

JWP-FC-CPS-HE SERIES

HIGH LUMEN EFFICACY

CCT AND POWER SELECTABLE

FULL CUT-OFF LED WALL PACK

PRODUCT DESCRIPTION

Introducing our JWP-FC-CPS-HE SERIES of LED Architectural Wall Packs, the ultimate solution for indoor or outdoor lighting needs, even in wet locations. Versatile and robust, it's perfect for illuminating museums, art galleries, shopping malls, office buildings, walls, and more.

Featuring high luminous efficiency and an extended working life, our LED Wall Pack ensures optimal performance and durability. Its high-efficiency LED Driver supports a wide input voltage range of AC120-277V / 277-480V, guaranteeing compatibility in various settings. Crafted with a die-cast aluminum cooling design, it effectively maintains LED temperature below 85°C, ensuring longevity and reliability.

The innovative optics design enhances light utilization and distribution, delivering uniform illumination across spaces. Additionally, optional features like Photocell, Wireless Bluetooth system, and Motion sensor control provide customizable functionality. With continuous 1-10V Dimming and a high-performance die-cast heat sink, this series efficiently dissipates heat, extending LED lifespan and ensuring consistent performance over time.

STANDARD FEATURES

Construction and Materials

- Die-cast Aluminum Cooling Design (Dark Bronze Standard)

Optical System

- Very Wide Beam Angle: Type V (100.4° x 91.6°)

Electrical System

- Power Selectable: **30W** (30W/24W/18W/12W)
- 70W** (70W/56W/42W/28W)
- 120W** (120W/96W/72W/48W)
- Input Voltage: 120-277VAC / 277-480VAC
- Efficacy: 140 lm/W on average
- Power Factor: >0.9
- CRI: ≥70
- Operating Temp: -30°C to 45°C (-22°F to 133°F)
- Total Harmonic Distortion: <15%
- Integral Surge Protection: 6kV Surge Protection Standard

Dimming and Controls

- 1-10V Continuous Dimming Standard

Certifications and Compliance

- UL Listed for Wet Locations
- RoHS compliant
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated Emissions
- Complies with Dark Sky Requirements

Lifetime Based on TM21: L70 ≥ 187,000 / L80 ≥ 162,000 / L90 ≥ 100,000 Hrs

OPTIONAL FEATURES

- Bi-level Microwave Occupancy/Motion Sensor
- Bluetooth Wireless Network Control Lighting System
- 4W and 8W Emergency Battery Pack Options
- White, Black, and Silver Housing Color Options (Special Order)



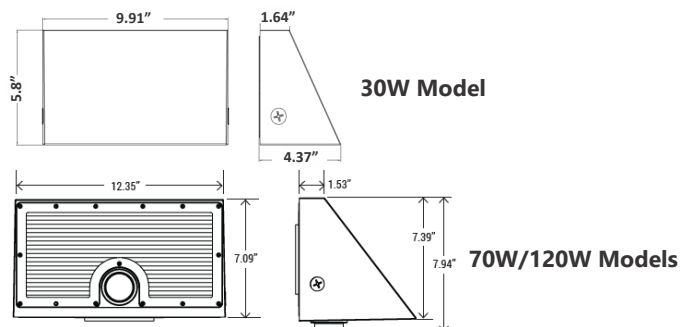
SILVAIR
CASAMBI
SYNAPSE
CONTROLS



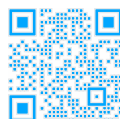
PERFORMANCE SUMMARY

Selectable Power:	30W (30W/24W/18W/12W) 70W (70W/56W/42W/28W) 120W (120W/96W/72W/48W)
Efficacy:	140 lm/W
CCT:	Selectable: 3000K / 4000K / 5000K
CRI:	>70
Input Voltage:	120-277VAC / 277-480VAC
Dimming:	1-10VDC Dimming Standard
Controls Optional:	Photocell Standard / Bi-Level Microwave Occupancy/Motion Sensor
Construction:	Die-cast Aluminum Cooling Design
Surge Protection:	6kV
EPA:	30W: 0.40 sq. ft. / 70W & 120W: 0.77 sq. ft.
Ingress Protection:	Wet Location
Lifetime Based on TM21:	L70 @ ≥ 187,000 L80 @ ≥ 162,000 / L90 @ ≥ 100,000 Hrs
Warranty:	5 Years
B.U.G Rating:	0 - 0 - 19

PRODUCT DIMENSIONS



Quotations: quotes@jademar.com
To place an order: orders@jademar.com
Tel: (305) 640.0465 | Fax: (305) 640.0468
WWW.JADEMAR.COM



Information contained herein is subject to change without notice.
Revised 02/2025

PROJECT NAME: _____

MODEL NUMBER: _____

DATE: _____

JWP-FC-CPS-HE SERIES HIGH LUMEN EFFICACY CCT & POWER SELECTABLE FULL CUT-OFF LED WALL PACK

ORDERING INFORMATION / EXAMPLE: **JWP-FC-CPS-30W-PC-BMWO-BZ-EM4-BAA**

JWP-FC-CPS-HE					PC
Product Series	Selectable Wattage		Input Voltage		Photocell Options
JWP-FC-CPS-HE	30W	30W/24W/18W/12W	Blank	120-277V (Standard)	PC Photocell 120-277V (Standard)
	70W	70W/56W/42W/28W	Blank	120-277V (Standard)	
	120W	120W/96W/72W/48W	H	277-480VAC	
					Selectable CCT
					Blank 3000K/4000K/5000K*
					*4000K/5000K for 120W
					Dimming
					Blank 1-10V Dimming

				BAA
Controls Options		Light Distribution		Finish/Housing Color
Blank	No Controls	Blank	Type IV (Standard)	BZ Bronze RAL#8019 (Standard)
BMWO	Factory standard setting for this sensor options with this luminaire is: 50% dim, 20 minutes delay –Never turn off.* (Must be combined with photocell or daylight sensor for luminaire to turn of when sun rises) For different factory settings, description must be noted on the order	T3	Type III	WH White RAL#9010*
BMWO-BT	Factory setting for this sensor options is: 50% dim, 20 minutes delay then off. For different factory settings, description must be noted on the order (Bluetooth Ready Fixture Integrated)	T5	Type V	BK Black RAL#9005*
SYNC-NLC	Synapse Wireless Lighting Control System			SV Silver RAL#7001*
CB-NLC	CASAMBI Wireless Lighting Control System			CC *Special Order Custom Color
SR-NLC	Silvair Wireless Lighting Control System			
				EM Pack Option
				EM4 4W EM Pack
				*For 30W only
				EM8 8W EM Pack
				*For 70W only
				EM15 15W EM Pack
				*For 120W only
				EM20 20W EM Pack
				*For 120W only
				Other Options
				BAA Buy American Act*
				*Selected SKUs Only

FIELD INSTALLED OPTIONS

Model Number	Description
BMWO-RC	Remote Control for Motion Sensor



BMWO-RC



BMWO



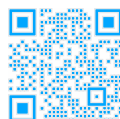
Bluetooth
BT-BMWO



8W EM PACK

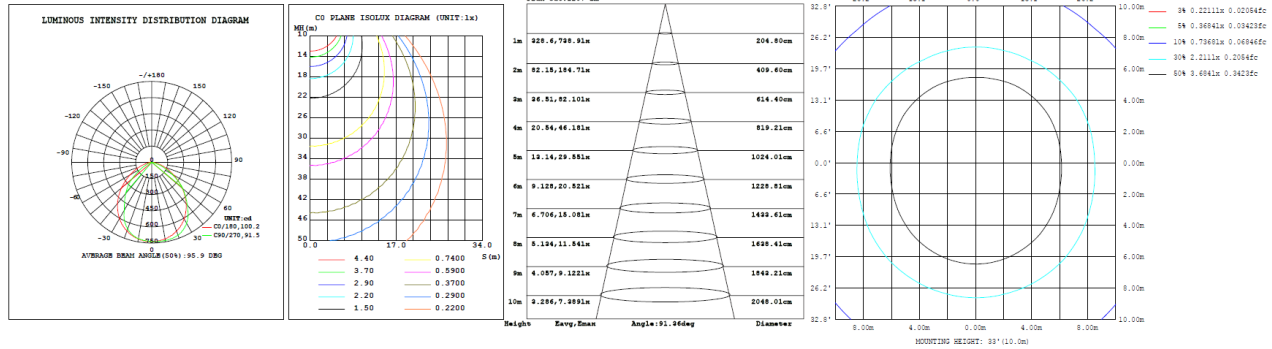
LUMEN PERFORMANCE AND ELECTRICAL DATA

CCT	30W		24W		18W		12W		Light Distribution	EPA	CRI	Input Voltage	Power Factor
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy					
3000K	3,688	125	3,055	130	2,411	136	1,675	140	100.4° X 91.6° (Type V Standard)	0.40 sq. ft.			
4000K	3,779	132	3,102	136	2,413	140	1,663	142					
5000K	3,548	120	2,926	125	2,291	130	1,603	134					
CCT	70W		56W		42W		28W		94.3° X 76.8° (Type IV Standard, Type III and Type V optional) <th rowspan="6">0.77 sq. ft. <th rowspan="6">≥70</th> <th rowspan="6">120-277VAC 277-480VAC</th> <th rowspan="6">>0.9</th> </th>	0.77 sq. ft. <th rowspan="6">≥70</th> <th rowspan="6">120-277VAC 277-480VAC</th> <th rowspan="6">>0.9</th>	≥70	120-277VAC 277-480VAC	>0.9
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy					
3000K	11,046	168	8,813	158	6,978	163	5,159	168					
4000K	11,156	170	8,901	160	7,048	165	5,211	170					
5000K	11,268	172	8,990	162	7,118	167	5,263	172					
CCT	120W		96W		72W		48W						
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy					
4000K	17,148	160	14,447	160	11,257	165	7,759	170					
5000K	17,319	162	14,591	162	11,370	167	7,837	172					

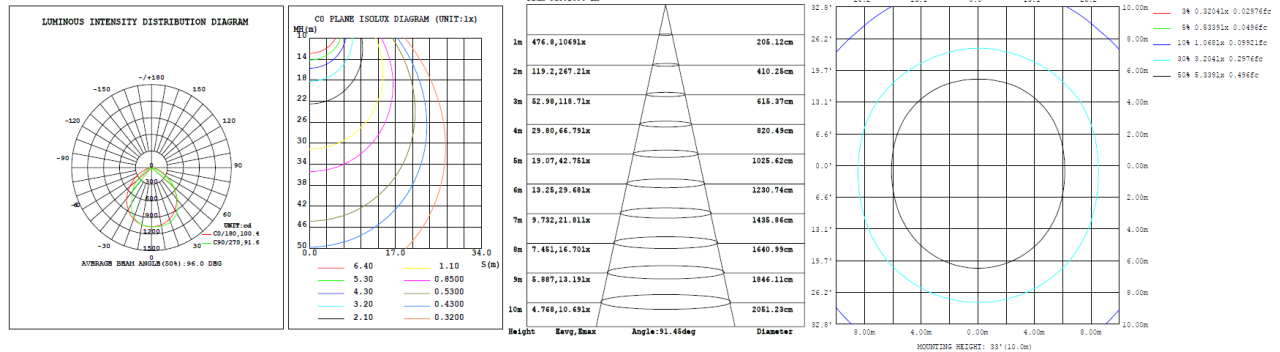


PHOTOMETRY

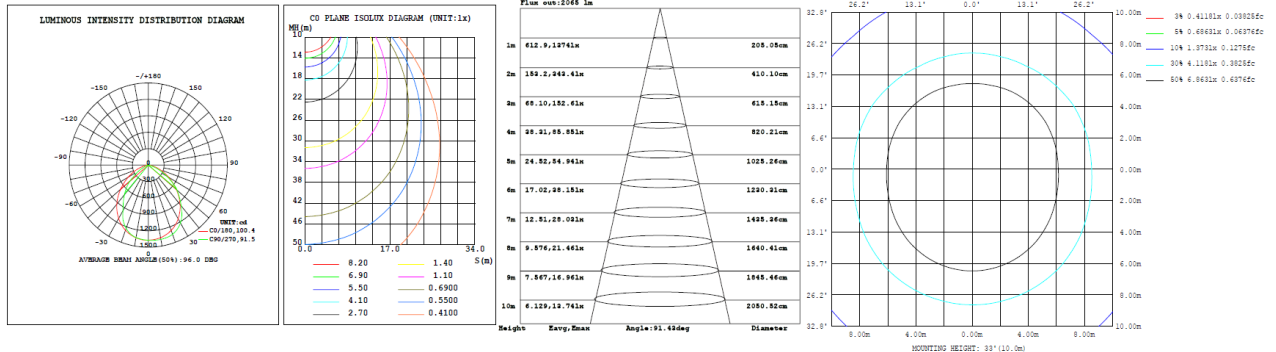
JWP-FC-CPS-HE-12W @ 4000K - AVERAGE BEAM ANGLE (50%): 95.9°



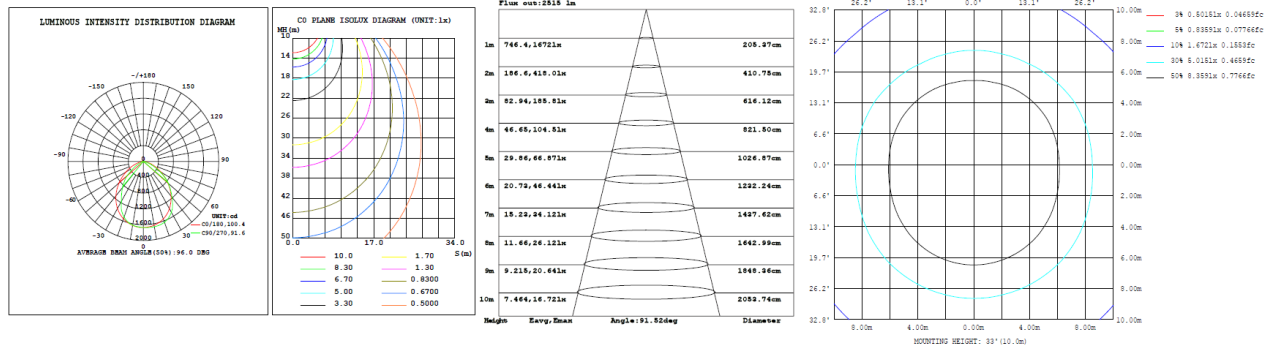
JWP-FC-CPS-HE-18W @ 4000K - AVERAGE BEAM ANGLE (50%): 96.0°



JWP-FC-CPS-HE-24W @ 4000K - AVERAGE BEAM ANGLE (50%): 96.0°



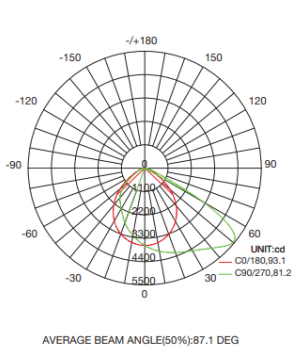
JWP-FC-CPS-HE-30W @ 4000K - AVERAGE BEAM ANGLE (50%): 96.0°



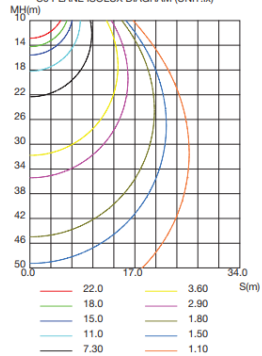
PHOTOMETRY

JWP-FC-CPS-HE-70W @ 5000K - AVERAGE BEAM ANGLE (50%): 87.1°

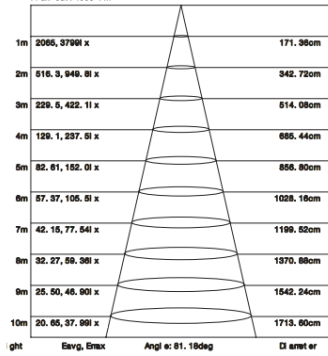
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



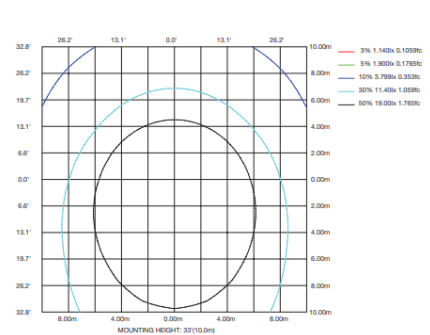
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 4903 l m

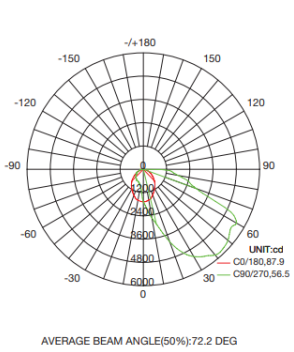


ISOLUX DIAGRAM

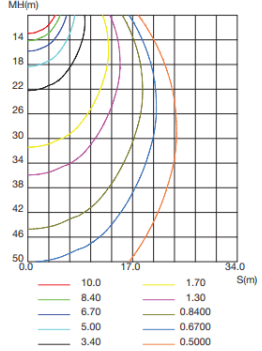


JWP-FC-CPS-HE-70W @ 5000K - AVERAGE BEAM ANGLE (50%): 72.2°

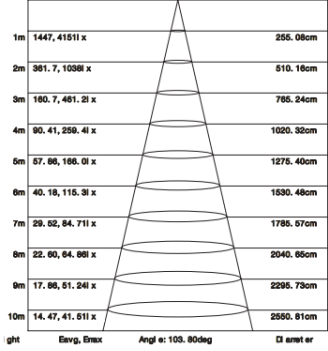
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



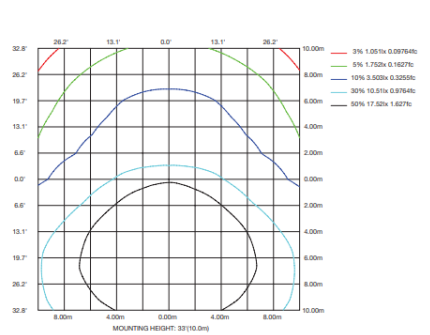
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 7445 l m

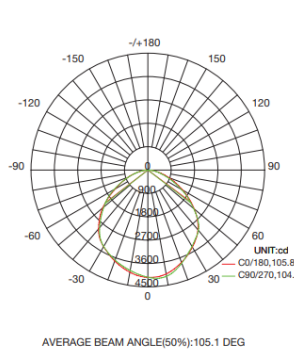


ISOLUX DIAGRAM

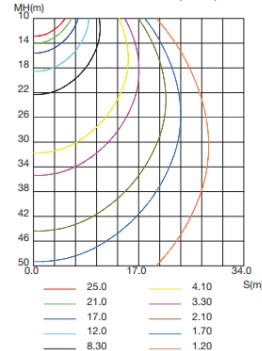


JWP-FC-CPS-HE-70W @ 5000K - AVERAGE BEAM ANGLE (50%): 105.1°

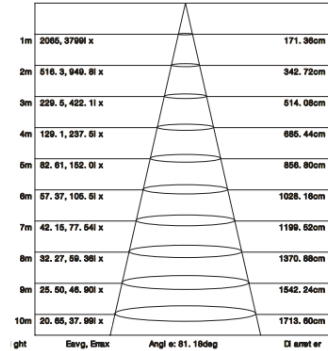
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



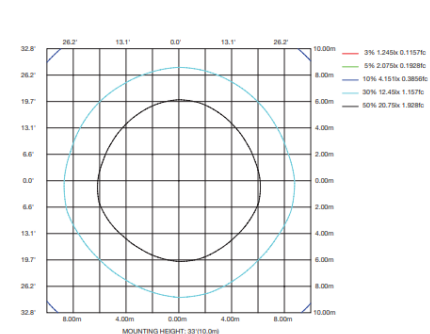
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 4903 l m



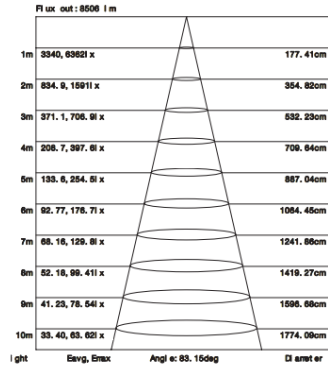
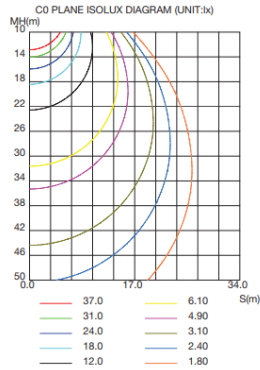
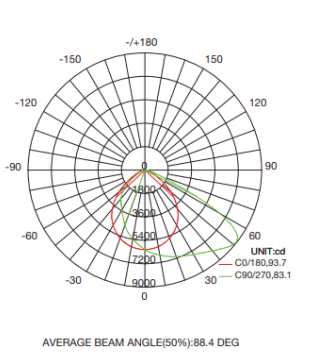
ISOLUX DIAGRAM



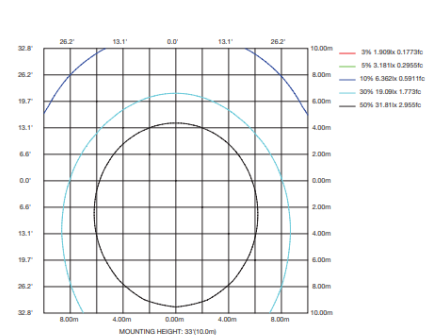
PHOTOMETRY

JWP-FC-CPS-HE-120W @ 5000K - AVERAGE BEAM ANGLE (50%): 88.4°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

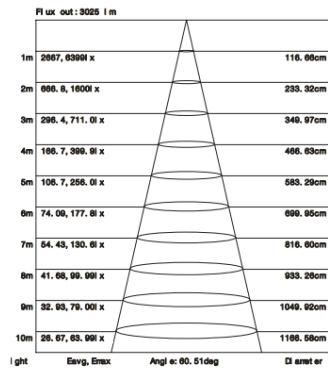
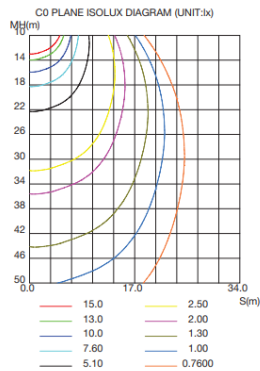
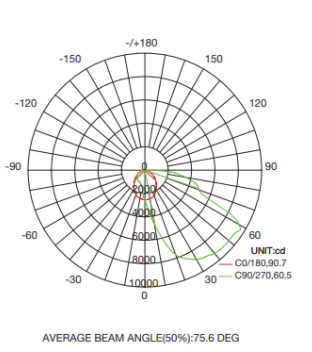


ISOLUX DIAGRAM

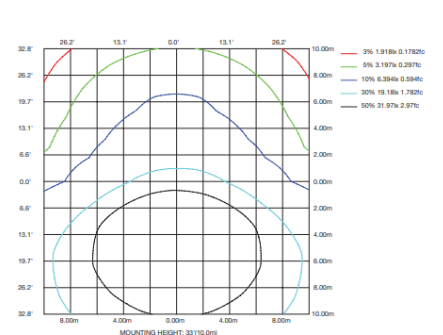


JWP-FC-CPS-HE-120W @ 5000K - AVERAGE BEAM ANGLE (50%): 75.6°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

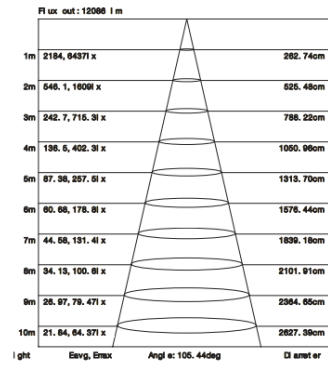
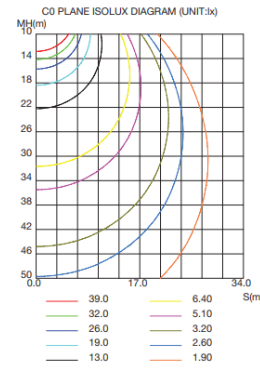
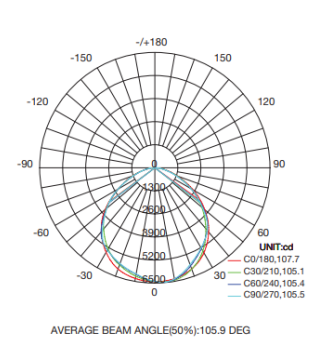


ISOLUX DIAGRAM



JWP-FC-CPS-HE-120W @ 5000K - AVERAGE BEAM ANGLE (50%): 105.9°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



ISOLUX DIAGRAM

