LIGHT OUTPUT RATIO (LOR) OF MODULAR ELR FIXTURES PAIRED WITH RESPECTIVE LED MODULES OR LED ENGINES

ELR® bright ideas

ELR Fixture Category	ELR Fixture Series	ELR LED Modules / Engines and Beam Angles													
		20C, 20P 20CLE, 20PLE			COIN, 35N, 50N, 50C, 50P 50CLO, 50CLE, 50PLE				100C, 100P 100CLO, 100CLE, 100PLE				300P, 500P, 700P 300PLE, 500PLE		
		15°	25°	40°	10°	20°	35°	60°	12°	20°	35°	60°	15°	35°	60°
Reduced Glare Downlight Luminaire	Vasari 3 Pro	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Vasari 3	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Vasari 4	N/A	N/A	N/A	83%	93%	94%	96%	83%	94%	96%	96%	N/A	N/A	N/A
	Vasari 6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	94%	96%	96%	94%	94%	96%
	Veco 2	92%	93%	94%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Veco 3	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Veco 4	N/A	N/A	N/A	83%	93%	94%	96%	83%	94%	96%	96%	N/A	N/A	N/A
	Antares 3	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Pavo 3	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wall Wash Downlight Luminaire	Vasari 3 WW	N/A	N/A	N/A	N/A	N/A	N/A	76%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Vasari 4 WW	N/A	N/A	N/A	N/A	N/A	N/A	76%	N/A	N/A	N/A	73%	N/A	N/A	N/A
	Vasari 6 WW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	73%	N/A	N/A	73%
Pinhole Downlight Luminaire	Alti 3	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Castor 2	88%	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Castor 3 Mini	N/A	N/A	N/A	74%	87%	88%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Castor 4 Mini	N/A	N/A	N/A	74%	87%	88%	N/A	73%	89%	90%	N/A	N/A	N/A	N/A
	Eclipse 2	88%	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Eclipse 3 Pro	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Eclipse 3	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Eclipse 4	N/A	N/A	N/A	74%	87%	88%	82%	73%	89%	90%	83%	N/A	N/A	N/A
	Eclio 3	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Orion 2	N/A	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Snoot Downlight Luminaire	Artis 3	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Artis 4	N/A	N/A	N/A	74%	87%	88%	82%	73%	89%	90%	83%	N/A	N/A	N/A
	Piazzo 3	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Piazzo 4	N/A	N/A	N/A	74%	87%	88%	82%	73%	89%	90%	83%	N/A	N/A	N/A
Track Mount Luminaire	Snoop 3 Track	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 4 Track	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	94%	96%	96%	N/A	N/A	N/A
	Scope 3 Track	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Scorpius 3 Track	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Single Point Mount Luminaire	Snoop 2 Single Point	92%	93%	94%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 3 Single Point	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 4 Single Point	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	94%	96%	96%	N/A	N/A	N/A
	Scope 3 Single Point	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surface Mount Luinaire	Snoop 2 Surface	92%	93%	94%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 3 Surface	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 4 Surface	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	94%	96%	96%	N/A	N/A	N/A
	Veco 3 Surface	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Artis 3 Surface	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Artis 4 Surface	N/A	N/A	N/A	74%	87%	88%	82%	73%	89%	90%	83%	N/A	N/A	N/A
Wall Mount Luminaire	Snoop 2 Wall Mount	92%	93%	94%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 3 Wall Mount	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pendant Mount Luminaire	Snoop 3 Pendant	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 4 Pendant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	94%	96%	96%	N/A	N/A	N/A
High Bay Luminaire	Nova 6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94%	94%	96%
Outdoor Surface Mount Luminaire	Snoop 3 Surface	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 4 Surface	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	94%	96%	96%	N/A	N/A	N/A
	Nebula 2 Surface	88%	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 3 Surface	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 4 Surface	N/A	N/A	N/A	N/A	N/A	N/A	N/A	73%	89%	90%	83%	N/A	N/A	N/A
Outdoor Wall Mount Luminaire	Snoop 3 Wall Mount	N/A	N/A	N/A	83%	93%	94%	96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 2 Wal Mount	88%	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 3 Wall Mount	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 4 Wall Mount	N/A	N/A	N/A	N/A	N/A	N/A	N/A	73%	89%	90%	83%	N/A	N/A	N/A
Outdoor Canopy Luminaire	Snoop 3 Canopy	N/A	N/A	N/A	84%	92%	93%	92%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 4 Canopy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	93%	94%	93%	N/A	N/A	N/A
	Nebula 2 Canopy	88%	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 3 Canopy	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 4 Canopy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	73%	89%	90%	83%	N/A	N/A	N/A
Outdoor Tree Spike Luminaire	Snoop 3 Tree Spike	N/A	N/A	N/A	84%	92%	93%	92%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Snoop 4 Tree Spike	N/A	N/A	N/A	N/A	N/A	N/A	N/A	83%	93%	94%	93%	N/A	N/A	N/A
	Nebula 2 Tree Spike	88%	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 3 Tree Spike	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 4 Tree Spike	N/A	N/A	N/A	N/A	N/A	N/A	N/A	73%	89%	90%	83%	N/A	N/A	N/A
Outdoor In Ground Luminaire	Nebula 2 In Ground	88%	87%	86%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Nebula 3 In Ground	N/A	N/A	N/A	74%	87%	88%	82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A