
DIM-Z	Dimming Interface Module converts 0-10V dimming signals to ELV Dimming output, 120 - 277 Universal Line Voltage. DIM-Z used with the ET driver limits dimming to 1%.	
POWER FEED CABLES Additional lengths available, contact factory		
PFC6-F-36	Female connector, 36 inches	
JUMPER FEED CABLES Additional lengths available, contact factory		
JFC6-FM-12	Female/Male connector, 12 inches	
JFC6-FM-18	Female/Male connector, 18 inches	
JFC6-FM-24	Female/Male connector, 24 inches	
MOUNTING HARDWARE		
C6A-MC	Stainless Steel Surface Mount Clips for up lighting applications only, (set of 12). Max spacing 18"	
C6A-IMB	Stainless Steel Inverted Mounting Bracket for down light & wall mount, (set of 12). Max spacing 18"	
C6A-MTGBRKT-1020	Plastic Mounting Bracket with 10° or 20° angle (set of 12). Max spacing 18"	
ROT-MTGBRK-C6/C6RX-NA	Cast Aluminum 100° Rotational Mounting Bracket (set of 2). Minimum of 2 required per section.	
GLARE CONTROL		
GS-C6C-A-BK	1 foot Asymmetric Louver, Black	
GS-C6C-S-BK	1 foot Symmetric Louver, Black	
GS-C6C-H-BK	1 foot Honeycomb Louver, Black	

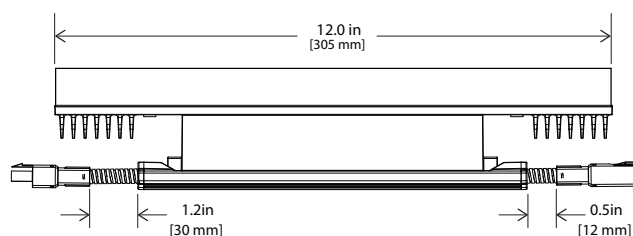
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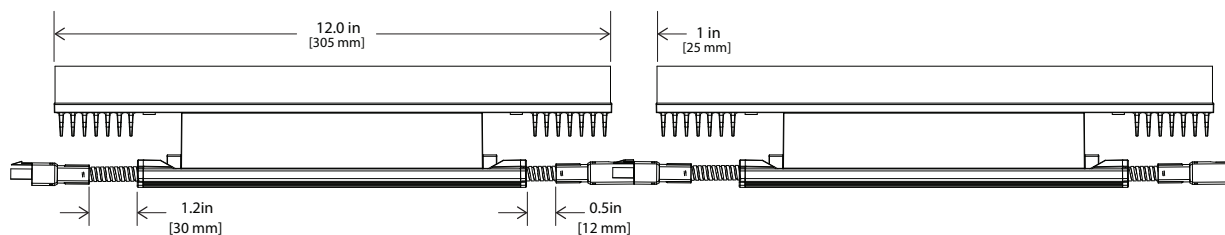


DIMENSIONAL INFORMATION

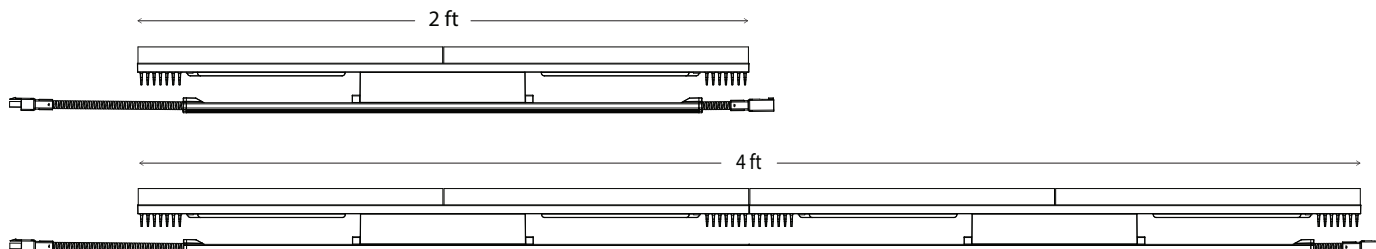
C6C 1FT



C6C 1FT CONNECTED SERPENTINE RUNS



C6C 2FT & 4FT

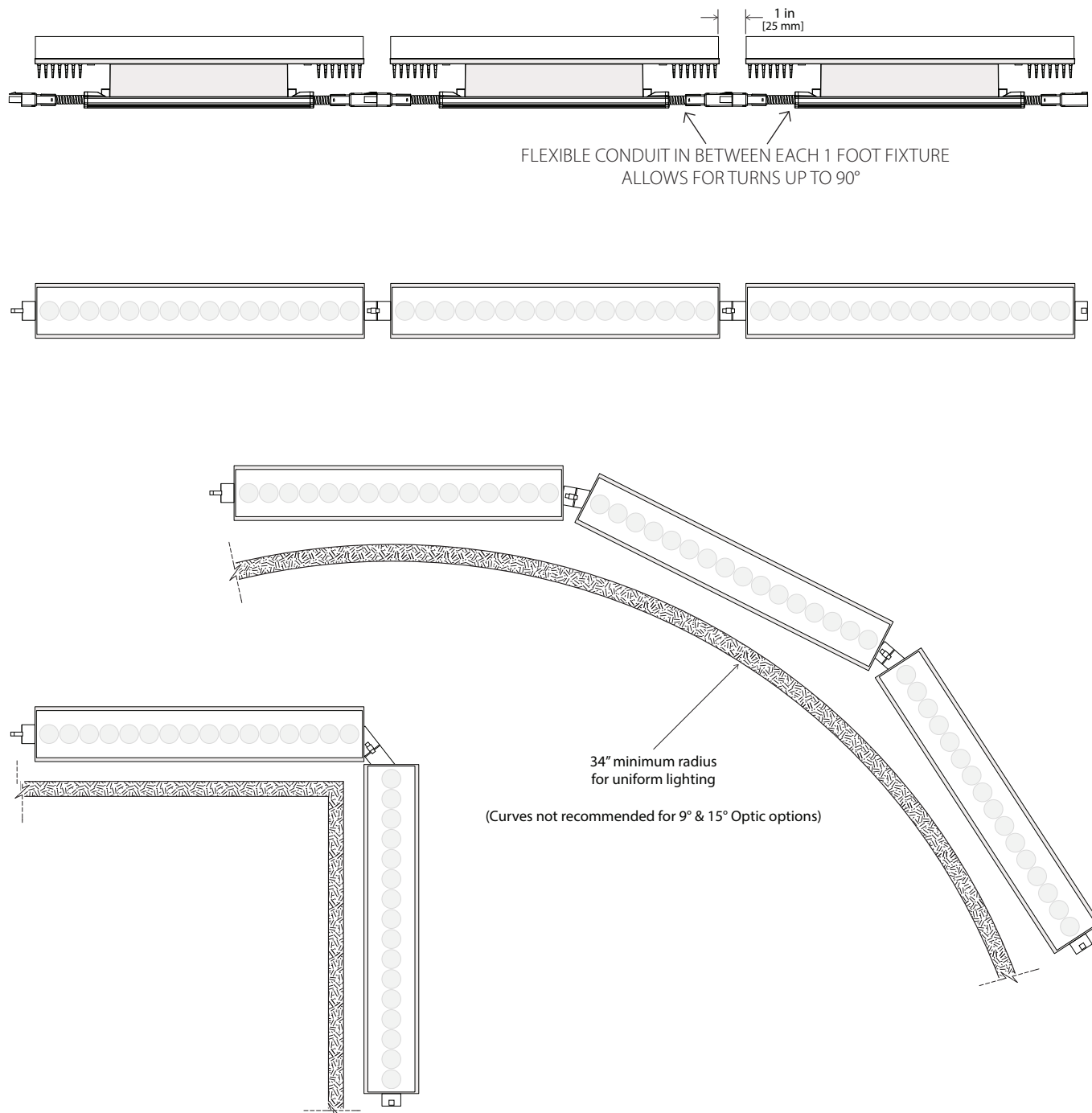


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INTERIOR LED LINEAR LIGHTING, HIGH LUMEN

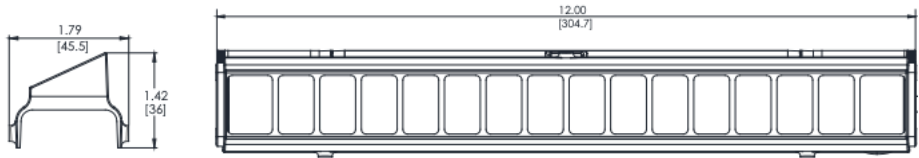
INTEGRAL POWER SYSTEM

SERPENTINE CURVES & BENDS WITH 1 FOOT C6C

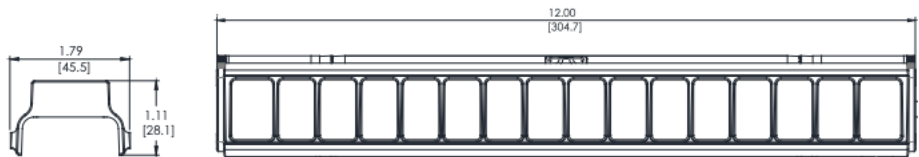


LOUVERS

ASYMMETRICAL LOUVER (GS-C6C-A-BK)



SYMMETRICAL LOUVER (GS-C6C-S-BK)



HONEYCOMB LOUVER (GS-C6C-H-BK)



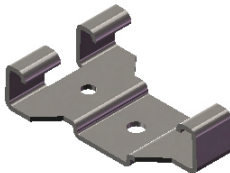
MOUNTING HARDWARE

SURFACE MOUNT CLIP (C6A-MC)
FOR UPLIGHT APPLICATIONS ONLY



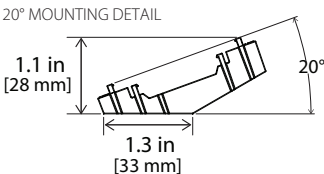
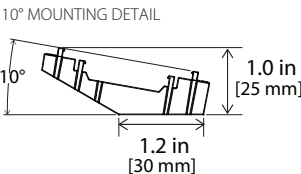
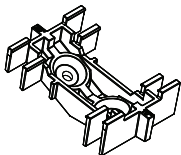
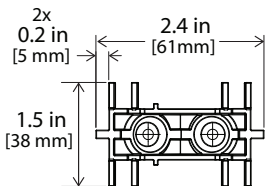
2.0"(l) x 1.0"(w) x 0.2"(h)

INVERTED MOUNTING BRACKET (C6A-IMB)
EXTRA SUPPORT FOR DOWN LIGHT & SIDE MOUNT APPLICATIONS



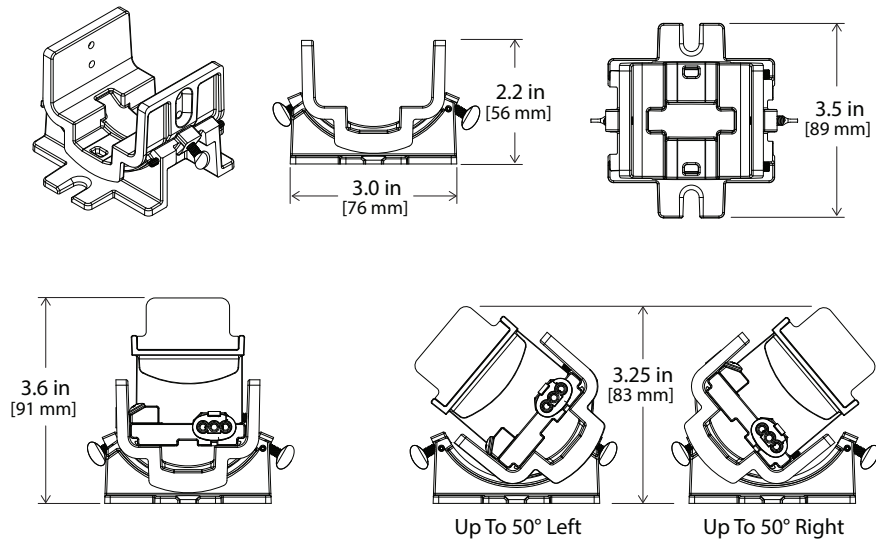
2.25"(l) x 1.6"(w) x 0.7"(h)

10° OR 20° ANGLE MOUNTING BRACKET (C6A-MTGBRKT-1020)

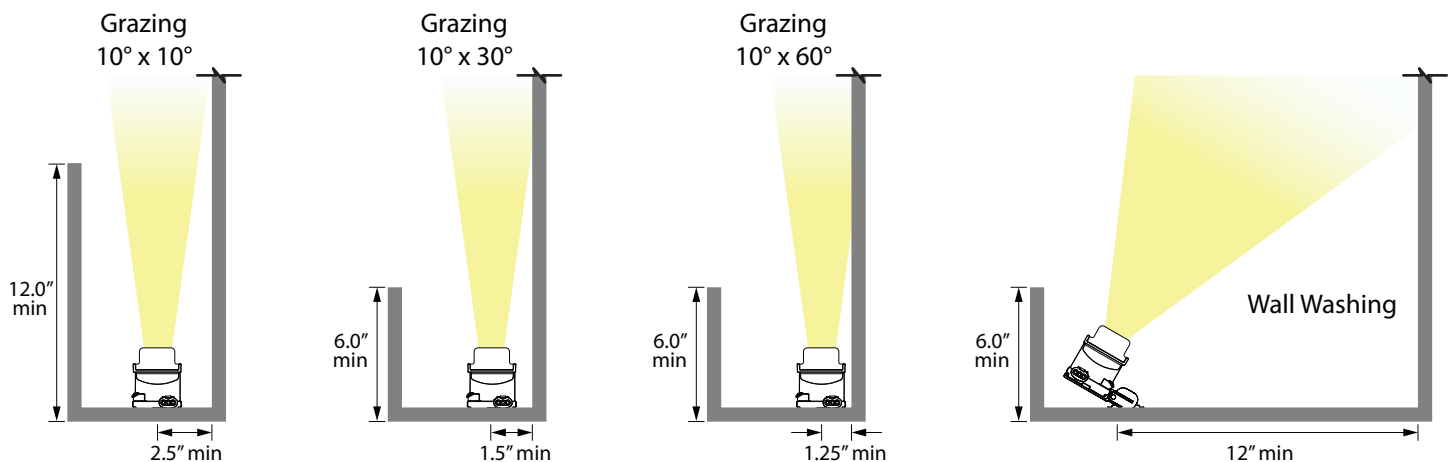


MOUNTING HARDWARE

100° (50° L / 50° R) ROTATIONAL MOUNTING BRACKET (ROT-MTGBRK-C6/C6RX-NA)



INSTALLATION GUIDELINES



WALL GRAZING

10° wall graze optics are specifically designed to highlight rough architectural surfaces and textures such as stone and brick. The narrow optic will highlight raised features while creating shadows in recessed features. Do not graze smooth surfaces as the narrow optical distributions are not designed for this. Smooth surfaces require wall washing.

Graze fixtures should be mounted at least the set back distances called out in the diagrams above. Some surfaces with deep architectural details or textures may require even greater set back distances.

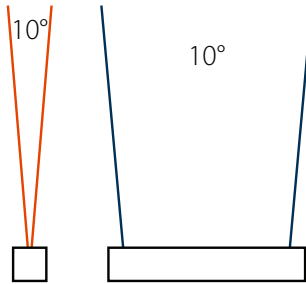
Above diagrams also call out the recessed depth which helps hide the fixtures and at same time optimize the consistency of illumination with reflective light inside the recessed area. If recessed area is bare wood or metal they tend to reflect the color of the wood or metal onto the illuminated surface with bad results. Therefore white base paint is recommended for interior of recessed area.

WALL WASHING

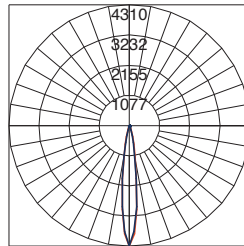
Wall washing is a lighting effect that eliminates shadows on a wall and enhances the smoothness of a wall. Also used to highlight architectural feature such as sculptures, wall hangings, and more. Washing is an easy way to create dramatic effects in any space and also makes the space feel larger by emphasizing vertical surfaces.

Set back distances will vary depending on the application and desired optic. The above diagram is general reference only and set back distances as much as 4 feet may be required for surfaces above 10 feet high. Aiming is essential part of wall washing and Tempo has multiple mounting options for aiming such as the all new 100° rotational mounting bracket (ROT-MTGBRK-C6/C6RX-NA).

10° x 10°

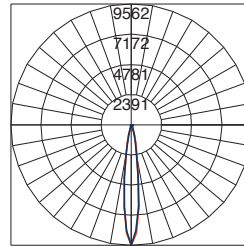


Polar Candela Distribution
C6C; 3500K; 5W/ft; 10° x 10°



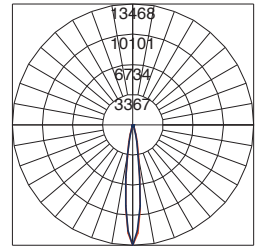
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; 10° x 10°



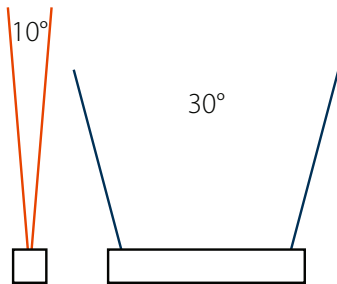
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 10° x 10°

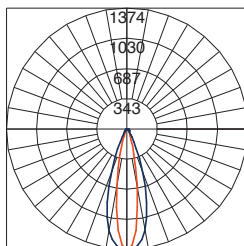


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

10° x 30°

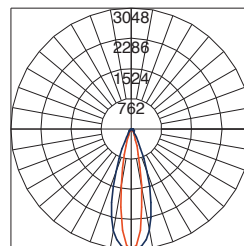


Polar Candela Distribution
C6C; 3500K; 5W/ft; 10° x 30°



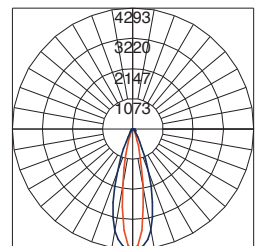
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Polar Candela Distribution
C6C; 3500K; 9W/ft; 10° x 30°



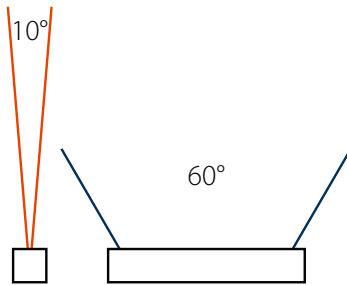
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 10° x 30°

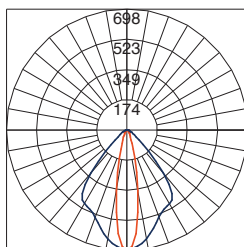


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

10° x 60°

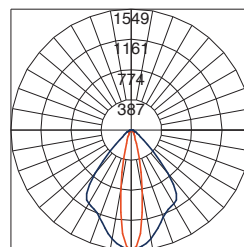


Polar Candela Distribution
C6C; 3500K; 5W/ft; 10° x 60°



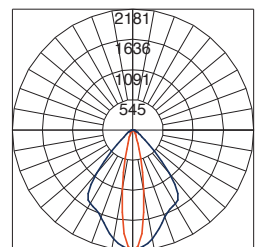
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; 10° x 60°



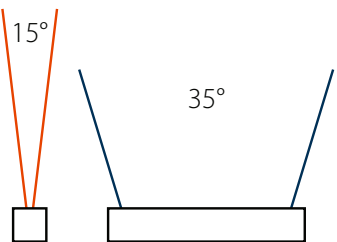
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 10° x 60°

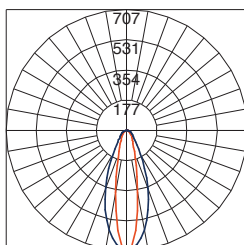


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

15° x 35°

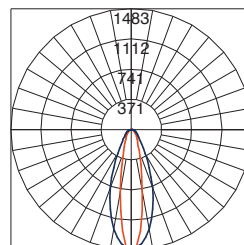


Polar Candela Distribution
C6C; 3500K; 5W/ft; 15° x 35°



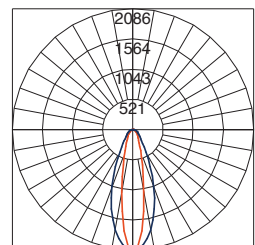
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; 15° x 35°



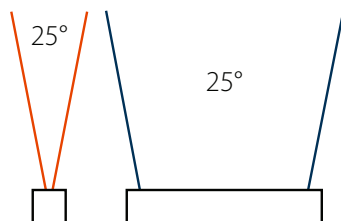
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 15° x 35°

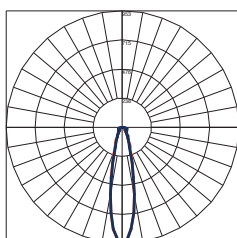


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

25° x 25°

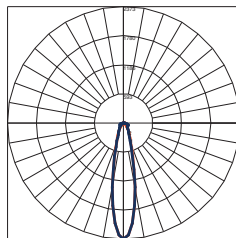


Polar Candela Distribution
C6C; 3500K; 5W/ft; 25° x 25°



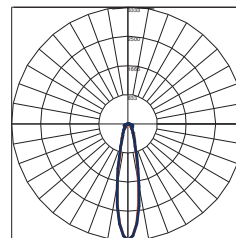
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Polar Candela Distribution
C6C; 3500K; 9W/ft; 25° x 25°



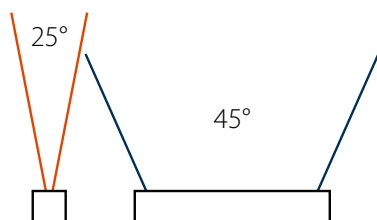
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 25° x 25°

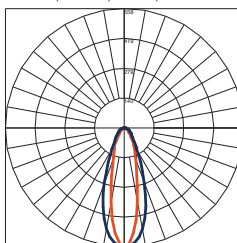


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

25° x 45°

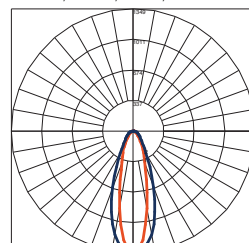


Polar Candela Distribution
C6C; 3500K; 5W/ft; 25° x 45°



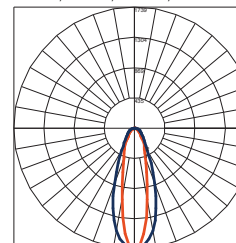
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; 25° x 45°



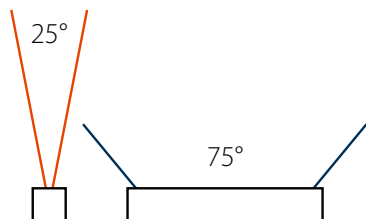
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 25° x 45°

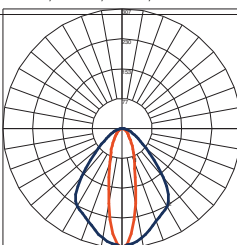


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

25° x 75°

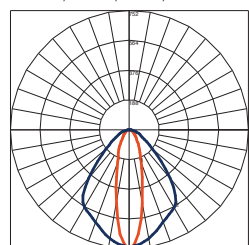


Polar Candela Distribution
C6C; 3500K; 5W/ft; 25° x 75°



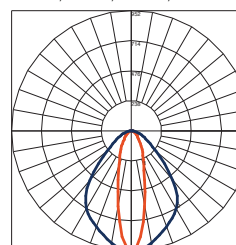
■ V Plane thru H Angles (0 - 180)
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Polar Candela Distribution
C6C; 3500K; 9W/ft; 25° x 75°



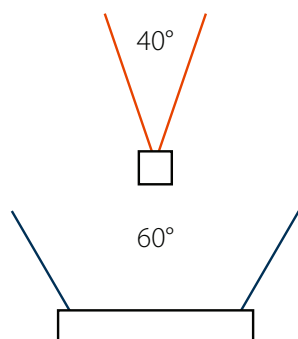
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 25° x 75°

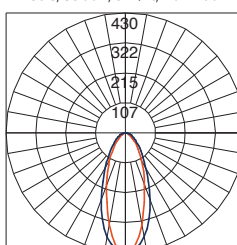


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

40° x 60°

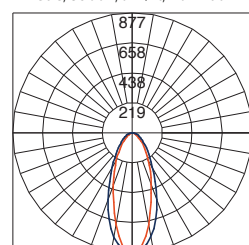


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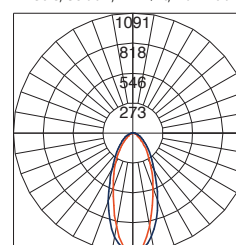
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; 40° x 60°



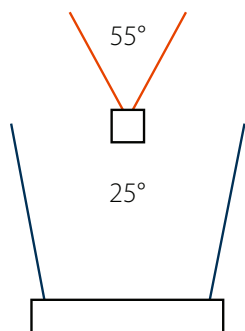
■ V Plane thru H Angles (0 - 180)
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Polar Candela Distribution
C6C; 3500K; 12W/ft; 40° x 60°

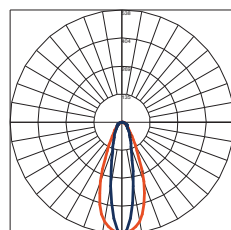


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

55° x 25°

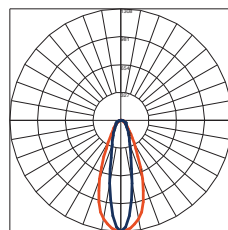


Polar Candela Distribution
C6C; 3500K; 5W/ft; 55° x 25°



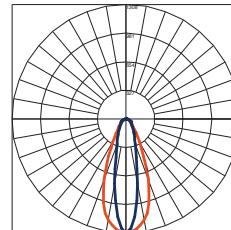
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; 55° x 25°



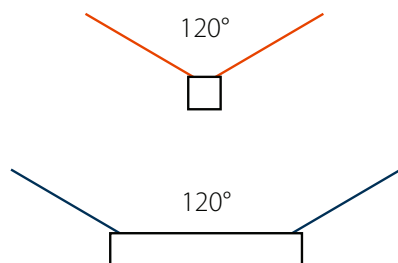
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 55° x 25°

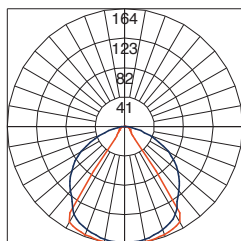


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

120° x 120°

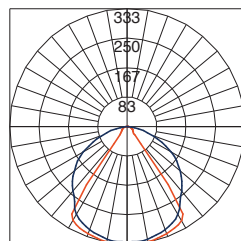


Polar Candela Distribution
C6C; 3500K; 5W/ft; 120° x 120°



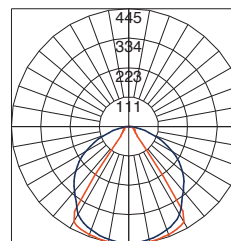
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; 120° x 120°



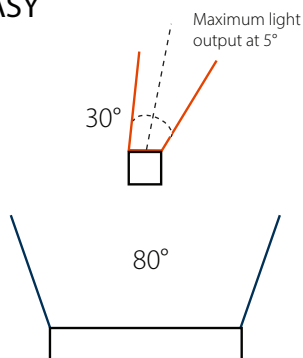
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; 120° x 120°

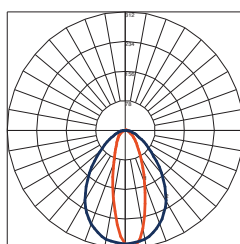


■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

ASY

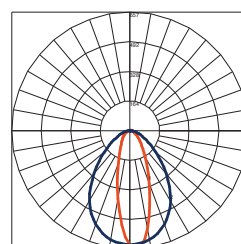


Polar Candela Distribution
C6C; 3500K; 5W/ft; ASYM



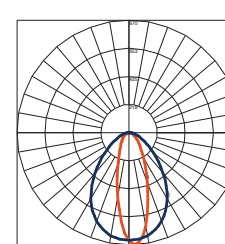
■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 9W/ft; ASYM



■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

Polar Candela Distribution
C6C; 3500K; 12W/ft; ASYM



■ V Plane thru H Angles (0 - 180)
■ V Plane thru H Angles (90 - 270)

