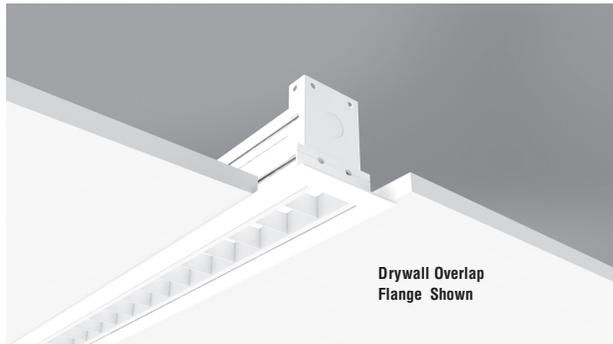


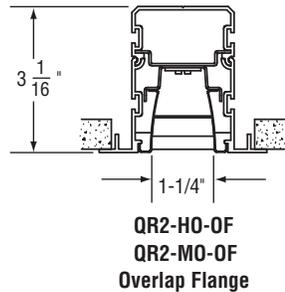
QuadraCel™ Recessed Series 2 - Baffle

(1-1/4" Luminous Aperture)



| | |
|----------------|------|
| Catalog Number | Type |
| Project Name | |

Overlap Flange - Drywall or Other Hard Ceilings



*Due to continued advancement in LED technology, lumen performance is subject to change. Please visit our website for the most up-to-date information.

Note: LED drivers are factory programmable. Custom lumen outputs are available at no additional charge. Consult factory.

Note: Lighted test switch for emergency battery packs is remote mounted.

S P E C I F I C A T I O N S

Housing

Three-piece extruded aluminum available in single sections up to 8' long. Standard flange finish is satin white.

Optical Control

(PBXX) Snap-in baffle constructed of .030" thick aluminum with nominal 1.25" X 1.25" square cells, and includes .040" thick acrylic overlay. Standard baffle finishes:

- (PBMW) Matte White
- (PBFS) Full Specular - 'Mirro'
- (PBSS) Semi-Specular
- Custom baffle finishes:
- (PBCC) Custom Finish - Baked Powder Coat (Contact factory)

Reflector/Heat Sink

.040" thick die-formed aluminum finished with a high reflectance white enamel.

Integral Controls

Contact factory for daylight and/or occupancy sensor controls.

Circuitry

All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Driver

Osram-Sylvania "Optotronic" power supply is UL/CUL recognized, 0-10V dimming available, 120-277 universal voltage.

Light Engine

Mid-power LED module with quad-emitter arrangement centered over each baffle cell providing optimum uniformity and performance. Available in 3000K, 3500K, and 4000K CCT, and 80 or 90 CRI. Available outputs: (Using Matte White painted baffles.)

HO - High Output

*2710 Total Del'd Lumens at 32 System Watts (Values per 4' using 4000K LED modules)

MO - Medium Output

*1660 Total Del'd Lumens at 19 System Watts (Values per 4' using 4000K LED modules)

Wiring

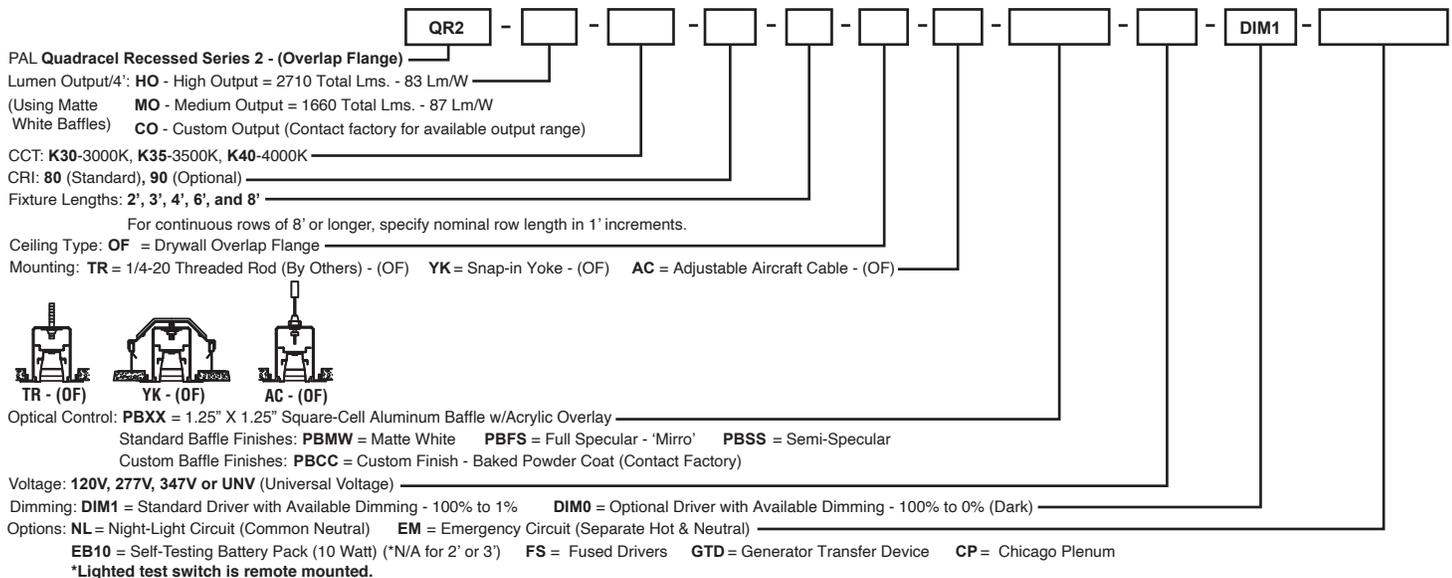
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Certification

Fixtures are ETL listed for use in 'Dry or Damp Applications'. Conforms to UL Standard #1598 and to CAN/CSA Standard #C22.2No.250.0.

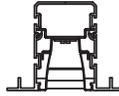
Sample Catalog Number:

QR2 - HO - K40 - 80 - 4 - OF - YK - PBMW - 120 - DIM1 - OPTIONS



Recessed

QR2-HO-K40-PBMW



High Output

White Aluminum Snap-in Baffle w/Acrylic Overlay

Catalog Number: QR2-HO-K40-80-4'-X-PBMW-120

Report Number: #LLIA001357-005.ies

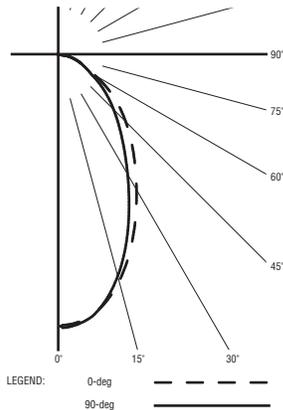
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and White Baffle with Acrylic Overlay.

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



Contact PAL factory for photometric data using baffles other than Matte White.

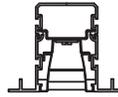
ZONAL LUMEN SUMMARY

| 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 |

QR2-MO-K40-PBMW



Medium Output

White Aluminum Snap-in Baffle w/Acrylic Overlay

Catalog Number: QR2-MO-K40-80-4'-X-PBMW-120

Report Number: #LLIA001357-002.ies

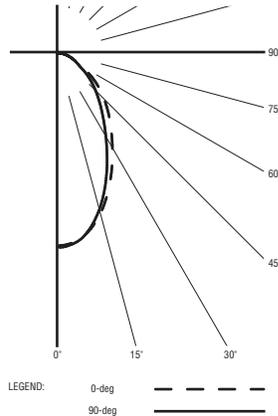
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and White Baffle with Acrylic Overlay.

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 |

For more information, visit our website at www.pal-lighting.com



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