

Contrast R

THORN

A high performance symmetrical floodlight available in three sizes with a wide selection of front glasses, refractors and attachments (UL/CSA listed for indoor/outdoor use, wet location)

Design:

- Neat appearance retained across range, with integral ballast for lamps from 39W to 400W
- Wide selection of attachments, which can be used in combination, allows for a variety of beam distributions
- Front glasses and refractors can be rotated to give alignment of the beam profile to suit the application
- Aiming simplified by indicator on yoke, with facility to lock memory position
- Yoke mount allows base support or suspension
- Hinged frame for easy access to light source. Lamp replacement possible without disturbing aiming angle or removing attachments
- Brackets available to offer mounting on vertical surface and retain full adjustment in both planes



Size 0



Size 1



Size 2

Materials/Finish

Body: Copper free die-cast aluminum, textured grey powder coated finish (close to RAL 9007). Alternative RAL colors on request.
Front lenses: 0.15" tempered glass.
Attachment retaining screws: nickel plated brass.
Reflector: specular MH or satin HPS anodized aluminum.

Installation/Mounting

Floodlight is fully adjustable on a short yoke. Yoke fixed to mount by central bolt hole 0.86" Ø, and 2 x 0.59" Ø holes at 3.93" either side of centre. Aiming simplified by indicator on yoke, locked via central 0.31" Ø Allen screw. Easy access to lamp via two Allen screws. Lamp replacement possible without removing attachments. Ballast compartment, with rear access panel, fixed below body. Entry via two Allen screws. Cable gland for 0.29"-0.51" Ø cable. Additional knock out provided for through wiring.

Specification

To specify state:
Symmetrical distribution floodlight, in choice of 3 sizes to accommodate 39W to 400W lamps, IP65 protected, integral ballast, and optional control attachments. As Thorn Contrast R.



Griffith Observatory

Photography: Mark Dell'Aquila

Prismatic Glasses



OMS—Stippled glass with narrow symmetrical beam



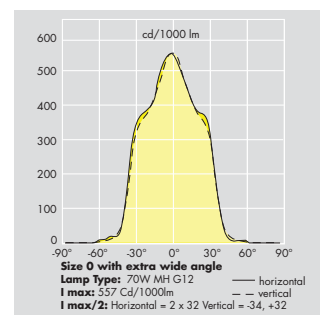
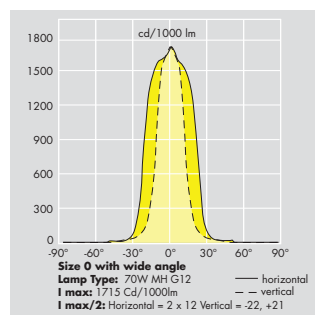
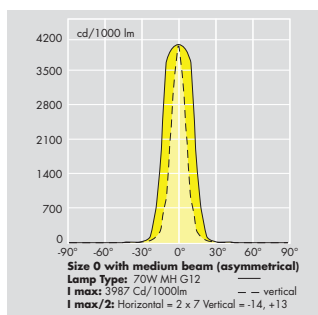
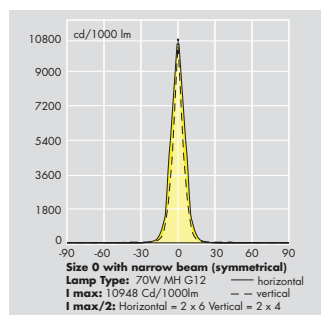
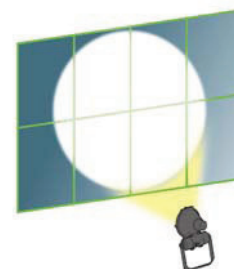
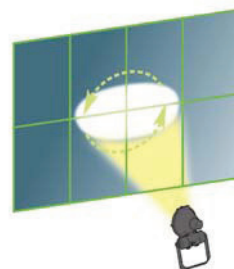
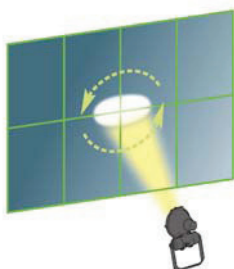
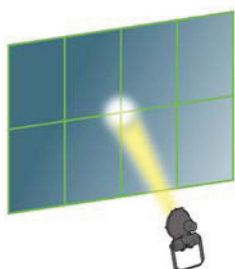
OMP—Prismatic glass with medium asymmetrical beam



OMW—Prismatic glass with wide angle asymmetrical beam



OME—Prismatic glass with extra wide angle symmetrical beam



Ordering Guide (Size 0 Small)

Description	Size Small	Wattage	Lamp Type	Base	Fixture Shell SAP Code
CON	R0	39	MH	G12	96002487
CON	R0	50	MH	G12	96002487
CON	R0	70	MH	G12	96002487
CON	R0	50	MH	MED	96002487
CON	R0	70	MH	MED	96002487
CON	R0	39	HPS	MED	96002487
CON	R0	50	HPS	MED	96002487
CON	R0	70	HPS	MED	96002487

Note: HPS fixtures available with medium base only.

Ordering Guide (Size 1 Medium)

Description	Size 1 Medium	Wattage	Lamp Type	Base	Fixture Shell SAP Code
CON	R1	70	MH	G12	96002441
CON	R1	100	MH	G12	96002441
CON	R1	150	MH	G12	96002441
CON	R1	70	MH	MED	96002441
CON	R1	100	MH	MED	96002441
CON	R1	150	MH	MED	96002441
CON	R1	175	MH	MED	96002441
CON	R1	200	MH	MED	96002441
CON	R1	70	HPS	MED	96002441
CON	R1	100	HPS	MED	96002441
CON	R1	150	HPS	MED	96002441

Ordering Guide (Size 2 Large)

Description	Size 2 Large	Wattage	Lamp Type	Base	Fixture Shell SAP Code
CON	R2	70	MH	MOG	9600214
CON	R2	100	MH	MOG	9600214
CON	R2	150	MH	MOG	9600214
CON	R2	175	MH	MOG	9600214
CON	R2	250	MH	MOG	9600214
CON	R2	400	MH	MOG	9600214
CON	R2	150	HPS	MOG	9600214
CON	R2	200	HPS	MOG	9600214
CON	R2	250	HPS	MOG	9600214
CON	R2	400	HPS	MOG	9600214

Refractors



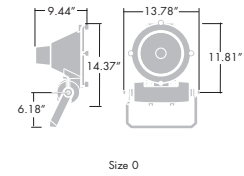
R1 Vitro ceramic glass with medium wide asymmetric



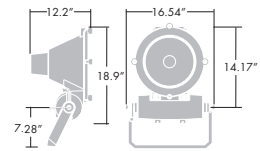
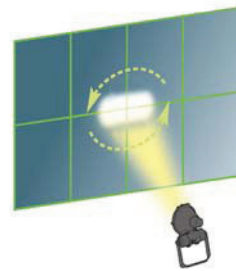
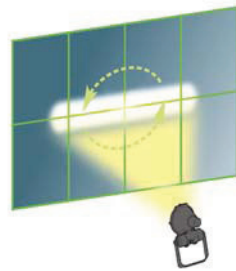
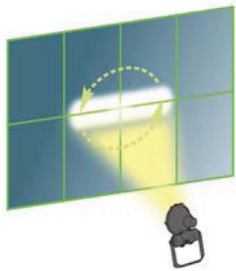
R2 Tempered glass with wide angle asymmetric beam



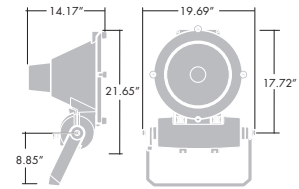
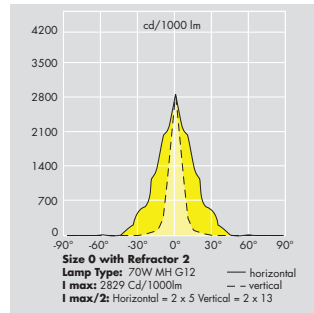
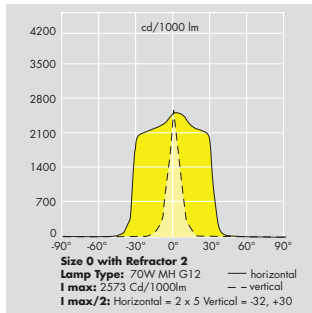
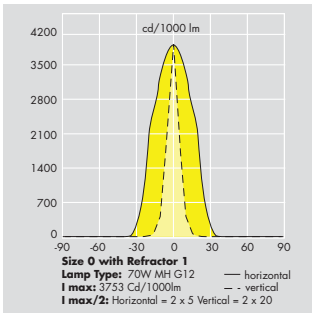
R3 Tempered glass with narrow/medium asymmetric beam



Size 0



Size 1



Size 2

Ordering Guide Lamps to be ordered separately. For complete fitting please order ballast tray, floodlight and attachment

Attachments

Description		Size 0 Wt (lb)	Size 0 SAP Code	Size 1 Wt (lb)	Size 1 SAP Code	Size 2 Wt (lb)	Size 2 SAP Code
Color Filters							
CON R FILTER/BLU	BLUE	1.98	96002493	2.64	96002455	3.53	96002420
CON R FILTER/GRN	GREEN	1.98	96002494	2.64	96002456	3.53	96002419
CON R FILTER/RED	RED	1.98	96002495	2.64	96002458	3.53	96002421
CON R FILTER/YEL	YELLOW	1.98	96002496	2.64	96002457	3.53	96002422
Consult factory for custom colors							
Refractors							
CON R1	NO 1	2.2	96002500	3.08	96002462	4.18	96001962
CON R2	NO 2	2.2	96002501	3.08	96002463	4.18	96002417
CON R3	NO 3	2.2	96002502	3.08	96002464	4.18	96001964
Prismatic Glasses							
CON R (OMS)	NARROW	2.2	96002503	3.08	96002465		
CON R (OMP)	MEDIUM	2.2	96002504	3.08	96002466		
CON R (OMW)	WIDE	2.2	96002505	3.08	96002467		
CON R (OME)	EXTRA WIDE	2.2	96002506	3.08	96002468		
CON C AGS (x1)**	BARN DOOR**	0.66	96002507	1.32	96002471	1.32	96002438
CON R LV	FIXED LOUVRE	1.54	96002508	2.2	96002469	2.2	96002415
CON R LV/AJ	ADJUSTABLE LOUVRE	1.54	96005841	2.2	96005838	2.2	96005839
CON R WG	WIRE GUARD	1.54	96002511	2.42	96002473	3.08	96002431
CON R FILTER/FR	SAND BLASTED GLASS	1.98	96002512	3.08	96002474	3.96	96002418
CON R VS	VISOR	0.88	96002516	1.32	96002518	1.76	96002520
Accessories							
CONTRAST BRA LG	LONG YOKE (98.4" - SIZE 0, 11.81" - SIZE 1 and 13.78" - SIZE 2)		96216177		96216176		96216178

** SAP No - Cat.No. supplies one baffle (for four baffles order four Barn doors)