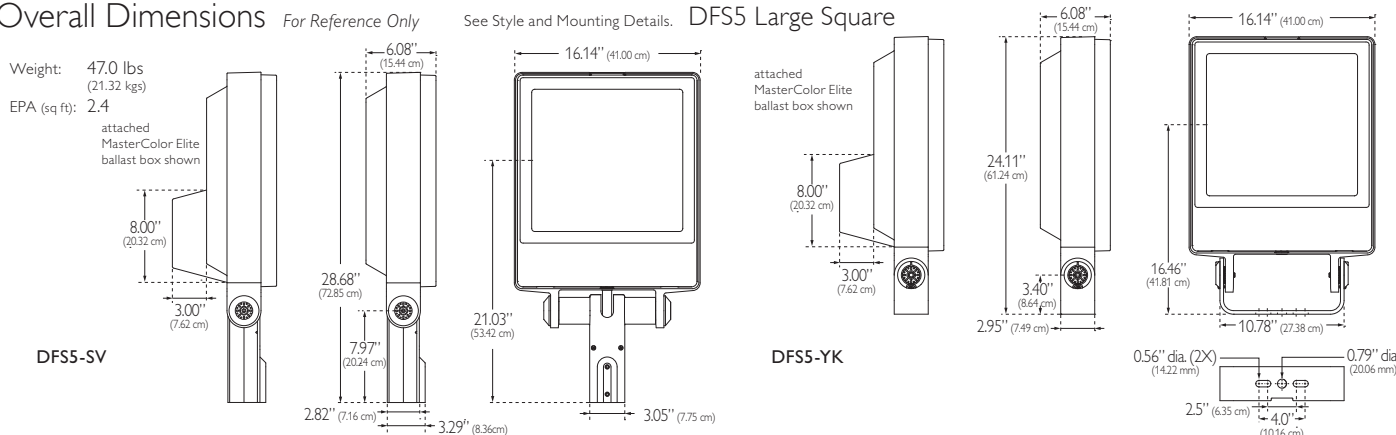


DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:	Job:							Approvals:	
Catalog Number:									
-									
Series/Source-Wattage	Distribution	Ballast	Voltage	Style (Mounting)	Options	Lens Option(s)	Finish	Accessories (Field Installed)	Date:
									Page 1 of 12

Overall Dimensions For Reference Only See Style and Mounting Details. DFS5 Large Square



Specifications

Optical System / Available Distributions

- SP Spot Beam
 - NB Narrow Beam
 - MB Medium Beam
 - WB Wide Beam
 - A45 Asymmetric 1
 - A60 Asymmetric 2
- See optical data for details.

Housing / Construction

Die-cast aluminum housing and silicone gasket. Double wall housing design. Outer housing works as a barrier and watershed to protect the optical assembly from intrusion of contaminants. Inner housing and dedicated internal IP compartment are sealed for optimum photometric performance. Optic chamber features an integrated breather to prevent the formation of condensation. Optic chamber constructed to IP65.

Lamp / Socket

- DFS5 'E': T9 MasterColor Elite (CMH pulse start) lamps, PGZ18 base.
 - DFS5 'P': 200W: T15 PSMH lamps, mogul base. 250-400W: ED28 PSMH lamps, mogul base.
 - DFS5 'S': E18 HPS lamps, mogul base.
- See distribution guide for details.

Ballast / Voltage

- 'E': High efficiency electronic ballast. THD of <10% to <20%. Suitable for operation in an ambient temperature range of -30°C (-22°F) to 40°C (104°F).
 - 'C': CWA (constant wattage autotransformer) core & coil ballast with reliable starting at temperatures as low as -34°C (-30°F) for pulse start metal halide, and -40°C (-40°F) for high pressure sodium. Crest factor does not exceed 1.8. 210-315W MasterColor Elite units available with electronic ballast 'E' only.
 - 200-400W Pulse Start Metal Halide units available with either electronic 'E' or core & coil 'C' ballast. Note: 200W PSMH not available with 'C' ballast in 347V.
 - 250-400W High Pressure Sodium units available with core & coil 'C' ballast only.
- See distribution guide for details.

Style / Mounting

- SV Swivel
- YK Yoke (standard cord length is 3 ft.)

Options (pre-installed)

Fusing:
Single Fuse 'F1' (120/277/347V), Double Fuse 'F2' (208/240/480V), or Double Fuse 'F3' (208/240/480V) (Canadian double pull) option available.

Photocontrol:
Photocell 'PCB' option (not available in 480V).

Auxiliary / Emergency Lighting:
Hot Quart Restrike 'CSR' option and LiteMatic Hot/Cold Quartz Restrike 'LQ', and 'LQ1' options available (see exceptions).

External Shielding:
Barn Doors 'BD' option available Q1 - 2012.

Lens Options

Lens options includes a pre-attached lens holder that can hold up to two lenses.

Spread Lenses:

- BSO Beam Softener
- HLBSP Beam Spreader Horizontal
- VLBSP Beam Spreader Vertical

Color Lenses:

- SGFBL Solgel Blue Filter
- SGFLB Solgel Light Blue Filter
- SGFYE Solgel Yellow Filter
- SGFGN Solgel Green Filter
- SGFMG Solgel Magenta Filter

Color Temp Lenses:

- WAF1 Warm n°1 Solgel Filter
- WAF2 Warm n°2 Solgel Filter
- WAF3 Warm n°3 Solgel Filter
- COF2 Cool n°2 Solgel Filter
- COF3 Cool n°3 Solgel Filter
- COF4 Cool n°4 Solgel Filter

Finish

Standard finishes:

- TWO Two-Tone (dark gray, silver)
 - TBK Textured Black
 - TDB Textured Dark Bronze
 - TSA Textured Satin Aluminum
 - TWHT Textured White
 - TGN Textured Green
 - TGR Textured Gray
 - TPG Textured Philips Gray
- Custom RAL colors may be specified.

Accessories (ordered separately)

External Shielding:

Barn doors 'BD-DFS5', top shield 'TS-DFS5', four sided shield '4S-DFS5', three sided shield '3S-DFS5', horizontal louvers 'HL-DFS5', vertical louvers 'VL-DFS5', and eggcrate louvers 'EC-DFS5'. (Shielding is black unless otherwise specified).

Mounting Accessories:

See Accessory Details.

Aiming (when mounted to horizontal surface)

DFS5-SV can be aimed 100.0° up or 100.0° down. DFS5-YK can be aimed 90.0° up or 90.0° down. See Aiming Diagrams.

Listings

ETL/cETL Listed luminaire, to the UL 1598 standard, suitable for Wet Locations. The quality systems of this facility have been registered by UL to the ISO 9001 Series Standards.

Warranty

Philips Gardco luminaires feature a 5 year limited warranty. See Warranty Information on www.sitelighting.com for complete details and exclusions. Polycarbonate lenses carry a 1 year warranty only.

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled 'Contain Mercury' and/or with the symbol 'Hg'. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycle and disposal can be found at www.lamprecycle.org.

DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:	Job:	Page 2 of 12
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DFS5-SV



DFS5-YK



Series	Distribution	Ballast	Voltage	Style	Options
MasterColor Elite ☐ DFS5E-210 ^{1,4} ☐ DFS5E-315 ^{1,4}	☐ SP ³ Spot Beam ☐ NB Narrow Beam	☐ E ¹ Electronic ☐ C ^{2,7} Core & Coil	☐ 120 ☐ 208 ☐ 240 ☐ 277 ☐ 347 ⁷ ☐ 480 ^{12,4}	☐ SV Swivel ☐ YK Yoke Standard cord length is 3 ft.	☐ F1 ⁵ Single Fuse (120/277/347V) ☐ F2 ⁵ Double Fuse (208/240/480V) ☐ F3 ⁵ Double Fuse (208/240/480V) (Canadian double pull) ☐ PCB ¹ Photocell Button (120-347V) ☐ CSR ^{3,5} Hot Quartz Restrike (no time delay) ☐ LQ ^{3,5} Litematic Hot/Cold Quartz Restrike ☐ LQ1 ^{3,5} Litematic Hot/Cold Quartz Restrike (separately wired) ☐ External Shielding (pre-attached) ☐ BD Barn Doors (Available Q1-2012)
Pulse Start Metal Halide ☐ DFS5P-200 ^{1,7} ☐ DFS5P-250 ¹ ☐ DFS5P-320 ¹ ☐ DFS5P-350 ¹ ☐ DFS5P-400 ¹	☐ MB Medium Beam ☐ WB Wide Beam ☐ A45 Asymmetric 1 ☐ A60 Asymmetric 2				
High Pressure Sodium ☐ DFS5S-250 ² ☐ DFS5S-400 ²					

Notes: 1. Electronic ballasts are available in 120-347V, not available in 480V. MasterColor Elite lamps are available with electronic ballast option 'E' only. 'PCB' is not available in 480V.
2. High Pressure Sodium is only available with core & coil option 'C'. Core & coil ballasts are available in 120-480V.
3. 'SP' optics and Electronic Ballast Option ('E') not available with any restrike options ('CSR', 'LQ', 'LQ1').
4. MasterColor Elite options available in March 2012. MasterColor Elite not available in 480V.
5. Fusing is not available with any restrike options ('CSR', 'LQ', 'LQ1'). All restrike options are 150W quartz max.
6. Lens options include lens holder that can hold up to two lenses. Lens holder comes pre-attached to the fixture.
7. Photometry for the 'BSO' lens should be used for reference only. Lens performance can vary slightly due to manufacturing tolerances.
8. DFS5P-200 (200w PSMH) is not available with 'C' core & coil ballast in 347V.

Accessories (must be ordered separately)

External Shielding Accessories (black unless otherwise specified)

- ☐ **BD-DFS5** Barn Doors
- ☐ **TS-DFS5** Top Shield (visor)
- ☐ **4S-DFS5** Four Sided Shield
- ☐ **3S-DFS5** Three Sided Shield
- ☐ **HL-DFS5** Horizontal Louvers
- ☐ **VL-DFS5** Vertical Louvers
- ☐ **EC-DFS5** Eggcrate Louvers

Swivel Mount Accessories

- ☐ **WMB-16.5-(F)** Wall Mounting Bracket
- ☐ **SMT-2-(F)** Surface Mounted Tenon
- ☐ **JB-VMT-(F)** Junction Box with SMT-2
- ☐ **SM-18-(F)** 18" Stanchion Mount
- ☐ **PTA-2180-16.5-(F)** Pole Top Adaptor 2@180
- ☐ **PTA-2090-16.5-(F)** Pole Top Adaptor 2@90
- ☐ **PTA-3090-16.5-(F)** Pole Top Adaptor 3@90
- ☐ **PTA-4090-16.5-(F)** Pole Top Adaptor 4@90

Yoke Mount Accessories

- ☐ **MF4-(F)** Slip Fitter (fits 2-3/8" O.D. tenon)
- ☐ **BP-(F)** Surface Mount Base Plate
- ☐ **JB-BP-(F)** Junction Box with BP (F = specify finish)

Lens Options (includes lens holder, holds up to two lenses)	Finish
Spread Lenses ⁶ ☐ BSO Beam Softener ☐ HLBSP Beam Spreader Horizontal ☐ VLBSP Beam Spreader Vertical	☐ TWO Two-Tone (dark gray, silver) ☐ TBK Textured Black ☐ TDB Textured Dark Bronze ☐ TSA Textured Satin Aluminum ☐ TWHT Textured White ☐ TGN Textured Green ☐ TGR Textured Gray ☐ TPG Textured Philips Gray ☐ RAL(*) Specify Custom RAL color number
Color Lenses ⁶ ☐ SGFBL Solgel Blue Filter ☐ SGFLB Solgel Light Blue Filter ☐ SGFYE Solgel Yellow Filter ☐ SGFGN Solgel Green Filter ☐ SGFMG Solgel Magenta Filter	☐ WAF1 Warm n°1 Solgel Filter ☐ WAF2 Warm n°2 Solgel Filter ☐ WAF3 Warm n°3 Solgel Filter ☐ COF2 Cool n°2 Solgel Filter ☐ COF3 Cool n°3 Solgel Filter ☐ COF4 Cool n°4 Solgel Filter

DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:	Job:	Page 3 of 12
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Distribution Guide and Ballast Data ¹

MasterColor Elite Series/Source-Wattage	Lamp ² / Base Horiz. orientation	Ballast Type	ANSI Code	Initial Lamp lm	Rated Life (hrs)	Line Current 120 / 208 / 240 / 277 / 347 / 480	Line Watts ³ 208-277 / 120 & 347
DFS5E-210	T9 / PGZ18	Electronic	C183/E	24,150	24,000	2.20 / 1.20 / 1.00 / 0.82 / 0.77 / NA	229 / 239 ³
DFS5E-315	T9 / PGZ18	Electronic	C182/E	37,800	30,000	3.27 / 1.80 / 1.54 / 1.30 / 1.13 / NA	343 / 353 ³
Pulse Start Metal Halide Series/Source-Wattage	Lamp / Base Horiz. orientation	Ballast Type	ANSI Code	Initial Lamp lm	Rated Life (hrs)	Line Current 120 / 208 / 240 / 277 / 347 / 480	Line Watts ³
DFS5P-200	T15 / mogul	Electronic	M136	19,000	15,000	1.90 / 1.10 / 0.90 / 0.80 / 0.70 / NA	208 / 218 ³
DFS5P-200	T15 / mogul	CWA	M136	19,000	15,000	2.20 / 1.25 / 1.10 / 0.95 / 0.80 / 0.50	240
DFS5P-250	ED28 / mogul	Electronic	M138 / M153	22,000	15,000	2.50 / 1.40 / 1.20 / 1.00 / 0.90 / NA	269 / 279 ³
DFS5P-250	ED28 / mogul	CWA	M138 / M153	22,000	15,000	2.75 / 1.45 / 1.30 / 1.20 / 0.95 / 0.60	298
DFS5P-320	ED28 / mogul	Electronic	M132 / M154	30,000	20,000	3.10 / 1.70 / 1.50 / 1.20 / 1.10 / NA	344 / 354 ³
DFS5P-320	ED28 / mogul	CWA	M132 / M154	30,000	20,000	3.30 / 1.90 / 1.70 / 1.40 / 1.15 / 0.80	368
DFS5P-350	ED28 / mogul	Electronic	M131	33,000	20,000	3.40 / 1.80 / 1.60 / 1.40 / 1.20 / NA	344 / 385 ³
DFS5P-350	ED28 / mogul	CWA	M131	33,000	20,000	3.70 / 2.10 / 1.80 / 1.60 / 1.25 / 0.90	400
DFS5P-400	ED28 / mogul	Electronic	M135 / M155	40,000	20,000	3.80 / 2.10 / 1.90 / 1.60 / 1.30 / NA	426 / 436 ³
DFS5P-400	ED28 / mogul	CWA	M135 / M155	40,000	20,000	4.00 / 2.20 / 1.91 / 1.75 / 1.40 / 1.00	456
High Pressure Sodium Series/Source-Wattage	Lamp / Base Horiz. orientation	Ballast Type	ANSI Code	Initial Lamp lm	Rated Life (hrs)	Line Current 120 / 208 / 240 / 277 / 347 / 480	Line Watts
DFS5S-250	E18 / mogul	CWA	S50	27,000	24,000	2.70 / 1.55 / 1.30 / 1.20 / 0.95 / 0.70	310
DFS5S-400	E18 / mogul	CWA	S51	50,000	24,000	4.10 / 2.45 / 2.10 / 1.85 / 1.40 / 1.10	467

Notes

- 1) Photometry available online. IES file names reflect catalog logic.
- 2) MasterColor Elite lamps: CDM Elite (wattage)/T9/930 with CCT of 3000 K and CRI of 90.
- 3) Line watts with electronic ballast:
208-277V / 120V & 347V

DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:

Job:

Page 4 of 12

Optical Data

Cat No.	Optic	Initial Lamp Lumens	Max CD	50% Main Beam (hor.)	50% Main Beam (vert.)	10% Field Beam (hor.)	10% Field Beam (vert.)	NEMA Beam (hor.)	NEMA Beam (vert.)	Lamp Type	Base	Lamp Axis	IES File #
MasterColor Elite (CMH Pulse Start)													
DFS5E-210	SP	24,150	258,808	10.8°	9.1°	19.7°	17.0°	2H	1V	T9	PGZ18	Horiz.	DFS5E-210-SP.IES
	NB	24,150	28,356	77.0°	13.9°	138.9°	32.2°	7H	3V	T9	PGZ18	Horiz.	DFS5E-210-NB.IES
	MB	24,150	16,507	83.9°	23.9°	143.6°	117.5°	7H	6V	T9	PGZ18	Horiz.	DFS5E-210-MB.IES
	WB	24,150	10,039	112.2°	55.0°	149.6°	123.8°	7H	6V	T9	PGZ18	Horiz.	DFS5E-210-WB.IES
	A45	24,150	15,778	83.2°	21.8°	135.7°	122.5°	7H	6V	T9	PGZ18	Horiz.	DFS5E-210-A45.IES
	A60	24,150	11,297	83.6°	40.8°	132.0°	128.1°	7H	6V	T9	PGZ18	Horiz.	DFS5E-210-A60.IES
DFS5E-315	SP	37,800	405,091	10.8°	9.1°	19.7°	17.0°	2H	1V	T9	PGZ18	Horiz.	DFS5E-315-SP.IES
	NB	37,800	44,383	77.0°	13.9°	138.9°	32.2°	7H	3V	T9	PGZ18	Horiz.	DFS5E-315-NB.IES
	MB	37,800	25,837	83.9°	23.9°	143.6°	117.5°	7H	6V	T9	PGZ18	Horiz.	DFS5E-315-MB.IES
	WB	37,800	15,713	112.2°	55.0°	149.6°	123.8°	7H	6V	T9	PGZ18	Horiz.	DFS5E-315-WB.IES
	A45	37,800	24,698	83.2°	21.8°	135.7°	122.5°	7H	6V	T9	PGZ18	Horiz.	DFS5E-315-A45.IES
	A60	37,800	17,682	83.6°	40.8°	132.0°	128.1°	7H	6V	T9	PGZ18	Horiz.	DFS5E-315-A60.IES

DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:	Job:	Page 5 of 12
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Optical Data (continued)

Cat No.	Optic	Initial Lamp Lumens	Max CD	50% Main Beam (hor.)	50% Main Beam (vert.)	10% Field Beam (hor.)	10% Field Beam (vert.)	NEMA Beam (hor.)	NEMA Beam (vert.)	Lamp Type	Base	Lamp Axis	IES File #
Pulse Start Metal Halide													
DFS5P-200	SP	19,000	113,415	18.3°	8.9°	38.2°	18.2°	3H	2V	T15	MOG	Horiz.	DFS5P-200-SP.IES
	NB	19,000	23,824	77.2°	12.7°	133.6°	30.6°	7H	3V	T15	MOG	Horiz.	DFS5P-200-NB.IES
	MB	19,000	11,789	85.3°	27.6°	140.6°	118.5°	7H	6V	T15	MOG	Horiz.	DFS5P-200-MB.IES
	WB	19,000	7,692	97.7°	57.0°	145.5°	126.8°	7H	6V	T15	MOG	Horiz.	DFS5P-200-WB.IES
	A45	19,000	12,128	84.3°	21.5°	131.9°	126.6°	7H	6V	T15	MOG	Horiz.	DFS5P-200-A45.IES
	A60	19,000	9,113	82.6°	31.3°	126.3°	128.1°	6H	6V	T15	MOG	Horiz.	DFS5P-200-A60.IES
DFS5P-250	SP	22,000	131,323	18.3°	8.9°	38.2°	18.2°	3H	2V	ED28	MOG	Horiz.	DFS5P-250-SP.IES
	NB	22,000	27,586	77.2°	12.7°	133.6°	30.6°	7H	3V	ED28	MOG	Horiz.	DFS5P-250-NB.IES
	MB	22,000	13,650	85.3°	27.6°	140.6°	118.5°	7H	6V	ED28	MOG	Horiz.	DFS5P-250-MB.IES
	WB	22,000	8,906	97.7°	57.0°	145.5°	126.8°	7H	6V	ED28	MOG	Horiz.	DFS5P-250-WB.IES
	A45	22,000	15,283	84.3°	21.5°	131.9°	126.6°	7H	6V	ED28	MOG	Horiz.	DFS5P-250-A45.IES
	A60	22,000	10,552	82.6°	31.3°	126.3°	128.1°	6H	6V	ED28	MOG	Horiz.	DFS5P-250-A60.IES
DFS5P-320	SP	30,000	179,077	18.3°	8.9°	38.2°	18.2°	3H	2V	ED28	MOG	Horiz.	DFS5P-320-SP.IES
	NB	30,000	37,617	77.2°	12.7°	133.6°	30.6°	7H	3V	ED28	MOG	Horiz.	DFS5P-320-NB.IES
	MB	30,000	18,614	85.3°	27.6°	140.6°	118.5°	7H	6V	ED28	MOG	Horiz.	DFS5P-320-MB.IES
	WB	30,000	12,145	97.7°	57.0°	145.5°	126.8°	7H	6V	ED28	MOG	Horiz.	DFS5P-320-WB.IES
	A45	30,000	19,149	84.3°	21.5°	131.9°	126.6°	7H	6V	ED28	MOG	Horiz.	DFS5P-320-A45.IES
	A60	30,000	14,390	82.6°	31.3°	126.3°	128.1°	6H	6V	ED28	MOG	Horiz.	DFS5P-320-A60.IES
DFS5P-400	SP	40,000	238,769	18.3°	8.9°	38.2°	18.2°	3H	2V	ED28	MOG	Horiz.	DFS5P-400-SP.IES
	NB	40,000	50,156	77.2°	12.7°	133.6°	30.6°	7H	3V	ED28	MOG	Horiz.	DFS5P-400-NB.IES
	MB	40,000	24,818	85.3°	27.6°	140.6°	118.5°	7H	6V	ED28	MOG	Horiz.	DFS5P-400-MB.IES
	WB	40,000	16,193	97.7°	57.0°	145.5°	126.8°	7H	6V	ED28	MOG	Horiz.	DFS5P-400-WB.IES
	A45	40,000	25,532	84.3°	21.5°	131.9°	126.6°	7H	6V	ED28	MOG	Horiz.	DFS5P-400-A45.IES
	A60	40,000	19,186	82.6°	31.3°	126.3°	128.1°	6H	6V	ED28	MOG	Horiz.	DFS5P-400-A60.IES
High Pressure Sodium													
DFS5S-250	SP	27,000	102,411	17.0°	8.1°	61.5°	21.3°	4H	2V	E18	MOG	Horiz.	DFS5S-250-SP.IES
	NB	27,000	34,582	77.3°	12.6°	128.1°	34.1°	6H	3V	E18	MOG	Horiz.	DFS5S-250-NB.IES
	MB	27,000	19,137	81.4°	25.0°	134.7°	131.3°	7H	7V	E18	MOG	Horiz.	DFS5S-250-MB.IES
	WB	27,000	10,926	88.2°	63.1°	142.2°	137.3°	7H	7V	E18	MOG	Horiz.	DFS5S-250-WB.IES
	A45	27,000	19,233	78.4°	19.0°	125.0°	125.8°	6H	6V	E18	MOG	Horiz.	DFS5S-250-A45.IES
	A60	27,000	14,320	77.4°	36.6°	121.1°	127.2°	6H	6V	E18	MOG	Horiz.	DFS5S-250-A60.IES
DFS5S-400	SP	50,000	189,650	17.0°	8.1°	61.5°	21.3°	4H	2V	E18	MOG	Horiz.	DFS5S-400-SP.IES
	NB	50,000	64,041	77.3°	12.6°	128.1°	34.1°	6H	3V	E18	MOG	Horiz.	DFS5S-400-NB.IES
	MB	50,000	91,677	81.4°	25.0°	134.7°	131.3°	7H	7V	E18	MOG	Horiz.	DFS5S-400-MB.IES
	WB	50,000	20,234	88.2°	63.1°	142.2°	137.3°	7H	7V	E18	MOG	Horiz.	DFS5S-400-WB.IES
	A45	50,000	35,616	78.4°	19.0°	125.0°	125.8°	6H	6V	E18	MOG	Horiz.	DFS5S-400-A45.IES
	A60	50,000	26,519	77.4°	36.6°	121.1°	127.2°	6H	6V	E18	MOG	Horiz.	DFS5S-400-A60.IES

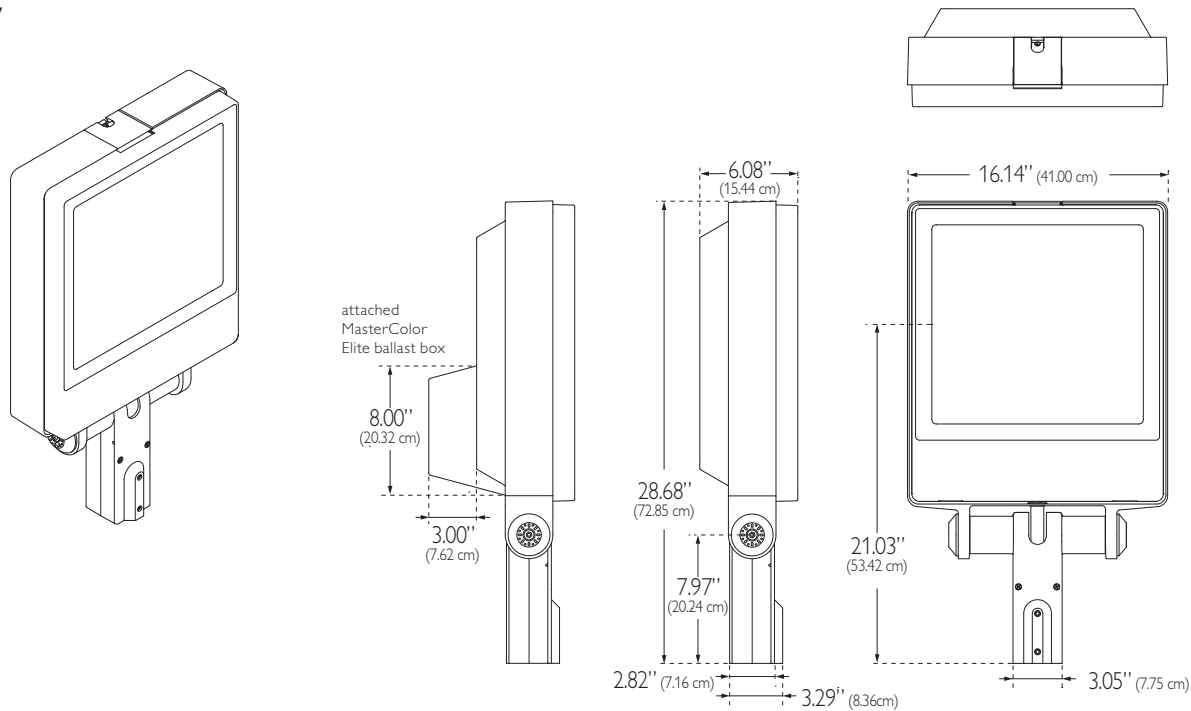
DFS5 Series

DecoFlood Large Square - 200-400W HID

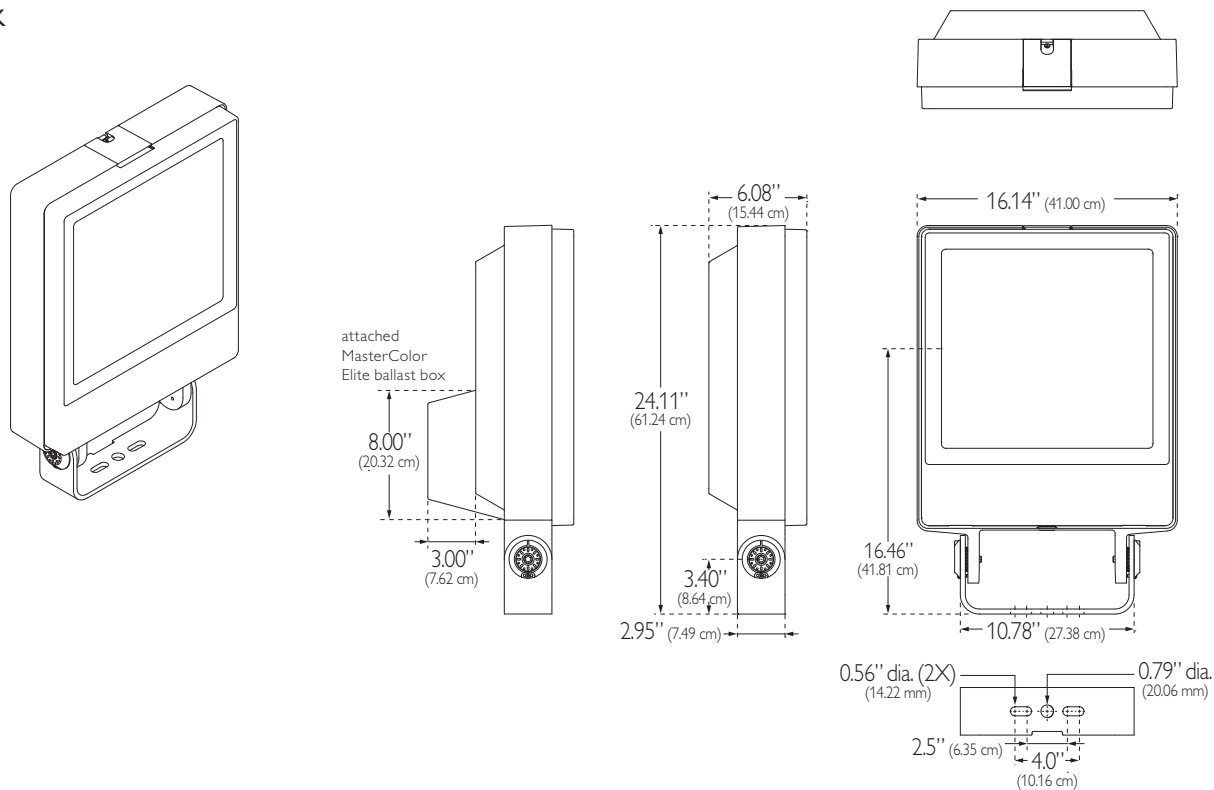
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Style and Mounting Details

DFS5-SV



DFS5-YK



DFS5 Series

DecoFlood Large Square - 200-400W HID

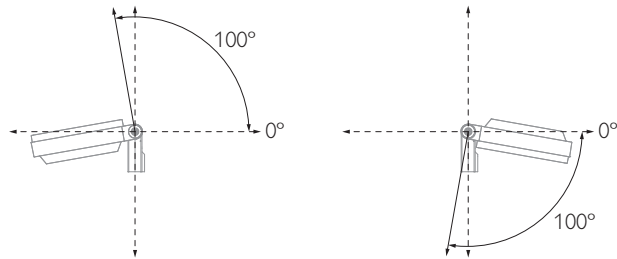
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Job:

Page 7 of 12

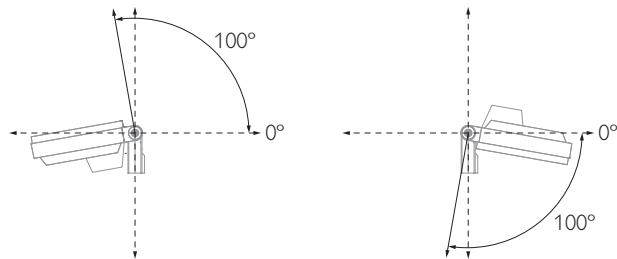
Aiming Diagrams (when mounted to a horizontal surface)

DFS5-SV

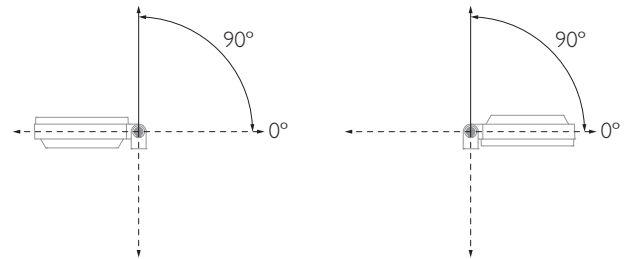


DFS5-SV

with MasterColor Elite ballast box shown

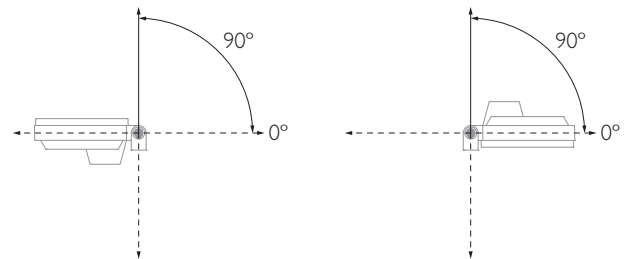


DFS5-YK



DFS5-YK

with MasterColor Elite ballast box shown



DFS5 Series

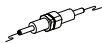
DecoFlood Large Square - 200-400W HID

Type:	Job:	Page 8 of 12
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Option Details (factory installed)

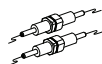
Ballast Fusing

F1¹ Single Fuse (120/277/347V)
(KTK 30 amp fuse)
(Voltage must be specified)
(ships installed)



F2¹ Double Fuse (208/240/480V)

F3¹ Double Fuse (208/240/480V)
(Canadian double pull)
(Two KTK 30 amp fuses)
(Voltage must be specified)
(ships installed)



Photocontrol

PCB Photocell button (120-347V)
(Voltage must be specified)
(ships installed)

Auxiliary / Emergency Lighting (150W quartz lamp, standard)

Combined quartz wattage may not exceed HID lamp wattage. 120V double contact bayonet base. 'LQ1' requires an interlock by others to ensure HID and quartz source are not operated together. Quartz Restrike options not available with Electronic Ballast option 'E'.

CSR 1,2² Hot Quartz Restrike (no time delay)
(using current sensing relay)
Auxiliary quartz lamp is extinguished when main HID lamp strikes.
Activation: At (initial) Cold Start or Restrike (after a momentary "Brown Out" or extended "Black Out" power interruption), through Run Down.

LQ 1,2,3² LiteMatic Hot/Cold Quartz Restrike
Provides LiteMatic quartz auxiliary operation for fixtures with 120V or multi-tap ballasts. 120V auxiliary LiteMatic quartz lamp power supplied by ballast (AC line voltage).
Quartz lamp remains on for three minutes after main HID lamp strikes and reaches approximately 40% light output.
Activation: At (initial) Cold Start or Restrike (after a momentary "Brown Out" or extended "Black Out" power interruption), through Run Down, Restrike and Ramp Up.

LQ1 1,2² LiteMatic Hot/Cold Quartz Restrike (separately wired) (120V)
Externally controlled emergency lighting from a separate power source. Quartz lamp is extinguished once power is restored.
To ensure integrity of the emergency lighting system, LQ1 leads should be hardwired.
Activation: At "Black Out" conditions only. Normal HID operation will occur at all other times.

CSR Auxiliary Quartz Operation



Normal Start: Quartz lamp energized until main HID lamp strikes.

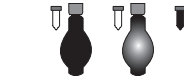


HID Lamp Reaches Full Brightness: Auxiliary quartz lamp extinguished when main HID lamp strikes. (Takes 3 minutes to reach approx. 40% brightness.)

LQ Auxiliary LiteMatic Quartz Operation



Normal Start: Quartz lamp energized at initial cold start or at restrike after a temporary power interruption.

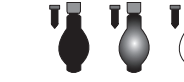


Quartz Lamp Remains on during Ramp Up: Besides providing illumination while the main HID lamp reaches full brightness, the warmth provided by the quartz lamp helps to create a favorable restrike condition for the main HID lamp (useful in extreme cold temperatures).

LQ1 Emergency Quartz Operation



At AC Power Interruption: During AC line voltage power interruption, auxiliary quartz lamp is automatically energized by separately wired power source.



Once Power is Restored, Quartz Lamp Automatically Extinguishes: Used specifically for emergency lighting during "Black Out" periods, or times of extended power interruption. (Takes approximately 3 minutes for HID lamp to reach full brightness.)

Notes: 1. Fusing not available with any restrike options ('CSR','LQ','LQ1') 2. 'SP' optics not available with any restrike options ('CSR','LQ','LQ1') 3. 'LQ' restrike option not available with MasterColor Elite lamps.

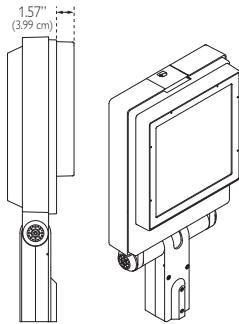
External Shielding Pre-attached

BD Barn Doors
Available Q1-2012

Lens Option Details (Includes factory installed lens holder that can hold up to two lenses, or one lens option and the stone guard option.)

External Lens Holder

(included with any lens option or stone guard option)
(ships installed)

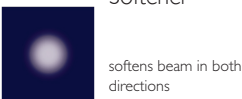


Spread Lenses May be combined with a color or color temp lens. Beam images are for reference only.

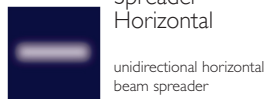
Clear Glass (standard)



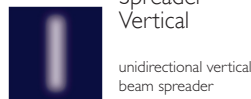
BSO Beam Softener



HLBSP Beam Spreader Horizontal



VLBSP Beam Spreader Vertical



Color Lenses

SGFBL Solgel Blue Filter
Lee/Rosco equivalent: Medium blue 132

SGFLB Solgel Light Blue Filter
Lee/Rosco equivalent: Marine blue 131

SGFYE Solgel Yellow Filter
Lee/Rosco equivalent: Yellow 101

SGFGN Solgel Green Filter
Lee/Rosco equivalent: Primary green 139

SGFMG Solgel Magenta Filter
Lee/Rosco equivalent: Calcolor Pink 4890

Color Temp Lenses

	installed lamp CCT (no filter)	approx. % change with filter	resulting CCT with filter
WAF1 Warm n°1 Solgel Filter	3000 K	-23.3%	2300 K
WAF2 Warm n°2 Solgel Filter	3000 K	-16.7%	2500 K
WAF3 Warm n°3 Solgel Filter	3000 K	-10.0%	2700 K
COF2 Cool n°2 Solgel Filter	3000 K	+26.7%	3800 K
COF3 Cool n°3 Solgel Filter	3000 K	+16.7%	3500 K
COF4 Cool n°4 Solgel Filter	3000 K	+10.0%	3300 K

Color Temp Lenses are used to adjust the color temperature of the existing lamp to a warmer or cooler CCT depending on the surface to be illuminated. Approximate percentage change in CCT (warmer or cooler) with filter is shown. Results can vary by lamp type, source, and optical distribution.

DFS5 Series

DecoFlood Large Square - 200-400W HID

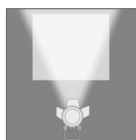
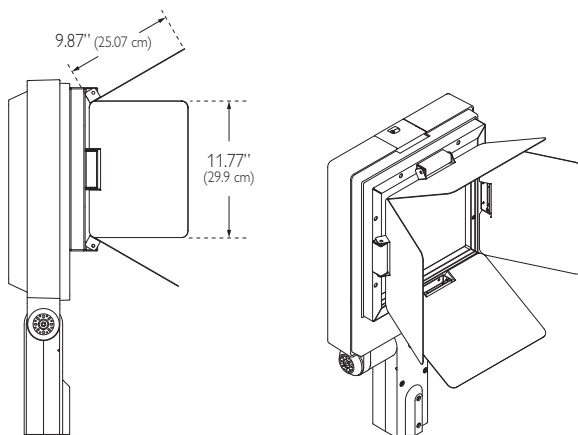
Type:

Job:

Page 9 of 12

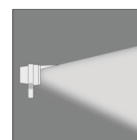
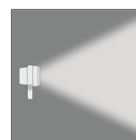
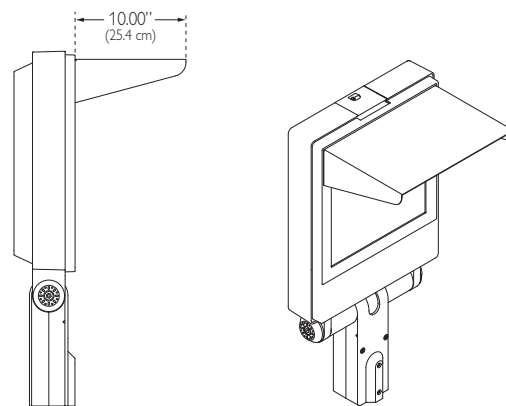
External Shielding Accessory Details (black unless otherwise specified) (must be ordered separately) (beam images are for reference only)

BD-DFS5 Barn Doors



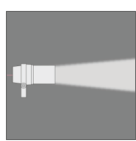
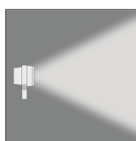
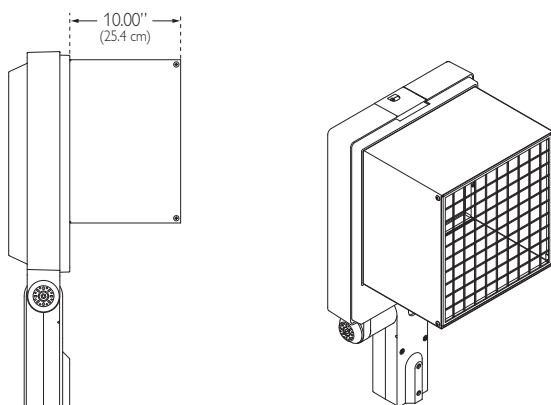
Helps to frame beam and increase visual comfort without impairing the main distribution.

TS-DFS5 Top Shield (visor)



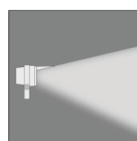
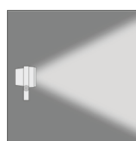
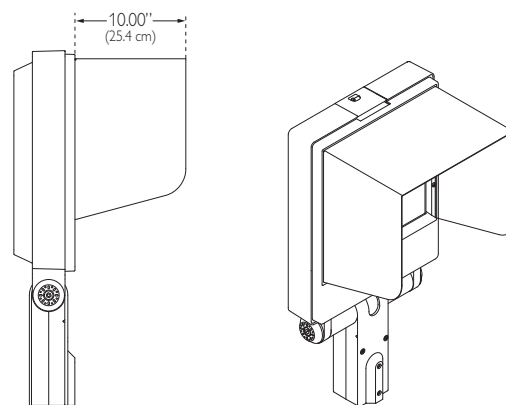
Helps to increase visual comfort from certain viewing angles without impairing the main distribution.

4S-DFS5 Four Sided Shield



Helps to limit glare and spill light in all directions.

3S-DFS5 Three Sided Shield



Helps to increase visual comfort from certain viewing angles without impairing the main distribution.

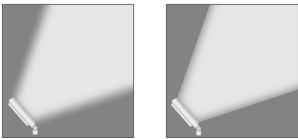
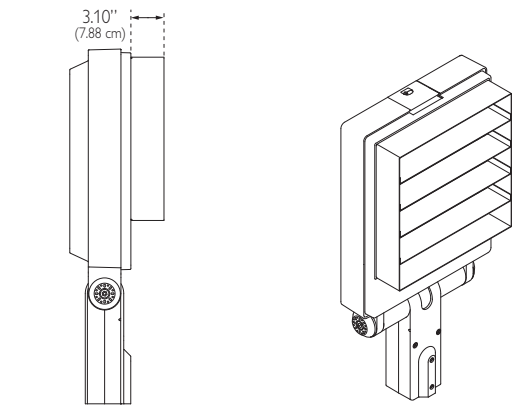
DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:	Job:	Page 10 of 12
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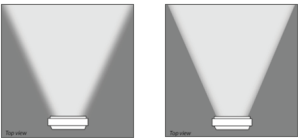
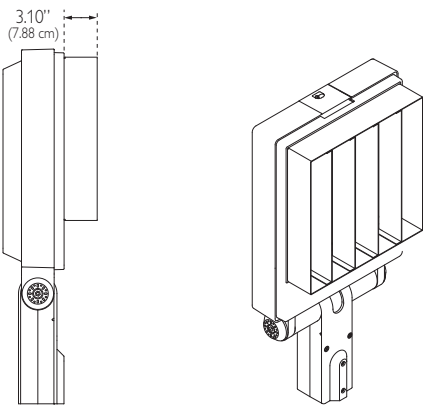
External Shielding Accessory Details (continued) (black unless otherwise specified) (must be ordered separately) (beam images are for reference only)

HL-DFS5 Horizontal Louvers



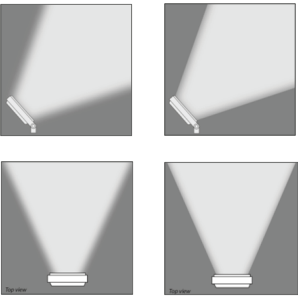
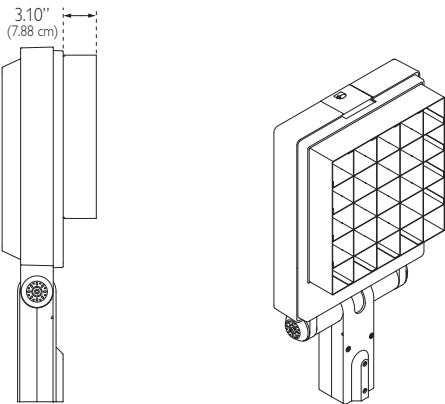
Helps to frame the vertical beam and increase visual comfort from certain viewing angles.

VL-DFS5 Vertical Louvers



Helps to frame the horizontal beam and increase visual comfort from certain viewing angles.

EC-DFS5 Eggcrate Louvers



Helps to frame the horizontal & vertical beam and increase visual comfort from most viewing angles.

DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:	Job:	Page 11 of 12
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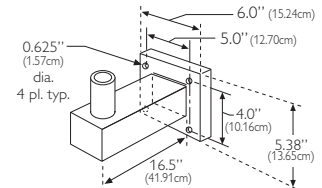
Swivel Mount Accessory Details (must be ordered separately) (F = specify finish)

WMB-16.5-(F)

Wall Mounting Bracket

2-3/8" O.D. vertical tenon welded to extruded aluminum arm with removable end cap for wiring. Arm is bolted to a cast aluminum plate that has four 5/8" diameter mounting holes.

Suitable for mounting single luminaire only.
Mounting hardware by others.

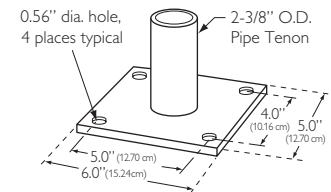


SMT-2-(F)

Surface Mounted Tenon

2-3/8" O.D. aluminum tenon welded to a flat aluminum plate with four 1/2" diameter mounting holes.

Single floodlight may be pad mounted or wall mounted.
Mounting hardware by others.

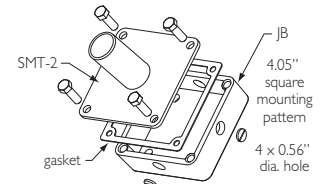


JB-VMT-(F)

Junction Box with SMT-2

For mounting to flat surfaces when using surface mount conduit.

Box has four 1/2" pipe entrances.
Mounting hardware by others.



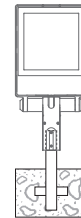
SM-18-(F)

18" Stanchion Mount

Stanchion mounting allows stable positioning of vertical tenon member in aggregate or substrate.

2-3/8" O.D. aluminum tenon welded to a 2-7/8" stanchion.

Standard length: 18"



PTA-2180-16.5-(F)

Pole Top Adapter, 2@180

Vertically mounted 2-3/8" O.D. tenons welded to extruded aluminum arms with removable end cap for wiring. Arms bolted to cast aluminum pole top bracket. Fits poles having a 2-3/8" O.D. x 4" vertical tenon.

PTA-2090-16.5-(F)

Pole Top Adapter, 2@90

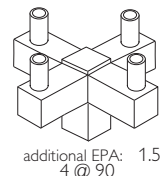
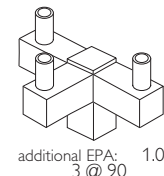
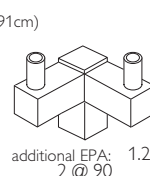
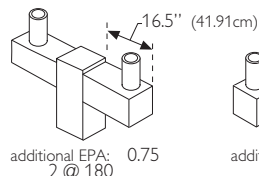
Components shipped separately. Field assembly required.

PTA-3090-16.5-(F)

Pole Top Adapter, 3@90

PTA-4090-16.5-(F)

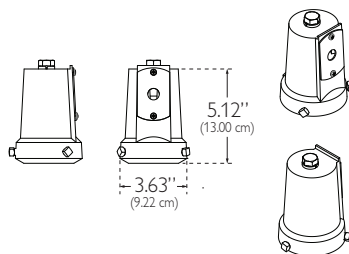
Pole Top Adapter, 4@90



Yoke Mount Accessory Details (must be ordered separately) (F = specify finish)

MF4-(F)

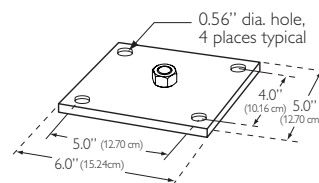
Slip Fitter
(fits 2-3/8" O.D. tenon)



BP-(F)

Surface Mount Base Plate

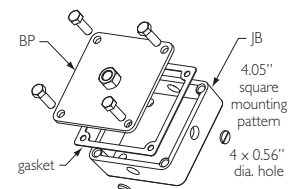
Flat aluminum plate with four 1/2" diameter mounting holes. Single floodlight may be pad mounted or wall mounted.
Mounting hardware by others.



JB-BP-(F)

Junction Box with BP

For mounting to flat surfaces when using surface mount conduit. Box has four 1/2" pipe entrances.
Mounting hardware by others.



DFS5 Series

DecoFlood Large Square - 200-400W HID

Type:	Job:	Page 12 of 12
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Notes



ISO 9001
Certified



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