

Project Name:

Qty:

Type:

Product Number:

FEATURES

- Low-glare parabolic baffle.
- Custom finishes available.
- Slim profile - ADA compliant.
- 3 types of recessed trim.

SPECIFICATIONS

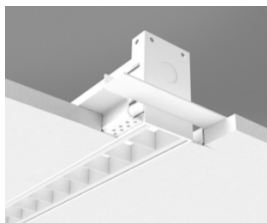
Lumens:	CCT:	CRI:	Voltage:	Efficacy:
Medium 400 Lm/ft	Standard: 3000K	90	Standard: 120 - 277V AC	83 Lm/W - 110 Lm/W (depending on options and finishes)
High 650 Lm/ft	3500K	80	Optional: 347V AC	
(Custom lumen outputs available upon request)*				

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: White trim

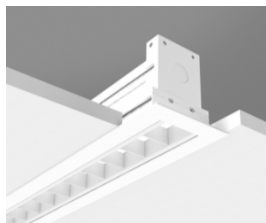
Optics:	Operating temp:
Direct Standard: Medium beam angle - flat, light frosted PC lens with aluminum baffle.	-25°C to 35°C (-13°F to 95°F)

Housing:	Baffle:	Warranty:	Certification:
Extruded aluminum with powder coated baffle and trim.	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.

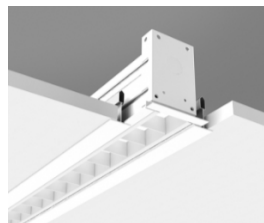
*Custom options may affect pricing and advanced lead times. Contact your local PAL Lighting rep for full information.



Spackle Flange



Overlap Flange



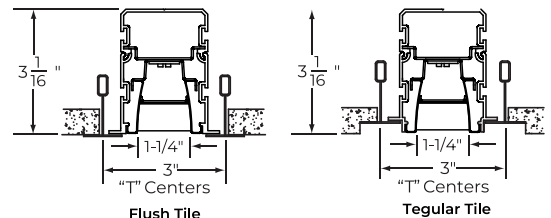
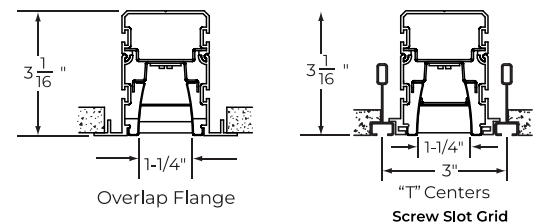
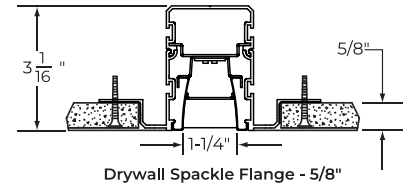
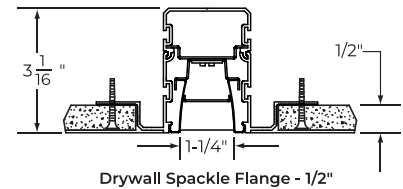
T-Grid Flange

DISTRIBUTION OPTIONS



Direct

CROSS SECTIONS



ORDERING GUIDE

QuadraCel SERIES - Recessed mount

Project Name:

Qty:

Type:

Product Number:

ORDERING EXAMPLE:

QR2 HO K40 90 12 OF YK PBMW UNV DIM10

1: FORM

2: OUTPUT

3: LENGTH

4: MOUNTING

SERIES	LUMENS (Direct)*	COLOR TEMPERATURE	COLOR RENDERING	FIXTURE LENGTH	CEILING TYPE
QR2 Quadracel LED Linear - 2" Recessed mount	HO High Output 650 Lm/ft	K30 3000 Kelvin	80 80 CRI	<div><div></div><div>Custom length*</div></div> <p>*Enter requested length as single value.</p> <p>Lengths start at 2'and are based on 1' nominal increments.</p> <p>Ex. 8 = 8'</p>	OF* Drywall (Overlap Flange)
	MO Medium Output* 400 Lm/ft	K35 3500 Kelvin	90 90 CRI		SF1* Drywall (1/2" Spackle Flange)
		K40 4000 Kelvin			SF5* Drywall (5/8" Spackle Flange)
	<div><div></div><div>** Custom Output</div></div> <p>*For custom outputs enter requested Lm/Ft. Custom ex. 700 would be 700 Lm/ft.</p>				FT T-Grid (15/16" or 9/16" Grid with Flush Tile)
				TT T-Grid (15/16" or 9/16" Grid with Tegular Tile)	
				SG Screw Slot Grid	

*Requires "Mounting Type" specified.

4: MOUNTING

5: OPTICS

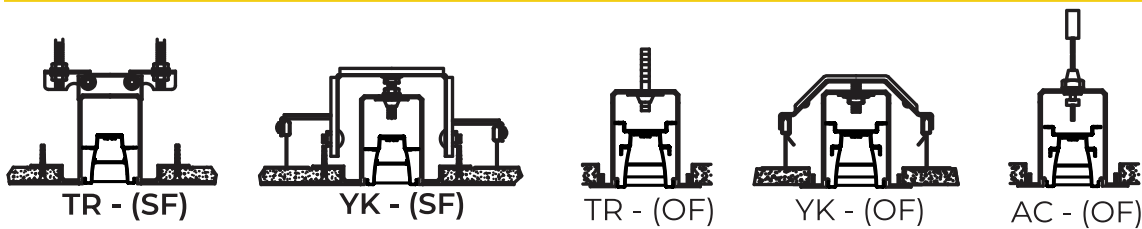
6: ELECTRICAL

8: EMERGENCY BACKUP & CONTROLS (Optional)

MOUNTING TYPE*		DIRECT BAFFLE		VOLTAGE		DRIVER		SENSOR OPTIONS		EMERGENCY OPTIONS		CONTROLS	
	TR 1/4-20 Threaded Rod (OF or SF Ceiling type only.)		PBMW Parabolic baffle, matte white.		UNV 120 - 277VAC		DIM1 0-10V 1%	OCC Occupancy/Motion Sensor (Integral Mount)	EBPH Emergency Battery Pack (self-testing)				0-10V 0-10V dimming
	YK Adjustable Yoke (OF or SF Ceiling type only.)		PBFS Parabolic baffle, full specular - "Mirro".		120 120VAC		DIM0 0-10V 0%					DS Daylight/Photocell Sensor (Integral Mount)	
	AC Adjustable Aircraft Cable (OF Ceiling type only.)		PBSS Parabolic baffle, semi specular .		277 277VAC		DIM5 0-10V 5%	DIM10 0-10V 10%					
			PBCC Parabolic baffle, custom powder coat.		347 347VAC		SD Step-Dimming						
*For T-Grid ceilings, leave this part blank.													

*For T-Grid ceilings, leave this part blank.

MOUNTING TYPE CROSS SECTIONS



Project Name:

Qty:

Type:

Product Number:

PHOTOMETRY

High Output - Direct

White Aluminum Snap-in Baffle w/Acrylic Overlay

Report Number: #LLIA001357-005.ies

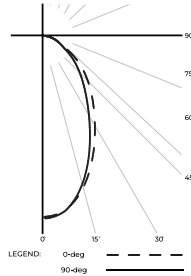
Description: Extruded Aluminum Housing with White Aluminum Reflector and White Baffle with Acrylic Overlay.

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

Report Number: #LLIA001357-002.ies

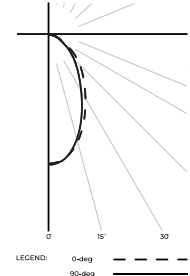
Description: Extruded Aluminum Housing with White Aluminum Reflector and White Baffle with Acrylic Overlay.

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

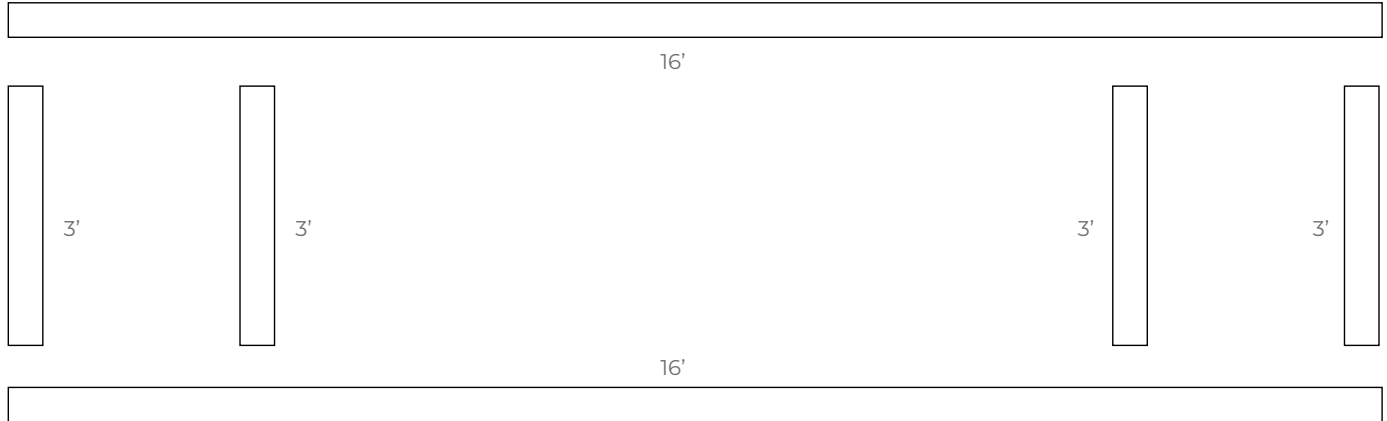
Zone	Lumens	%Fixture
0- 30	714	43.0
0- 40	1026	61.8
0- 60	1473	88.8
0- 90	1660	100.0
90- 180	0	0.0
0- 180	1660	100.0

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

BOM EXAMPLE

Example 1



Example 1 BOM

Qty.	Product Number
2	QR2 HO K35 90 16 SF1 YK PBSS UNV DIMO
4	QR2 HO K35 90 3 SF1 YK PBSS UNV DIMO