

Project Name:
Qty: Type:
Product Number:

FEATURES

- ▶ Low-glare parabolic baffle.
- ▶ Custom finishes available.
- ▶ Slim profile - ADA compliant.

SPECIFICATIONS

Lumens:	CCT:	CRI:	Voltage:	Efficacy:
Medium 400 Lm/ft	Standard: 3000K	90	Standard: 120 - 277V AC	83 Lm/W - 110 Lm/W (depending on options and finishes)
High 650 Lm/ft	3500K	80	Optional: 347V AC	
(Custom lumen outputs available upon request)*	4000K			

Electrical:	Dimming:	Lifespan:	Finish:
4 - 8 W/ft PF > 0.9 THD < 9.8%	Standard: 0-10V 1% Optional:* 0-10V 10% 0-10V 5% Dim to O Step Dimming	Standard: L70 > 100,000 hr. @ 25° C	Standard: Matte / Gloss White / Black (Custom finish upon request)*

Optics:	Operating temp:
Direct Standard: Medium beam angle - flat, light frosted PC lens with aluminum baffle.	-25°C to 35°C (-13°F to 95°F)

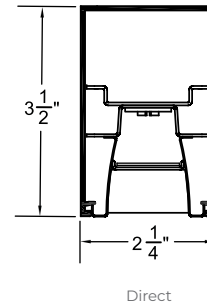
Housing:	Baffle:	Warranty:	Certification:
Extruded aluminum with powder coated finish.	Snap-in baffle - 0.03" thick aluminum with 1.25" x 1.25" square cells.	Standard: 10 Year limited warranty.	ETL listed for dry or damp locations. UL listed. ADA compliant.

*Custom options may affect pricing and advanced lead times. Contact your local PAL Lighting rep for full information.

DISTRIBUTION OPTIONS



CROSS SECTION



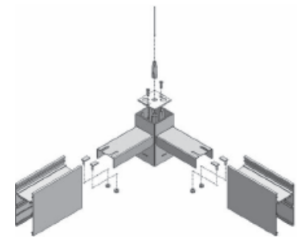
FORM / JOINER QUICK VIEW



90° joiners

"L" / "T" / "X"

2.25" square - non-illuminated.



Project Name:

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ORDERING EXAMPLE:

QP2-D HO K40 90 12 J PBMW FT1M UNV DIM10

1: FORM

2: OUTPUT

3: LENGTH

4: MOUNTING

SERIES	LUMENS (Direct)*	COLOR TEMPERATURE	COLOR RENDERING	FIXTURE LENGTH	MOUNTING*
QP2-D Quadracel LED Linear - 2" Direct only	HO High Output 650 Lm/ft	K30 3000 Kelvin	80 80 CRI	 Custom length*	J Wall Ceiling mounted
	MO Medium Output* 400 Lm/ft	K35 3500 Kelvin	90 90 CRI		
	** Custom Output	K40 4000 Kelvin			

*Enter requested length as single value.

Lengths start at 2' and are based on 1' nominal increments.

Ex. 8 = 8'

*Additional mounting options available - see separate spec on www.pal-lighting.com

For custom outputs enter requested Lm/Ft. Custom ex. **700** would be 700 Lm/ft.

5: OPTICS

6: FINISH

7: ELECTRICAL

8: EMERGENCY BACKUP & CONTROLS (Optional)

DIRECT BAFFLE	HOUSING FINISH	VOLTAGE	DRIVER	SENSOR OPTIONS	EMERGENCY OPTIONS	CONTROLS
PBMW Parabolic baffle, matte white.	F01M WHITE - MATTE	UNV 120 - 277VAC	DIM1 0-10V 1%	OCC Occupancy/Motion Sensor (Integral Mount)	EBPH Emergency Battery Pack (self-testing)	0-10V 0-10V dimming
PBFS Parabolic baffle, full specular - "Mirro".	FT1M BLACK - MATTE	120 120VAC	DIM0 0-10V 0%			
PBSS Parabolic baffle, semi specular .	F01G WHITE - GLOSS	277 277VAC	DIM5 0-10V 5%	DS Daylight/Photocell Sensor (Integral Mount)		CASAMBI Wireless controls with Casambi
PBCC Parabolic baffle, custom powder coat.	FT1G BLACK - GLOSS	347 347VAC	DIM10 0-10V 10%			
	F12 Ultrasonic Clear - Aluminum semi-gloss.		SD Step-Dimming			
	FXX Reference additional color codes on page 4.					
	Custom Color Enter RAL #					

JOINERS

L Corners	JOINER FINISH	T Corners	JOINER FINISH	X Corners	JOINER FINISH
QS2 D L90 "L" joiner - direct linear height, 90° angle	FXX Reference additional color codes on page 4.	QS2 D T "T" joiner - direct linear height, 90° angle	FXX Reference additional color codes on page 4.	QS2 D X "X" joiner - direct linear height, 90° angle	FXX Reference additional color codes on page 4.
	Custom Color Enter RAL #		Custom Color Enter RAL #		Custom Color Enter RAL #



Project Name:

Qty:

Type:

Product Number:

PHOTOMETRY

High Output - Direct

White Aluminum Snap-in Baffle w/Acrylic Overlay

Catalog Number: QP2-HO-K40-80-4'-X-PBMW-120

Report Number: #LLIA001357-005.ies

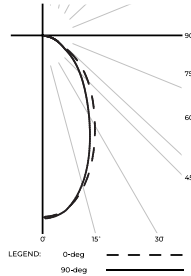
Description: Extruded Aluminum Housing with White Aluminum Reflector and White Baffle with Acrylic Overlay.

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 83.4 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 82



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	1166	43.0
0- 40	1676	61.8
0- 60	2405	88.7
0- 90	2710	100.0
90- 180	0	0.0
0- 180	2710	100.0

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1898	1898	1898	1898	1898
5	1861	1859	1863	1870	1873
15	1620	1617	1603	1589	1579
25	1244	1224	1184	1150	1135
35	903	856	798	768	766
45	637	581	525	510	516
55	393	363	331	316	313
65	185	182	181	178	177
75	97	94	91	91	90
85	22	22	21	21	21
90	0	0	0	0	0

Medium Output - Direct

White Aluminum Snap-in Baffle w/Acrylic Overlay

Catalog Number: QP2-MO-K40-80-4'-X-PBMW-120

Report Number: #LLIA001357-002.ies

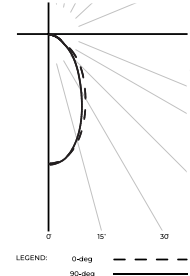
Description: Extruded Aluminum Housing with White Aluminum Reflector and White Baffle with Acrylic Overlay.

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise lay-out.

Total Luminaire Efficacy = 87.1 Lm/W

0% Up 100% Down

Color Rendering Index (CRI) = 83



ZONAL LUMEN SUMMARY

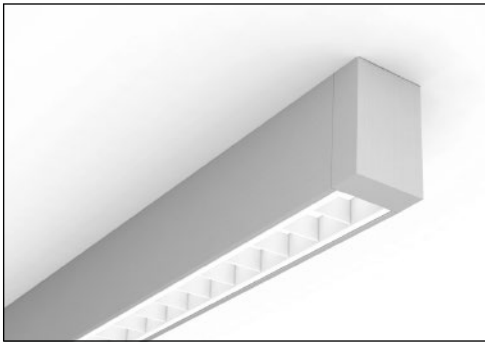
Zone	Lumens	%Fixture
0- 30	714	43.0
0- 40	1026	61.8
0- 60	1473	88.8
0- 90	1660	100.0
90- 180	0	0.0
0- 180	1660	100.0

CANDELA DISTRIBUTION

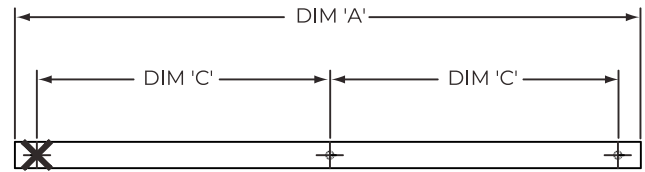
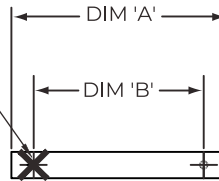
	0.0	22.5	45.0	67.5	90.0
0	1162	1162	1162	1162	1162
5	1139	1138	1140	1145	1146
15	992	990	981	972	966
25	762	750	725	704	694
35	553	524	488	470	469
45	390	356	322	312	316
55	241	222	203	194	192
65	114	111	111	109	109
75	59	58	56	56	55
85	14	13	13	13	13
90	0	0	0	0	0

STANDARD LINEAR LENGTHS AND MOUNTING CENTERS

Ceiling Mounting



FEED ENTRY POINT



NOM. FIXTURE LENGTH	O.A. FIXTURE LENGTH	MOUNTING CENTERS	MOUNTING CENTERS
	DIM 'A'	DIM 'B'	DIM 'C'
24"	24 13/16"	17 13/16"	-----
36"	36 13/16"	18 13/16"	-----
48"	48 13/16"	30 13/16"	-----
72"	71 5/8"	53 5/8"	-----
96"	95 5/8"	77 5/8"	-----
144"	142 7/16"	-----	62 7/32"

Project Name:

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ADDITIONAL FINISHES

F01M
WHITE - MATTE

F01G
WHITE - GLOSS

F11M
BLACK - MATTE

F11G
BLACK - GLOSS

F10
BRONZE

F12
ULTRASONIC CLEAR

F02
IVORY

F03
STONE WASH

F05
GRAY DAY

F07
STEEL

F08
GRAY SEAL

F09
MOCHA

F04
CAMEL

F06
PEBBLE BEACH

F14
RED SKIES

F15
LEMON

F16
FOREST HUNTER

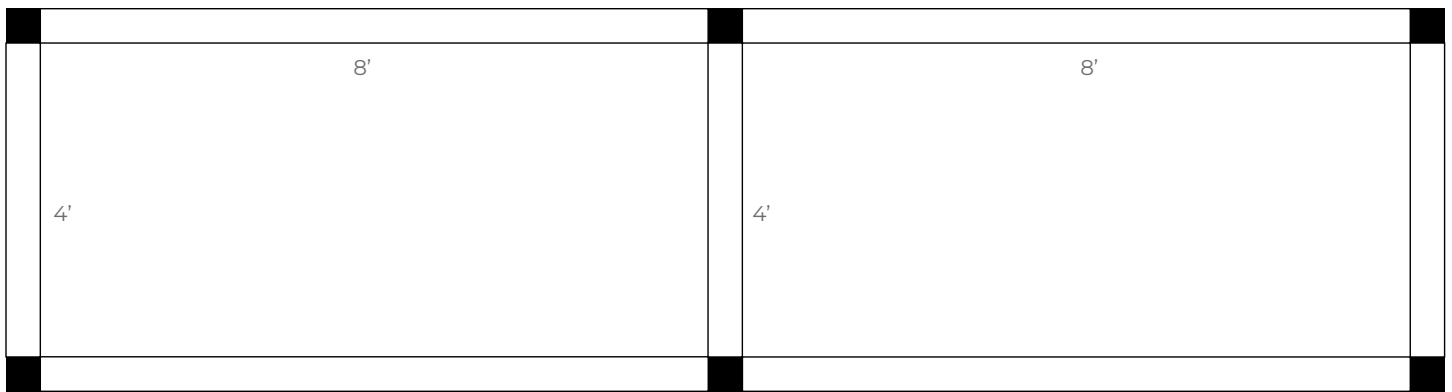
F20
BLUE PRINT

F21
REFLEX BLUE

F22
NAVY

BOM EXAMPLE

Example 1



Example 1 BOM

Qty.	Product Number
4	QS2-D HO K35 90 8 J PBSS F11M UNV DIM0
3	QS2-D HO K35 90 4 J PBSS F11M UNV DIM0
4	QS2 D L90 F11M
2	QS2 D T F11M