

Project _____

Schedule _____

Date _____

Notes _____

DESCRIPTION

Our naturaLED[®] Slim Area Light is constructed with a durable, die-cast aluminum housing and excellent thermal design and is the perfect lighting solution for your parking lot, street, walkway, building flood up/down light and/or as a sign lighter. It provides uniform, consistent color with a wide range of wattage selections to replace from 50W to 1500W HID fixtures. Our fixtures are DLC Premium certified and IP65 rated with five types of mounting options available: Swivel Bracket, Slip Fitter, Yoke, 6" Extruded Arm and Pendant Mount. Compatible integrated autonomous and photocell motion sensors are available as options to address your needs. Energy savings can be as much as 85% while eliminating maintenance costs in labor and lamp and ballast replacement.



FEATURES

- DLC Premium
- IP65 Rated
- Select Binning for Color Consistency
- Aluminum Die-cast Housing
- Finish: Epoxy Powder Coat
- Input line voltage: 120-277 / 277-480
- Dimmable: 1-10V
- L90-100,000 hours rated chips
- Surge Protection:
 - 29W: 4KV
 - 150W: 10KV
 - 50/70/100/180/240/360W: 12KV
- Powerfactor >0.9
- Uniform and Consistent color
- Optimized Thermal Design
- Minimize Glare
- Available in Type 3, Type 4, Type 5 Light Distribution
- Operating temperature: -40°F ~ 122°F

ACCESSORIES

- Slip Fitter
- Swivel Bracket
- 6" Extended Arm
- Dual Pendant Mount
- Wall Mount
- Yoke Mount

APPLICATIONS

- Parking Lot Lighting
- Street Lighting
- Site Lighting
- Streetscape Lighting
- Area Lighting

COLORS



WARRANTY

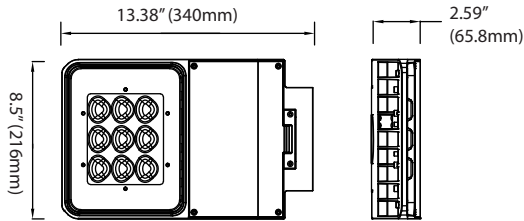
- Extended 10 year limited warranty available. Contact your sales rep for more information

Ordering Information		EXAMPLE: LED-FXSAL180/40K/DB/3S/480																	
LED	FX	SAL	180	40K	DB	3S	480	MOUNTINGS		ACCESSORIES									
LED	Category FX Fixture	Series SAL Slim Area Light	Wattage 180 180 Watt	CCT 40K 4000K	Color DB Dark Bronze	Lens 3S Type 3	Voltage 480 277-480 V	SF Slip Fitter	SB Swivel Bracket	EA6 6" Extruded Arm	DPB Dual Pendant Box	YK Yoke Mount	WM Wall Mount	PLT/9 Plate w/ Control	PLT Plate w/ Motion	100BA480 Plate w/ Step Down	REC Receptacle	LENS Lens (Type IV, V)	GSB/GSF Glare Shield

SPECIFICATIONS

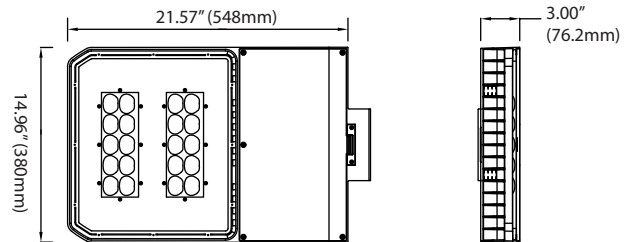
29W~100W

Weight: 29W: 6-lbs
 50W: 6-lbs
 75W: 6-lbs
 100W: 6-lbs



150W~360W

Weight: 150W: 22-lbs
 180W: 23.6-lbs
 240W: 24.5-lbs
 360W: 25.5-lbs



ORDERING

Watts (W)	Ordering Code	Description	Color Temp (K)	Lumens (lm)	Equiv. Wattage (W)	Voltage	Beam Angle	Rated Hrs	Color	IP 65	DLC (P)
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Ordering Information (120-277V)

29	7616	LED-FXSAL29/40K/DB/3S	4000K	3,517	100-150	120-277	Type 3	50,000	D.Bronze	•	•
29	7617	LED-FXSAL29/50K/DB/3S	5000K	3,576	100-150	120-277	Type 3	50,000	D.Bronze	•	•
29	7618	LED-FXSAL29/40K/WH/3S	4000K	3,517	100-150	120-277	Type 3	50,000	White	•	•
29	7619	LED-FXSAL29/50K/WH/3S	5000K	3,576	100-150	120-277	Type 3	50,000	White	•	•
50	7620	LED-FXSAL50/40K/DB/3S	4000K	6,241	250	120-277	Type 3	50,000	D.Bronze	•	•
50	7621	LED-FXSAL50/50K/DB/3S	5000K	6,247	250	120-277	Type 3	50,000	D.Bronze	•	•
50	7622	LED-FXSAL50/40K/WH/3S	4000K	6,241	250	120-277	Type 3	50,000	White	•	•
50	7623	LED-FXSAL50/50K/WH/3S	5000K	6,247	250	120-277	Type 3	50,000	White	•	•
75	7752	LED-FXSAL75/30K/DB/3S	3000K	8,738	250-400	120-277	Type 3	50,000	D.Bronze	•	
75	7624	LED-FXSAL75/40K/DB/3S	4000K	8,738	250-400	120-277	Type 3	50,000	D.Bronze	•	•
75	7625	LED-FXSAL75/50K/DB/3S	5000K	9,011	250-400	120-277	Type 3	50,000	D.Bronze	•	•
75	7753	LED-FXSAL75/30K/WH/3S	3000K	8,738	250-400	120-277	Type3	50,000	White	•	
75	7626	LED-FXSAL75/40K/WH/3S	4000K	8,738	250-400	120-277	Type 3	50,000	White	•	•
75	7627	LED-FXSAL75/50K/WH/3S	5000K	9,011	250-400	120-277	Type 3	50,000	White	•	•
100	7754	LED-FXSAL100/30K/DB/3S	3000K	11,540	400	120-277	Type3	50,000	D.Bronze	•	
100	7628	LED-FXSAL100/40K/DB/3S	4000K	11,548	400	120-277	Type 3	50,000	D.Bronze	•	•
100	7629	LED-FXSAL100/50K/DB/3S	5000K	11,821	400	120-277	Type 3	50,000	D.Bronze	•	•
100	7755	LED-FXSAL100/30K/WH/3S	3000K	11,548	400	120-277	Type 3	50,000	White	•	
100	7630	LED-FXSAL100/40K/WH/3S	4000K	11,548	400	120-277	Type 3	50,000	White	•	•
100	7631	LED-FXSAL100/50K/WH/3S	5000K	11,821	400	120-277	Type 3	50,000	White	•	•

ORDERING (120-277V)

Watts (W)	Ordering Code	Description	Color Temp (K)	Lumens (lm)	Equiv. Wattage (W)	Voltage	Beam Angle	Rated Hrs	Color	IP 65	DLC (P)
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Ordering Information (120-277V)

150	7700	LED-FXSAL150/30K/DB/3S	3000K	20,187	400-575	120-277	Type 3	50,000	D. Bronze	•	
150	7701	LED-FXSAL150/30K/BK/3S	3000K	20,187	400-575	120-277	Type 3	50,000	Black	•	
150	7702	LED-FXSAL150/30K/WH/3S	3000K	20,187	400-575	120-277	Type 3	50,000	White	•	
150	7769	LED-FXSAL150/40K/DB/3S	4000K	20,000	400-575	120-277	Type 3	50,000	D.Bronze	•	•
150	7770	LED-FXSAL150/50K/DB/3S	5000K	20,000	400-575	120-277	Type 3	50,000	D.Bronze	•	•
150	9232	LED-FXSAL150/50K/WH/3S	5000K	20,604	400-575	120-277	Type 3	50,000	White	•	•
150	9234	LED-FXSAL150/50K/BK/3S	5000K	20,604	400-575	120-277	Type 3	50,000	Black	•	•
180	7746	LED-FXSAL180/30K/DB/3S	3000K	22,191	400-575	120-277	Type 3	50,000	D.Bronze	•	
180	7632	LED-FXSAL180/40K/DB/3S	4000K	22,191	400-575	120-277	Type 3	50,000	D.Bronze	•	•
180	7633	LED-FXSAL180/50K/DB/3S	5000K	22,743	400-575	120-277	Type 3	50,000	D.Bronze	•	•
180	7747	LED-FXSAL180/30K/WH/3S	3000K	22,191	400-575	120-277	Type 3	50,000	White	•	
180	7634	LED-FXSAL180/40K/WH/3S	4000K	22,191	400-575	120-277	Type 3	50,000	White	•	•
180	7635	LED-FXSAL180/50K/WH/3S	5000K	22,743	400-575	120-277	Type 3	50,000	White	•	•
240	7748	LED-FXSAL240/30K/DB/3S	3000K	29,794	750-1000	120-277	Type 3	50,000	D.Bronze	•	
240	7636	LED-FXSAL240/40K/DB/3S	4000K	29,794	750-1000	120-277	Type 3	50,000	D.Bronze	•	•
240	7637	LED-FXSAL240/50K/DB/3S	5000K	30,274	750-1000	120-277	Type 3	50,000	D.Bronze	•	•
240	7749	LED-FXSAL240/30K/WH/3S	3000K	29,794	750-1000	120-277	Type 3	50,000	White	•	
240	7638	LED-FXSAL240/40K/WH/3S	4000K	29,794	750-1000	120-277	Type 3	50,000	White	•	•
240	7639	LED-FXSAL240/50K/WH/3S	5000K	30,274	750-1000	120-277	Type 3	50,000	White	•	•
240	9210	LED-FXSAL240/50K/BK/3S	5000K	30,274	750-1000	120-277	Type 3	50,000	Black	•	•
360	7750	LED-FXSAL360/30K/DB/3S	3000K	44,796	1000-1500	120-277	Type 3	50,000	D.Bronze	•	
360	7640	LED-FXSAL360/40K/DB/3S	4000K	44,796	1000-1500	120-277	Type 3	50,000	D.Bronze	•	•
360	7641	LED-FXSAL360/50K/DB/3S	5000K	45,878	1000-1500	120-277	Type 3	50,000	D.Bronze	•	•
360	7751	LED-FXSAL360/30K/WH/3S	3000K	44,796	750-1000	120-277	Type 3	50,000	White	•	
360	7642	LED-FXSAL360/40K/WH/3S	4000K	44,796	1000-1500	120-277	Type 3	50,000	White	•	•
360	7643	LED-FXSAL360/50K/WH/3S	5000K	45,878	1000-1500	120-277	Type 3	50,000	White	•	•

Ordering Information (277-480V)

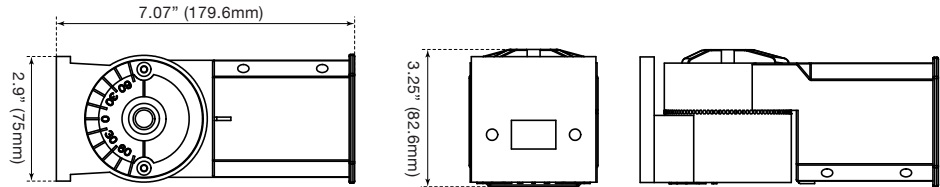
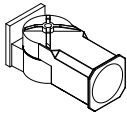
180	7724	LED-FXSAL180/40K/DB/3S/480	4000K	22,147	400-575W	277-480	Type 3	50,000	D.Bronze	•	•
180	7725	LED-FXSAL180/50K/DB/3S/480	5000K	22,717	400-575W	277-480	Type 3	50,000	D.Bronze	•	•
180	7726	LED-FXSAL180/40K/WH/3S/480	4000K	22,147	400-575W	277-480	Type 3	50,000	White	•	•
180	7727	LED-FXSAL180/50K/WH/3S/480	5000K	22,717	400-575W	277-480	Type 3	50,000	White	•	•
240	7728	LED-FXSAL240/40K/DB/3S/480	4000K	28,912	750-1000W	277-480	Type 3	50,000	D.Bronze	•	•
240	7729	LED-FXSAL240/50K/DB/3S/480	5000K	29,546	750-1000W	277-480	Type 3	50,000	D.Bronze	•	•
240	7730	LED-FXSAL240/40K/WH/3S/480	4000K	28,912	750-1000W	277-480	Type 3	50,000	White	•	•
240	7731	LED-FXSAL240/50K/WH/3S/480	5000K	29,546	750-1000W	277-480	Type 3	50,000	White	•	•
360	7732	LED-FXSAL360/40K/DB/3S/480	4000K	43,560	1000-1500W	277-480	Type 3	50,000	D.Bronze	•	•
360	7733	LED-FXSAL360/50K/DB/3S/480	5000K	44,405	1000-1500W	277-480	Type 3	50,000	D.Bronze	•	•
360	7734	LED-FXSAL360/40K/WH/3S/480	4000K	43,560	1000-1500W	277-480	Type 3	50,000	White	•	•
360	7735	LED-FXSAL360/50K/WH/3S/480	5000K	44,405	1000-1500W	277-480	Type 3	50,000	White	•	•

MOUNTING SPECIFICATIONS

SOLD SEPARATELY

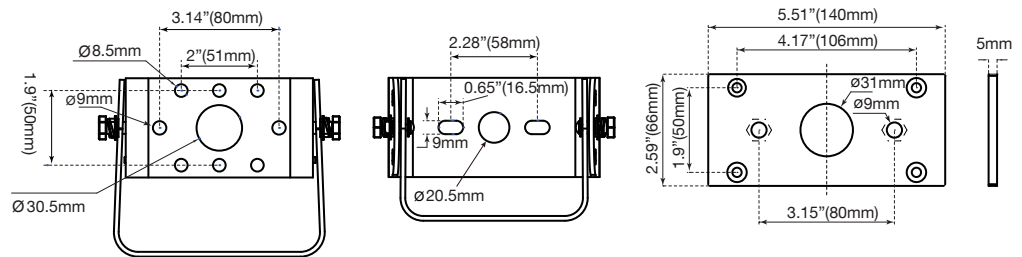
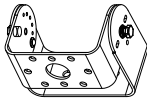
Slip Fitter - SF

- P10101 MT-SAL/SF/DB
- P10209 MT-SAL/SF/BK
- P10102 MT-SAL/SF/WH



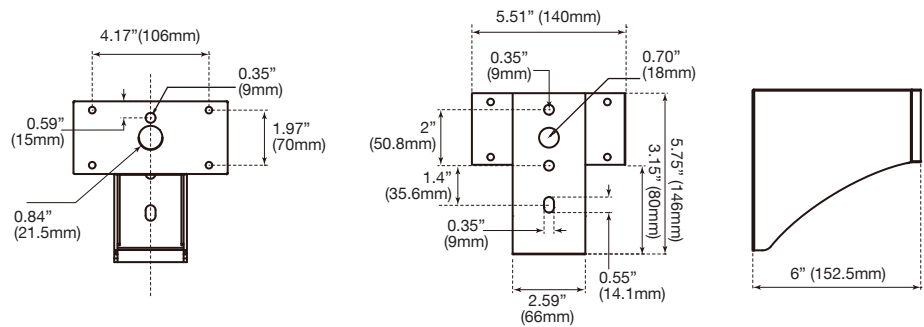
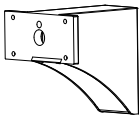
Swivel Bracket - SB

- P10103 MT-SAL/SB/DB
- P10210 MT-SAL/SB/BK
- P10104 MT-SAL/SB/WH



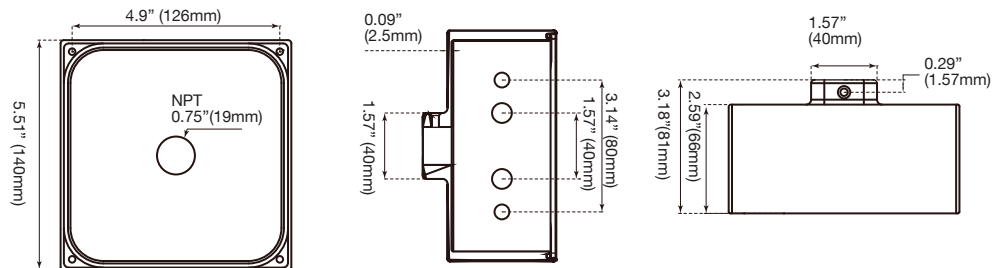
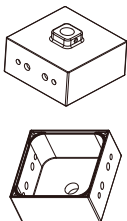
6" Extruded Arm

- P10105 MT-SAL/EA6/DB
- P10211 MT-SAL/EA6/BK
- P10106 MT-SAL/EA6/WH



Dual Pendant Box

- P10107 MT-SAL/DPB/DB
- P10108 MT-SAL/DPB/WH

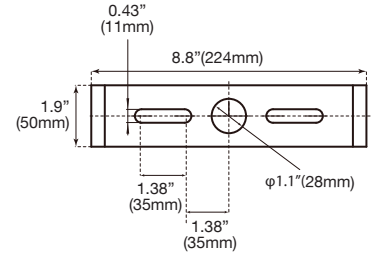
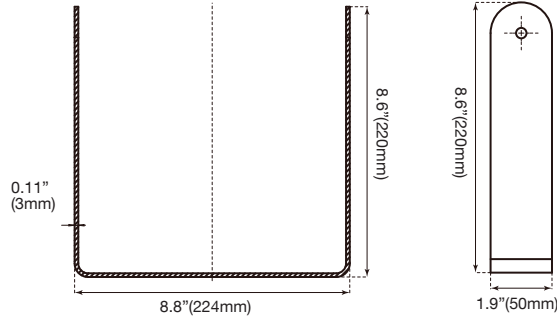
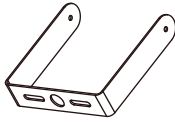


MOUNTING SPECIFICATIONS

SOLD SEPARATELY

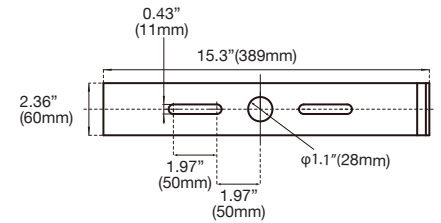
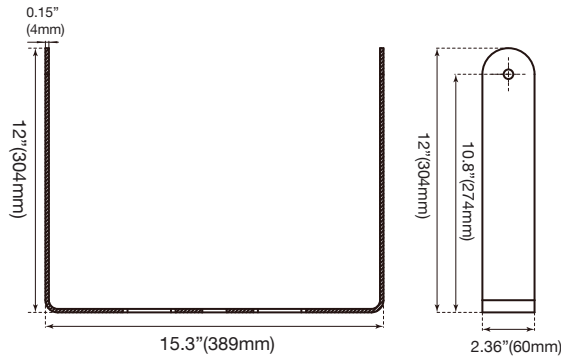
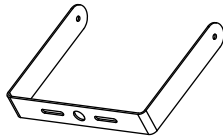
Yoke - 9" (29W-100W)

- P10111 MT-SAL/YK9/DB
- P10112 MT-SAL/YK9/WH



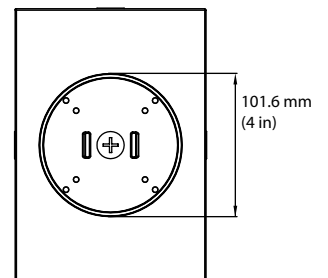
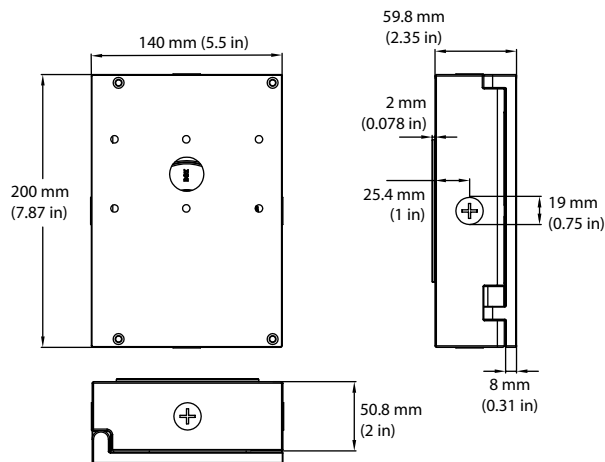
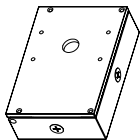
Yoke - 15" (150W-360W)

- P10113 MT-SAL/YK15/DB
- P10114 MT-SAL/YK15/WH



Wall Mount

- P10198 MT-SAL/WM/DB
- P10199 MT-SAL/WM/WH



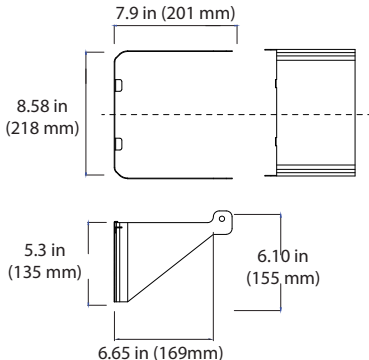
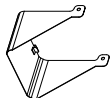
MOUNTING SPECIFICATIONS

SOLD SEPARATELY

Shield (29W~100W)

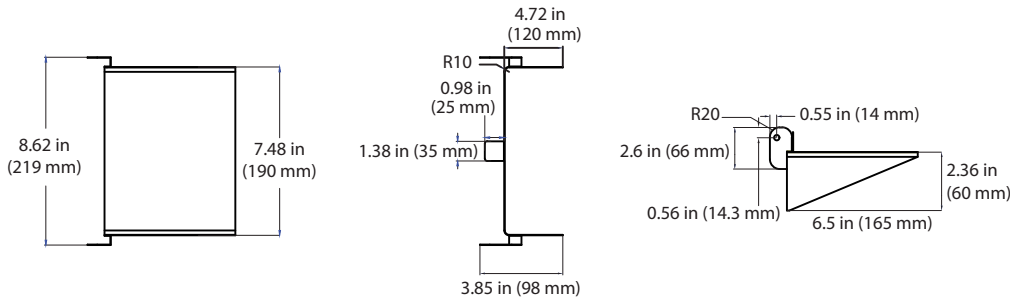
Front

- P10213 GSF-SAL-S/DB
- P10214 GSF-SAL-S/WH



Back

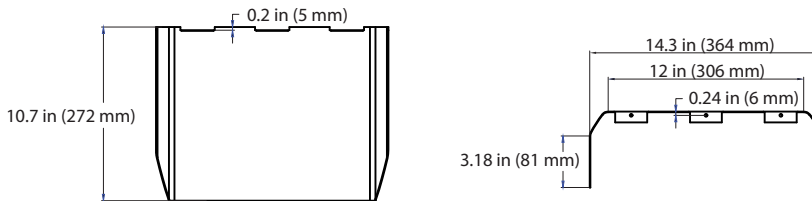
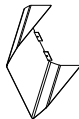
- P10205 GSB-SAL-S/DB
- P10206 GSB-SAL-S/WH



Shield (150W~360W)

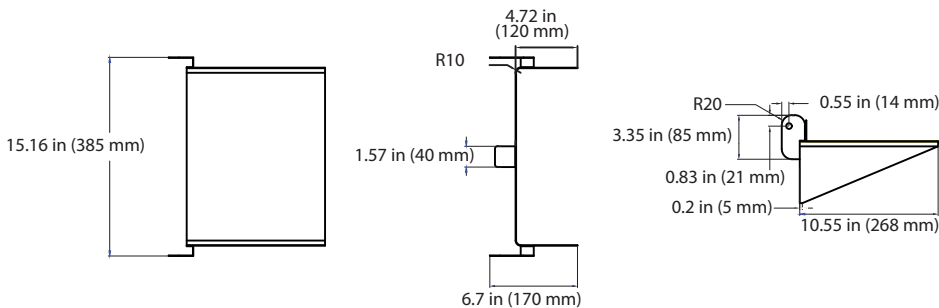
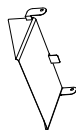
Front

- P10215 GSF-SAL-L/DB
- P10216 GSF-SAL-L/WH



Back

- P10207 GSB-SAL-L/DB
- P10208 GSB-SAL-L/WH



MOUNTINGS & ACCESSORIES

SOLD SEPARATELY

Mounting: Slip Fitter



Code	Model	Description
• P10101	MT-SAL/SF/DB	Slip Fitter Mount for Slim Area Light Dark Bronze
• P10209	MT-SAL/SF/BK	Slip Fitter Mount for Slim Area Light Black
• P10102	MT-SAL/SF/WH	Slip Fitter Mount for Slim Area Light White

Mounting: Swivel Bracket



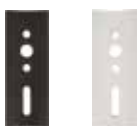
Code	Model	Description
• P10103	MT-SAL/SB/DB	Swivel Bracket Mount for Slim Area Light Dark Bronze
• P10210	MT-SAL/SB/BK	Swivel Bracket Mount for Slim Area Light Black
• P10104	MT-SAL/SB/WH	Swivel Bracket Mount for Slim Area Light White

Mounting: 6" Extruded Arm



Code	Model	Description
• P10105	MT-SAL/EA6/DB	6" Extruded Arm Mount for Slim Area Light Dark Bronze
• P10211	MT-SAL/EA6/BK	6" Extruded Arm Mount for Slim Area Light Black
• P10106	MT-SAL/EA6/WH	6" Extruded Arm Mount for Slim Area Light White

Mounting: Round Pole Mounting Adaptor



Code	Model	Description
• P10119	MT-SAL/4PA/DB	4" Round pole adaptor for SAL-DB
• P10120	MT-SAL/5PA/DB	5" Round pole adaptor for SAL-DB
• P10121	MT-SAL/6PA/DB	6" Round pole adaptor for SAL-DB
• P10122	MT-SAL/4PA/WH	4" Round pole adaptor for SAL-WH
• P10123	MT-SAL/5PA/WH	5" Round pole adaptor for SAL-WH
• P10124	MT-SAL/6PA/WH	6" Round pole adaptor for SAL-WH

Mounting: Yoke Mount (9-inch and 15-inch)



Code	Model	Description
• P10111	MT-SAL/YK9/DB	9" Yoke Mount for Slim Area Light (29W-100W) Dark Bronze
• P10112	MT-SAL/YK9/WH	9" Yoke Mount for Slim Area Light (29W-100W) White
• P10113	MT-SAL/YK15/DB	15" Yoke Mount for Slim Area Light (180W-360W) Dark Bronze
• P10114	MT-SAL/YK15/WH	15" Yoke Mount for Slim Area Light (180W-360W) White

Mounting: Wall Mount



Code	Model	Description
• P10198	MT-SAL/WM/DB	Wall Mount Small Slim Area Light Dark Bronze
• P10199	MT-SAL/WM/WH	Wall Mount Small Slim Area Light White

Mounting: Dual Pendant Box



Code	Model	Description
• P10107	MT-SAL/DPB/DB	Dual Pendant Box 3/4" NPT Dark Bronze
• P10108	MT-SAL/DPB/WH	Dual Pendant Box 3/4" NPT White

MOUNTINGS & ACCESSORIES

SOLD SEPARATELY

Remote Controlled Motion/PhotoCell Sensor



Code	Model	Description
• K136178	PLT/LDB/9SWC	Remote Controllable Sensor 0-10V 3X C Lens (150-360W) Dark Bronze Plate
• K136179	PLT/LDB/9SWD	Remote Controllable Sensor 0-10V 2X D Lens (150-360W) Dark Bronze Plate
• K137178	PLT/LWH/9SWC	Remote Controllable Sensor 0-10V 3X C Lens (150-360W) White Plate
• K137179	PLT/LWH/9SWD	Remote Controllable Sensor 0-10V 100-277V 2X D Lens (150-360W) White Plate
• K134178	PLT/SDB/9SWC	Remote Controllable Sensor 0-10V 100-277V 3X C Lens (29-100W) Dark Bronze Plate
• K134179	PLT/SDB/9SWD	Remote Controllable Sensor 0-10V 100-277V 2X D Lens (29-100W) Dark Bronze Plate
• K135178	PLT/SWH/9SWC	Remote Controllable Sensor 0-10V 100-277V 3X C Lens (29-100W) White Plate
• K135179	PLT/SWH/9SWD	Remote Controllable Sensor 0-10V 100-277V 2X D Lens (29-100W) White Plate
• P10164	SEN-SRP280	Remote Control

Motion/PhotoCell Sensor



Code	Model	Description
• K134115	PLT/SDB/SWC	Motion/PhotoCell 0-10V 100-277V 3X C Lens (29-100W) Dark Bronze Plate
• K134116	PLT/SDB/SWD	Motion/PhotoCell 0-10V 100-277V 2X D Lens (29-100W) Dark Bronze Plate
• K135115	PLT/SWH/SWC	Motion/PhotoCell 0-10V 100-277V 3X C Lens (29-100W) White Plate
• K135116	PLT/SWH/SWD	Motion/PhotoCell 0-10V 100-277V 2X D Lens (29-100W) White Plate
• K136115	PLT/LDB/SWC	Motion/PhotoCell 0-10V 100-277V 3X C Lens (150-360W) Dark Bronze Plate
• K136116	PLT/LDB/SWD	Motion/PhotoCell 0-10V 100-277V 2X D Lens (150-360W) Dark Bronze Plate
• K137115	PLT/LWH/SWC	Motion/PhotoCell 0-10V 100-277V 3X C Lens (150-360W) White Plate
• K137116	PLT/LWH/SWD	Motion/PhotoCell 0-10V 100-277V 2X D Lens (150-360W) White Plate

Step Down Driver for 29W-100W



Code	Model	Description
K134185	PLT/SDB/100BA480	347-480 to 277V Step Down Driver for SAL 100W and under Dark Bronze
K135186	PLT/SWH/100BA480	347-480 to 277V Step Down Driver for SAL 100W and under White

Receptacle



Code	Model	Description
• P10141	REC3PLK	3 prong twist lock receptacle mount
• P10142	REC7PLK	7 prong twist lock receptacle mount

Type 4 Lens



Code	Model	Description
• P10237	LENS-SAL-3X3-IV	Type 4 Lens for SAL (29W-100W)
• K238X2	LENS-SAL180-IV	Type 4 Lens for SAL (150W/180W)
• K238X3	LENS-SAL240-IV	Type 4 Lens for SAL (240W)
• K237X4	LENS-SAL360-IV	Type 4 Lens for SAL (360W)

Type 5 Lens



Code	Model	Description
• P10127	LENS-SAL-SMALL-V	Type 5 Lens for SAL (29W-100W)
• P10128	LENS-SAL-LARGE-V/DB	Type 5 Lens for SAL (150W-360W) Dark Bronze
• P10131	LENS-SAL-LARGE-V/WH	Type 5 Lens for SAL (150W-360W) White

MOUNTING / ACCESSORIES

SOLD SEPARATELY

Photocell Sensor & Short Cap



Code	Model	Description
• K141030	REC3PLK/PHO	Receptacle Mount & Photocell for SAL
• P10053	SEN-PHO-LK-MT/SRT	Twist-Lock Mount Shorting Cap

Glare Shield



Code	Model	Description
• P10205	GSB-SAL-S/DB	Back Glare Shields for SAL (29-100W) Dark Bronze
• P10206	GSB-SAL-S/WH	Back Glare Shields for SAL (29-100W) White
• P10207	GSB-SAL-L/DB	Back Glare Shields for SAL (150-360W) Dark Bronze
• P10208	GSB-SAL-L/WH	Back Glare Shields for SAL (150-360W) White
• P10213	GSF-SAL-S/DB	Front Glare Shields for SAL (29-100W) Dark Bronze
• P10214	GSF-SAL-S/WH	Front Glare Shields for SAL (29-100W) White
• P10215	GSF-SAL-L/DB	Front Glare Shields for SAL (150-360W) Dark Bronze
• P10216	GSF-SAL-L/WH	Front Glare Shields for SAL (150-360W) Dark Bronze

Ballast



Code	Model	Description
• P10183	BALED-ESD-240S460DT	Ballast Inventronics 150/180/360W*
• P10184	BALED-ESD-240S660DT	Ballast Inventronics 240W (480V)

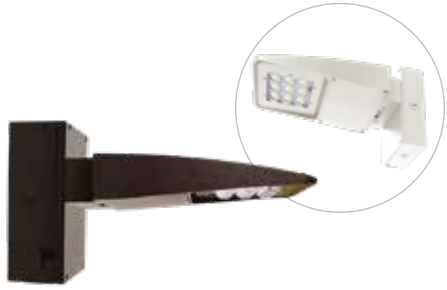
*360W requires 2pcs of P10183 BALED-ESD-240S460DT

Type IV and V Lens



Code	Model	Description
• P10237	LENS-SAL-3X3-IV	Type 4 Lens for SAL (29W-100W)
• K238X2	LENS-SAL180-IV	Type 4 Lens for SAL (150W/180W)
• K238X3	LENS-SAL240-IV	Type 4 Lens for SAL (240W)
• K237X4	LENS-SAL360-IV	Type 4 Lens for SAL (360W)
• P10127	LENS-SAL-SMALL-V	Type 5 Lens for SAL (29W-100W)
• P10128	LENS-SAL-LARGE-V/DB	Type 5 Lens for SAL (150W-360W)
• P10131	LENS-SAL-LARGE-V/WH	Type 5 Lens for SAL (150W-360W)

MOUNTINGS



Wall Mount



Wall Mount + EA6



Swivel Bracket



6" Extended Arm

Round Pole Mounting Adaptor



Slip Fitter



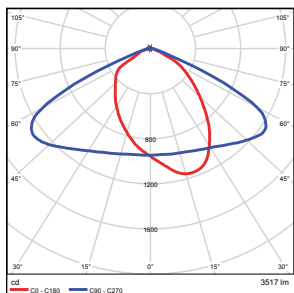
Yoke Mount



Pendant Mount
(rigid pole not included)

PHOTOMETRICS CHART

29W - Type3

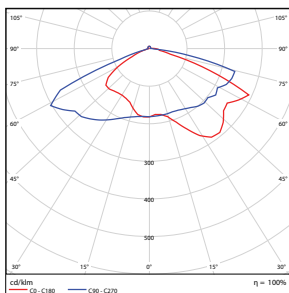


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	8.5 ft	3.0 ft
5.0 ft	16.9 ft	6.1 ft
10.0 ft	33.8 ft	12.2 ft
15.0 ft	50.7 ft	18.3 ft
20.0 ft	67.6 ft	24.4 ft
25.0 ft	84.5 ft	30.5 ft
30.0 ft	101.4 ft	36.6 ft

Vert. Spread: 80.7°
Horiz. Spread: 33.8°

29W - Type4

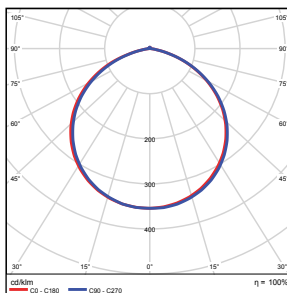


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	10.9 ft	12.3 ft
5.0 ft	22.1 ft	25.1 ft
10.0 ft	43.9 ft	49.0 ft
15.0 ft	65.7 ft	72.9 ft
20.0 ft	87.5 ft	96.8 ft
25.0 ft	109.3 ft	120.7 ft
30.0 ft	131.1 ft	144.6 ft

Vert. Spread: 117.6°
Horiz. Spread: 123.8°

29W - Type5

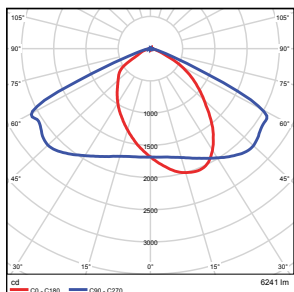


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	15.1 ft	14.3 ft
5.0 ft	30.2 ft	29.9 ft
10.0 ft	60.4 ft	44.8 ft
15.0 ft	90.6 ft	60.8 ft
20.0 ft	120.8 ft	76.8 ft
25.0 ft	151.0 ft	92.8 ft
30.0 ft	181.2 ft	108.8 ft

Vert. Spread: 113.0°
Horiz. Spread: 112.4°

50W - Type3

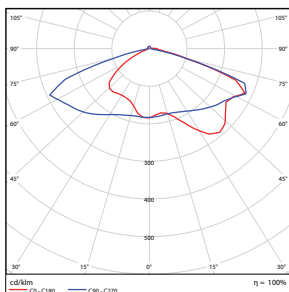


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	9.8 ft	4.7 ft
5.0 ft	19.6 ft	9.4 ft
10.0 ft	39.2 ft	18.8 ft
15.0 ft	58.8 ft	28.2 ft
20.0 ft	78.4 ft	37.6 ft
25.0 ft	98.0 ft	47.0 ft
30.0 ft	117.6 ft	56.4 ft

Vert. Spread: 80.7°
Horiz. Spread: 30.2°

50W - Type4

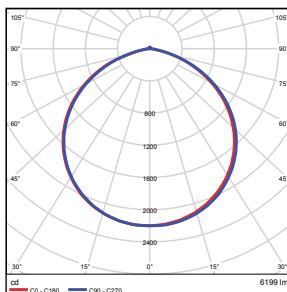


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	12.7 ft	12.6 ft
5.0 ft	25.4 ft	25.6 ft
10.0 ft	50.8 ft	51.2 ft
15.0 ft	76.2 ft	76.8 ft
20.0 ft	101.6 ft	102.4 ft
25.0 ft	127.0 ft	128.0 ft
30.0 ft	152.4 ft	153.6 ft

Vert. Spread: 125.1°
Horiz. Spread: 124.7°

50W - Type5

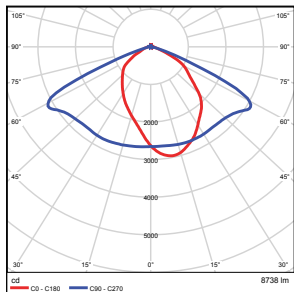


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	15.0 ft	15.1 ft
5.0 ft	30.0 ft	30.1 ft
10.0 ft	60.0 ft	60.2 ft
15.0 ft	90.0 ft	90.3 ft
20.0 ft	120.0 ft	120.4 ft
25.0 ft	150.0 ft	150.5 ft
30.0 ft	180.0 ft	180.6 ft

Vert. Spread: 112.0°
Horiz. Spread: 112.8°

75W - Type3

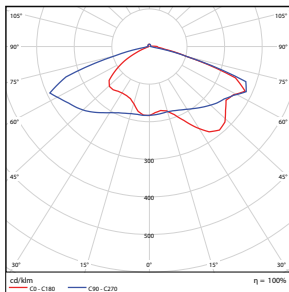


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	10.9 ft	5.0 ft
5.0 ft	21.8 ft	10.1 ft
10.0 ft	43.6 ft	20.2 ft
15.0 ft	65.4 ft	30.3 ft
20.0 ft	87.2 ft	40.4 ft
25.0 ft	109.0 ft	50.5 ft
30.0 ft	130.8 ft	60.6 ft

Vert. Spread: 85.0°
Horiz. Spread: 53.5°

75W - Type4

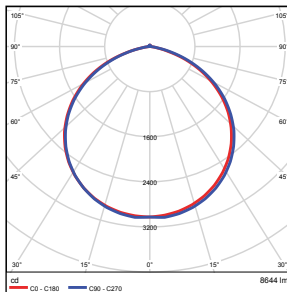


Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	14.0 ft	12.4 ft
5.0 ft	28.0 ft	25.3 ft
10.0 ft	56.0 ft	50.6 ft
15.0 ft	84.0 ft	75.9 ft
20.0 ft	112.0 ft	101.2 ft
25.0 ft	140.0 ft	126.5 ft
30.0 ft	168.0 ft	151.8 ft

Vert. Spread: 125.1°
Horiz. Spread: 124.1°

75W - Type5



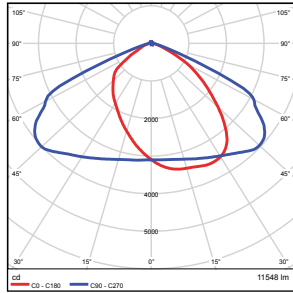
Illuminance at a Distance

Center Beam Ft.	Beam Width	Beam Area
3.0 ft	15.2 ft	15.3 ft
5.0 ft	30.4 ft	30.7 ft
10.0 ft	60.8 ft	61.4 ft
15.0 ft	91.2 ft	92.1 ft
20.0 ft	121.6 ft	122.8 ft
25.0 ft	152.0 ft	153.5 ft
30.0 ft	182.4 ft	184.2 ft

Vert. Spread: 113.1°
Horiz. Spread: 113.8°

PHOTOMETRICS CHART

100W - Type3

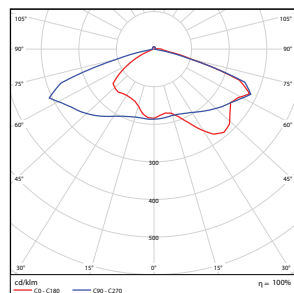


Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
5.0ft	124 ft	20.1 ft
10.0ft	31.0 ft	49.2 ft
15.0ft	13.8 ft	69.3 ft
20.0ft	7.76 ft	89.5 ft
25.0ft	4.87 ft	109.6 ft
30.0ft	3.45 ft	129.7 ft

Vert. Spread: 91.1°
Horiz. Spread: 127.1°

100W - Type4

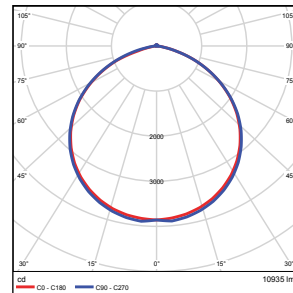


Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
3.3ft	194 ft	8.1 ft
6.7ft	47.1 ft	16.5 ft
10.1ft	21.2 ft	24.6 ft
13.5ft	12.0 ft	32.7 ft
16.9ft	7.59 ft	41.0 ft
20.3ft	5.29 ft	49.1 ft

Vert. Spread: 101.7°
Horiz. Spread: 146.5°

100W - Type5

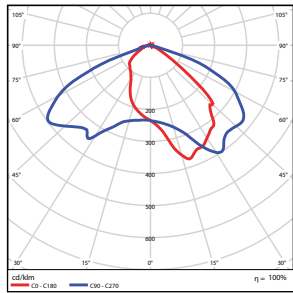


Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
5.0ft	154 ft	14.9 ft
10.0ft	38.6 ft	29.9 ft
15.0ft	17.1 ft	44.9 ft
20.0ft	9.65 ft	59.9 ft
25.0ft	6.17 ft	74.7 ft
30.0ft	4.29 ft	89.6 ft

Vert. Spread: 112.4°
Horiz. Spread: 112.9°

150W - Type3

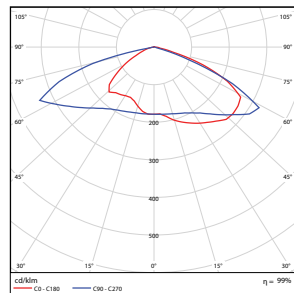


Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
5.0ft	190 ft	8.7 ft
10.0ft	47.5 ft	17.5 ft
15.0ft	21.1 ft	26.2 ft
20.0ft	11.9 ft	35.0 ft
25.0ft	7.60 ft	43.7 ft
30.0ft	5.29 ft	52.4 ft

Vert. Spread: 82.3°
Horiz. Spread: 132.7°

150W - Type4



Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
3.3ft	310 ft	9.0 ft
6.7ft	75.2 ft	18.3 ft
10.1ft	33.7 ft	27.3 ft
13.5ft	19.1 ft	36.3 ft
16.9ft	12.1 ft	45.6 ft
20.3ft	8.44 ft	54.6 ft

Vert. Spread: 107.6°
Horiz. Spread: 91.1°

150W - Type5

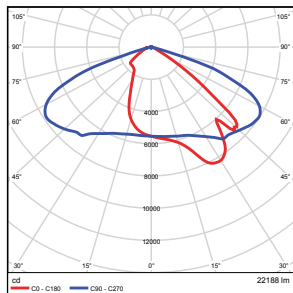


Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
5.0ft	154 ft	14.9 ft
10.0ft	38.6 ft	29.9 ft
15.0ft	17.1 ft	44.9 ft
20.0ft	9.65 ft	59.9 ft
25.0ft	6.17 ft	74.7 ft
30.0ft	4.29 ft	89.6 ft

Vert. Spread: 112.4°
Horiz. Spread: 112.9°

180W - Type3

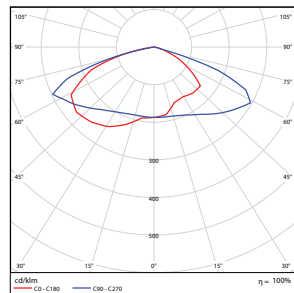


Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
5.0ft	221 ft	8.9 ft
10.0ft	55.3 ft	17.8 ft
15.0ft	24.6 ft	26.8 ft
20.0ft	13.8 ft	35.8 ft
25.0ft	8.85 ft	44.7 ft
30.0ft	6.15 ft	53.7 ft

Vert. Spread: 83.0°
Horiz. Spread: 134.5°

180W - Type4

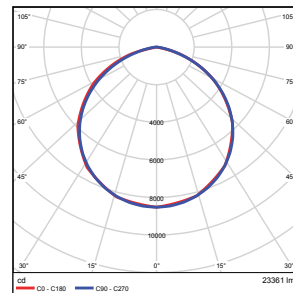


Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
3.3ft	353 ft	12.4 ft
6.7ft	85.7 ft	25.2 ft
10.1ft	38.5 ft	37.5 ft
13.5ft	21.8 ft	49.9 ft
16.9ft	13.8 ft	62.7 ft
20.3ft	9.62 ft	75.1 ft

Vert. Spread: 123.9°
Horiz. Spread: 113.6°

180W - Type5



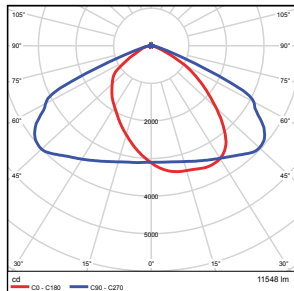
Illuminance at a Distance
Center Beam Ft. Beam Width

Height	Center Beam Ft.	Beam Width
5.0ft	341 ft	14.8 ft
10.0ft	85.2 ft	29.7 ft
15.0ft	37.9 ft	44.5 ft
20.0ft	21.3 ft	59.4 ft
25.0ft	13.6 ft	74.2 ft
30.0ft	9.47 ft	89.1 ft

Vert. Spread: 112.1°
Horiz. Spread: 111.2°

PHOTOMETRICS CHART

240W - Type3

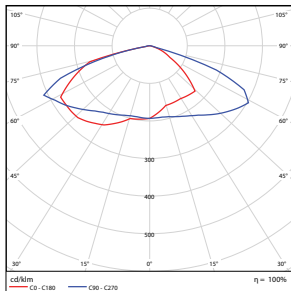


Illuminance at a Distance:
Center Beam Ft. Beam Width

3.0ft	291 fc	5.1 ft	23.6 ft
10.0ft	72.7 fc	18.2 ft	47.3 ft
15.0ft	32.7 fc	27.4 ft	70.9 ft
20.0ft	18.2 fc	36.5 ft	94.5 ft
25.0ft	11.6 fc	45.6 ft	118.2 ft
30.0ft	8.07 fc	54.7 ft	141.8 ft

Vert. Spread: 94.7°
HORIZ. Spread: 124.1°

240W - Type4

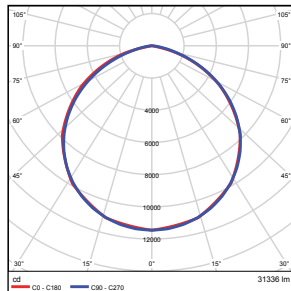


Illuminance at a Distance:
Center Beam Ft. Beam Width

3.0ft	442 fc	11.7 ft	2.9 ft
6.2ft	107 fc	23.7 ft	5.6 ft
10.0ft	48.1 fc	35.3 ft	8.4 ft
13.3ft	27.2 fc	47.0 ft	11.2 ft
16.7ft	17.2 fc	58.8 ft	14.0 ft
20.0ft	12.0 fc	70.6 ft	16.8 ft

Vert. Spread: 120.9°
HORIZ. Spread: 45.6°

240W - Type5

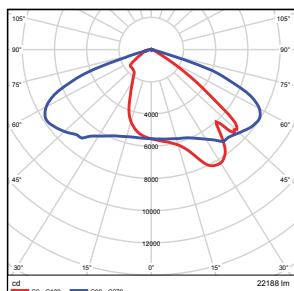


Illuminance at a Distance:
Center Beam Ft. Beam Width

3.0ft	450 fc	14.0 ft	14.6 ft
10.0ft	114 fc	29.5 ft	29.2 ft
15.0ft	50.9 fc	44.3 ft	43.8 ft
20.0ft	28.6 fc	59.0 ft	58.4 ft
25.0ft	18.3 fc	73.0 ft	73.0 ft
30.0ft	12.7 fc	86.6 ft	87.7 ft

Vert. Spread: 111.8°
HORIZ. Spread: 111.8°

360W - Type3

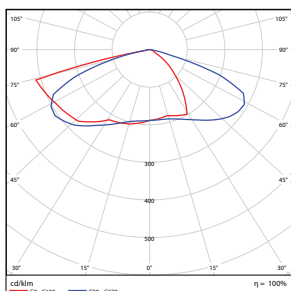


Illuminance at a Distance:
Center Beam Ft. Beam Width

3.0ft	590 fc	10.7 ft	25.3 ft
10.0ft	127 fc	21.3 ft	40.7 ft
15.0ft	86.4 fc	32.0 ft	61.0 ft
20.0ft	51.7 fc	42.7 ft	81.3 ft
25.0ft	28.3 fc	53.4 ft	101.7 ft
30.0ft	14.1 fc	64.0 ft	122.0 ft

Vert. Spread: 93.7°
HORIZ. Spread: 127.6°

360W - Type4

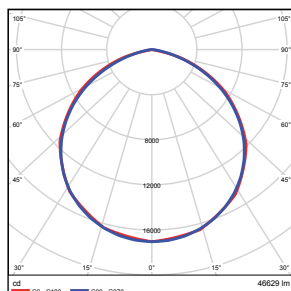


Illuminance at a Distance:
Center Beam Ft. Beam Width

3.0ft	661 fc	9.4 ft	13.0 ft
6.2ft	160 fc	19.0 ft	26.3 ft
10.0ft	72.0 fc	28.4 ft	39.3 ft
13.3ft	48.7 fc	37.7 ft	52.2 ft
16.7ft	25.8 fc	47.4 ft	65.6 ft
20.0ft	18.0 fc	56.6 ft	78.6 ft

Vert. Spread: 109.6°
HORIZ. Spread: 53.9°

360W - Type5



Illuminance at a Distance:
Center Beam Ft. Beam Width

3.0ft	681 fc	14.8 ft	14.5 ft
10.0ft	170 fc	29.7 ft	29.0 ft
15.0ft	75.7 fc	44.5 ft	43.1 ft
20.0ft	42.6 fc	59.4 ft	57.9 ft
25.0ft	27.3 fc	74.2 ft	72.4 ft
30.0ft	18.9 fc	89.1 ft	86.9 ft

Vert. Spread: 112.1°
HORIZ. Spread: 110.7°

PACKAGE

Master Pack: 1 pc

