

R1700 Series 2x2 Flange Mount Recessed Square Racquet Ball Court Luminaire

Specifications

Mounting Frame: 20 gauge (.036") cold rolled steel (C.R.S.) die formed and welded construction with adjustable Uni-Lug levelers, for ceiling thickness of 1/2" minimum to 3-3/4" maximum. Painted sky white. See finish note.

Reflector

Aluminum .032" fabricated into one piece construction finished high gloss white 90% reflectance polyester powder coating. See finish note.

Door Frame

20 gauge (.036") C.R.S. gasketed with two 1/4 turn, spring loaded, captive, countersunk fasteners, concealed stainless steel hinging, painted sky white. See finish note.

Lens

Corning #73 prismatic tempered glass silicone caulked to door frame.

Ballast

Pre-wired C.W.A., H.P.F. core and coil with capacitor standard. Encased and potted ballast available 120V or 277V only.

Thermal Device

Automatic resetting heat sensitive device for non-IC installations. Protects fixture from overheating if insulation covers fixture.

Lamp

Clear, metal halide, mogul base (by others).

Lamp Holder

Hi-heat porcelain, 4 K.V. rated, w/nickel plated copper screw shell, spring loaded center contact, lamp grips, SF-2 leads (200° C). Impregnated gasket.

Finish

All painted parts are washed in alkaline solution, rinsed in an iron phosphate, baked dry, then painted with a TGIC polyester powder coating electrostatic applied and baked.

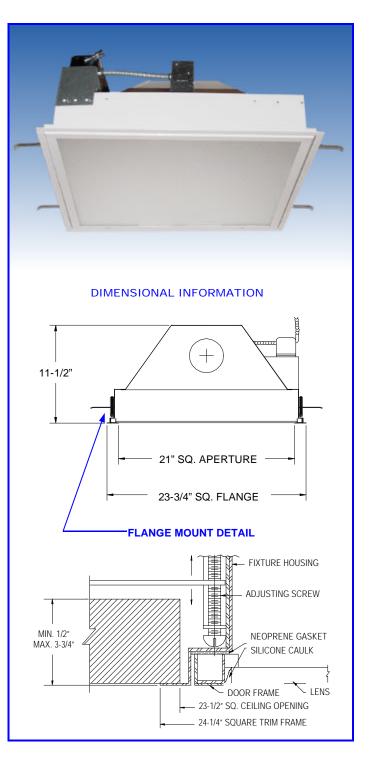
Labels

 $\mbox{U/L}$, CU/L listed suitable for damp location. I.B.E.W. labeled. For wet location label, contact factory.

Photometric Information

Contact factory or visit www.escolighting.com.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE







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HOW TO ORDER

Use the table below to choose the R1700 series fixture of your choice. Select a number from each list that corresponds to a specific feature unique to your desired requirements.

EXAMPLE: R1728EP-4 = 2X2 Flange mount 400W metal halide, encased and potted ballast, 277V.

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	Wattage												Voltage						
	Core and Coil** or Encased and Potted Ballast*								Pulse start core and coil** ballast.						1 = 120V 2 = 208V 3 = 240V				
	6= 175W									17= 175W					4= 277∨				
	7= 250W									20=	= 20	0W			5= 480∨				
	8= 400W										25= 250W					7= 220V			
				alog n Id pot				for			32=	= 32	20W			:		lulti-Ta /ired fo	
				1							35=	= 35	W0					77V	
				alog bil ep							40=	= 40	0W			9		lulti-Ta nwired	
											45=	= 45	W0				u 0= 3		
																	- J	- 7 V	
								Tvp	ical	Race	auet	Bal		urt =					
55.1	59.1	62.9	66.3	68.9	71 1	72.4			ical		-				68.4	65.6	62.2	58.5	54.4
55.1	59.1	62.9	66.3	68.9	71.1	72.4			ical 74.1		-				68.4	65.6	62.2	58.5	54.4
55.1 57.9	59.1 62.6			68.9 73.4		72.4 77.5	73.4		74.1		73.7	73.3		70.7				58.5 62.2	
		66.8	70.6			77.5	73.4 78.7	73.8 79.1	74.1	74.1	73.7 79.0	73.3 78.6	72.1 77.3	70.7 75.8	73.2	70,1	-66.3		57.5
57.9	62.6 65.3	66.8	70.6 73.9	73.4 77.0	75.9 79.7	77.5	73.4 78.7 82.7	73.8 79.1 83.2	74.1 79.5 83.5	74.1 79.5 83.5	73.7 79.0 83.0	73.3 78.6 82.5	72.1 77.3 81.2	70.7 75.8 79.5	73.2	70.1 73.3	-66.3	62.2	57.5 59.9
57.9 60.4 62.3	62.6 65.3 67.4	66 <mark>68</mark> 69.8 72.2	70.6 73.9 76.4	73.4 77.0 79.7	75.9 79.7 82.5	77.5 81.4 84.3	73.4 78.7 82.7 85.6	73.8 79.1 83.2 86.0	74.1 79.5 83.5 86.4	74.1 79.5 83.5 86.3	73.7 79.0 83.0 85.8	73.3 78.6 82.5 85.3	72.1 77.3 81.2 83.9	70.7 75.8 79.5 82.0	73.2 76.7 79.1	70-1 73:3 75.5	66.3 69.2 71.2	62.2 64.8 66.5	57.5 59.9 61.4
57.9 60.4 62.3 63.3	62.6 65.3 67.4 68.5	66 <mark>68</mark> 69.8 72.2 73.4	70.6 73.9 76.4 77.7	73.4 77.0 79.7 81.1	75.9 79.7 82.5 84.0	77.5 81.4 84.3 85.7	73.4 78.7 82.7 85.6 87.0	73.8 79.1 83.2 86.0 87.4	74.1 79 5 83.5 86.4 87.8	74.1 79.5 83.5 86.3 87.7	73.7 79.0 83.0 85.8 87.2	73.3 78.6 82.5 85.3 86.7	72.1 77.3 81.2 83.9 85.2	70.7 75.8 79.5 82.0 83.3	73.276.779.180.3	70.1 73.3 75.5 76.6	66.3 69.2 71.2 72.2	62.2 64.8 66.5 67.3	57.5 59.9 61.4 62.2
57.9 60.4 62.3 63.3	62.6 65.3 67.4 68.5	66.8 69.8 72.2 73.4	70.6 73.9 76.4 77.7	73.4 77.0 79.7	75.9 79.7 82.5 84.0	77.5 81.4 84.3 85.7	73.4 78.7 82.7 85.6 87.0	73.8 79.1 83.2 86.0 87.4	74.1 79 5 83.5 86.4 87.8	74.1 79.5 83.5 86.3 87.7	73.7 79.0 83.0 85.8 87.2	73.3 78.6 82.5 85.3 86.7	72.1 77.3 81.2 83.9 85.2	70.7 75.8 79.5 82.0 83.3	73.276.779.180.3	70.1 73.3 75.5 76.6	66.3 69.2 71.2 72.2	62.2 64.8 66.5 67.3	57.5 59.9 61.4 62.2
57.9 60.4 62.3 63.3	62.6 65.3 67.4 68.5 68.5	66.8 69.8 72.2 73.4 73.4	70.6 73.9 76.4 77.7 77.7	73.4 77.0 79.7 81.1	75.9 79.7 82.5 84.0 84.0	77.5 81.4 84.3 85.7 85.7	73.4 78.7 82.7 85.6 87.0 87.0	73.8 79.1 83.2 86.0 87.4 87.4	74.1 79.5 83:5 86.4 87.8 87.8	74.1 79.5 83.5 86.3 87.7 87.7	73.7 79.0 83.0 85.8 87.2 87.2	73.3 78.6 82.5 85.3 86.7 86.7	72.1 77.3 81.2 83.9 85.2 85.2	70.7 75.8 79.5 82.0 83.3 83.3	 73.2 76.7 79.1 80.3 80.3 	70-1 73.3 75.5 76.6 76.6	66.3 69.2 71.2 72.2	62.264.866.567.367.3	57.5 59.9 61.4 62.2 62.2
57.9 60.4 62.3 63.3 63.3	62.6 65.3 67.4 68.5 68.5 67.4	6668 69.8 72.2 73.4 73.4 72.2	79.6 73.9 76.4 77.7 77.7 76.4	73.4 77.0 79.7 81.1 81.1	75.9 79.7 82.5 84.0 84.0 82.5	 77.5 81.4 84.3 85.7 85.7 84.3 	73.4 78.7 82.7 85.6 87.0 87.0 85.6	73.8 79.1 83.2 86.0 87.4 87.4 86.0	74.1 79.5 83:5 86.4 87.8 87.8	74.1 79.5 83.5 86.3 87.7 87.7 86.3	73.7 79.0 83.0 85.8 87.2 87.2 85.8	73.3 78.6 82.5 85.3 86.7 86.7 85.3	72.1 77.3 81.2 83.9 85.2 85.2 83.9	70.7 75.8 79.5 82.0 83.3 83.3 83.3	 73.2 76.7 79.1 80.3 80.3 79.1 	70-1 73.3 75.5 76.6 76.6 75.5	66.3 69.2 71.2 72.2 72.2 71.2	62.264.866.567.367.3	57.5 59.9 61.4 62.2 62.2 61.4

RoomLuminiare Esco R1728EP-4Lamp:400W Metal Halide40' x 20' x 20'Maximum:87.8Lumen Output:40,000ReflectanceMinimum:54.4Light Loss Factor:.70C80% - W50% - F20%Average:74.5Luminiare Spacing:14' x 12' on center.

55.1 59.1 62.9 66.3 68.9 71.1 72.4 73.4 73.8 74.1 74.1 73.7 73.3 72.1 70.7 68.4 65.6 62.2 58.5 54.4



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