

Robust 4, 5 recessed exterior downlight round dia. 5.71"

IP65 ◆ ▲ ▲ /EN 60598/CLASS I Ⓢ / ▽ / CE / IK08



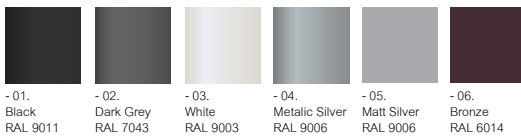
Suitable for wet locations

Robust 4 and 5 compact recessed interior and exterior downlight with a round front frame. The luminaires have excellent optical design, high efficiency and are easy to install and relamp. Robust has an aluminum frame while the Robust 5 offers options of a stainless steel or powder coated aluminum front frame.

Model Nos. URO-80183 and URO-80193 offer controlled beam reflector options utilizing the Metal Halide lamp providing excellent beam control and high efficiency. Remote control gear box is included for Model Nos. URO-80183 and URO-80193.

Low copper content die-cast aluminum housing with a chemical chromatized protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Durable silicone rubber gasket and clear toughened glass. Power is provided to the luminaire through a watertight cable gland and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable.

Optional rough in tray is available.

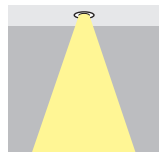


Product Family



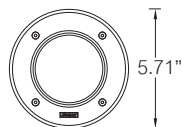


URO-80181

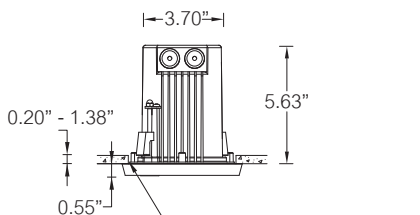


Robust 4 recessed exterior downlight dia. 5.71"

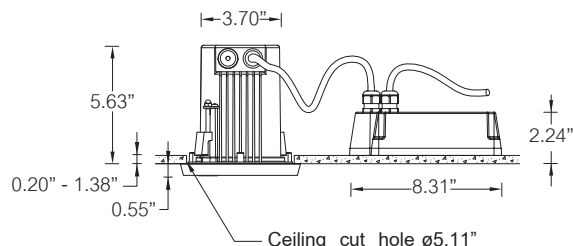
Model No.	Lamp	Holder	Beam	Lumen	Weight	Picture
URO-80181	PAR-20 HAL 50w. 120v.	MED	10°/25°/30°	550	2.2 lb.	1
URO-80182-N	T4 HALOGEN 75w.	MINI-CAN	18°	790	1.9 lb.	1
URO-80182-W	T4 HALOGEN 75w.	MINI-CAN	50°	790	1.9 lb.	1
URO-80183-N	T4 CMH 20w.	GU6.5	6°	1615	3.3 lb.	2
URO-80183-W	T4 CMH 20w.	GU6.5	37°	1615	3.3 lb.	2
URO-80184-N	T4 CMH 39w.	GU6.5	6°	2450	3.3 lb.	2
URO-80184-W	T4 CMH 39w.	GU6.5	37°	2450	3.3 lb.	2



Bottom view



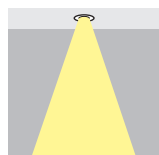
Picture 1



Picture 2

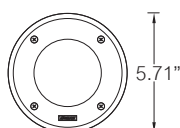


URO-80191-S

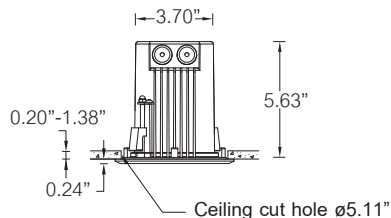


Robust 5 recessed exterior downlight dia. 5.71"

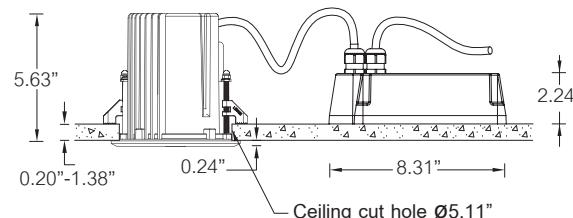
Model No.	Lamp	Holder	Beam	Lumen	Weight	Picture
URO-80191-S	PAR-20 HAL 50w. 120v.	MED	10°/25°/30°	550	2.4 lb.	1
URO-80192-S-N	T4 HALOGEN 75w.	MINI-CAN	18°	790	2.2 lb.	1
URO-80192-S-W	T4 HALOGEN 75w.	MINI-CAN	50°	790	2.2 lb.	1
URO-80193-S-N	T4 CMH 20w.	GU6.5	6°	1615	3.5 lb.	2
URO-80193-S-W	T4 CMH 20w.	GU6.5	37°	1615	3.5 lb.	2
URO-80194-S-N	T4 CMH 39w.	GU6.5	6°	2450	3.5 lb.	2
URO-80194-S-W	T4 CMH 39w.	GU6.5	37°	2450	3.5 lb.	2
URO-80191-A	PAR-20 HAL 50w. 120v.	MED	10°/25°/30°	550	2.2 lb.	1
URO-80192-A-N	T4 HALOGEN 75w.	MINI-CAN	18°	790	1.9 lb.	1
URO-80192-A-W	T4 HALOGEN 75w.	MINI-CAN	50°	790	1.9 lb.	1
URO-80193-A-N	T4 CMH 20w.	GU6.5	6°	1615	3.3 lb.	2
URO-80193-A-W	T4 CMH 20w.	GU6.5	37°	1615	3.3 lb.	2
URO-80194-A-N	T4 CMH 39w.	GU6.5	6°	2450	3.3 lb.	2
URO-80194-A-W	T4 CMH 39w.	GU6.5	37°	2450	3.3 lb.	2



Bottom view



Picture 1



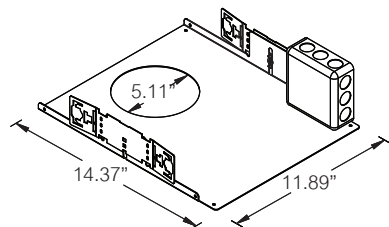
Picture 2

(N) Narrow beam

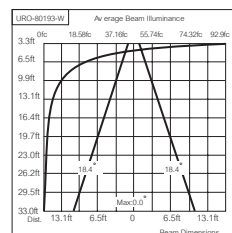
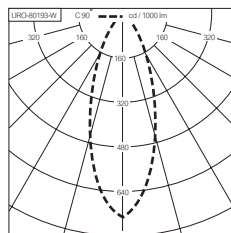
(W) Wide beam

(S) Stainless steel front ring

(A) Aluminium front ring



Option (RT - 5.1) Rough in ceiling tray for 5.11"





Robust 4, 5 recessed exterior down-light round dia. 5.71" HP LED

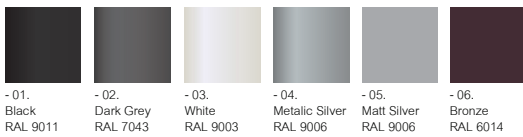
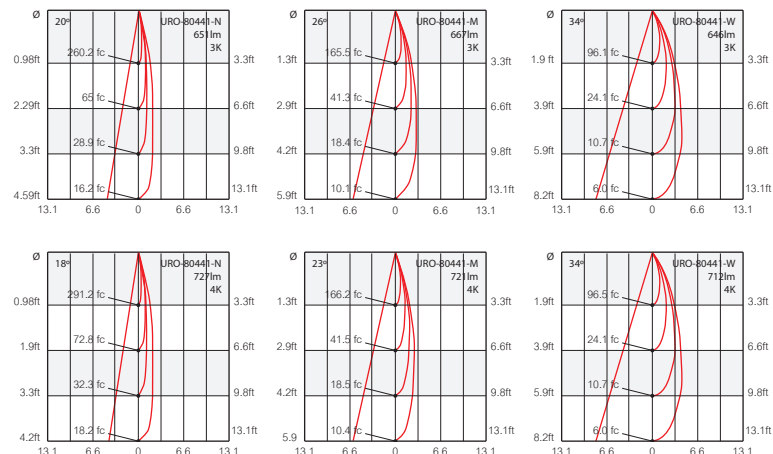
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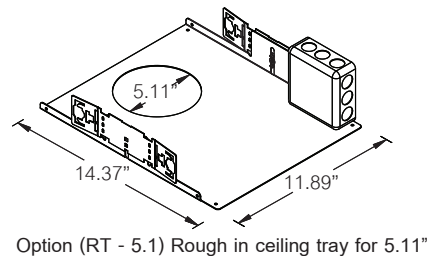
Suitable for wet locations

Robust 4 and 5 compact recessed interior and exterior downlight with a round front frame. The luminaires are designed for use in interior and exterior applications in shopping mall and public areas as decorative ceiling downlight. Main characteristics are low glare and limited maintenance concept. Robust 4 has an aluminium frame while the Robust 5 offers options of a 316 stainless steel or powder coated aluminium front frame.

Low copper content die-cast aluminium housing with a chemical chromated protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Power is provided to the luminaire through water tight cable gland, and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable. Durable silicone rubber gasket and clear toughened glass. Remote driver. Consult factory for dimming options. Optional rough in tray is available.



Product Family





URO-80441-N

Robust 4 recessed downlight round dia 5.71" HP LED

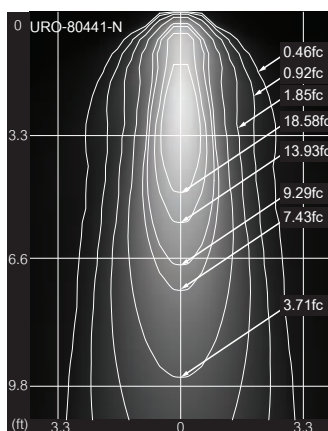
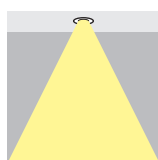
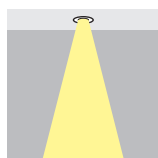
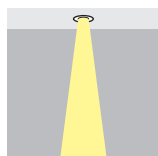
Model No.	Lamp	Light output	LED colour	Power W	Beam	Weight	Dimmable 1-10V
URO-80441-N-W27	7 LED	611 lm	2700K	12	19°	2.8 lb.	•
URO-80441-N-W30	7 LED	651 lm	3000K	12	19°	2.8 lb.	•
URO-80441-N-W40	7 LED	727 lm	4000K	12	19°	2.8 lb.	•
URO-80441-M-W27	7 LED	626 lm	2700K	12	25°	2.8 lb.	•
URO-80441-M-W30	7 LED	667 lm	3000K	12	25°	2.8 lb.	•
URO-80441-M-W40	7 LED	721 lm	4000K	12	25°	2.8 lb.	•
URO-80441-W-W27	7 LED	607 lm	2700K	12	34°	2.8 lb.	•
URO-80441-W-W30	7 LED	646 lm	3000K	12	34°	2.8 lb.	•
URO-80441-W-W40	7 LED	712 lm	4000K	12	34°	2.8 lb.	•



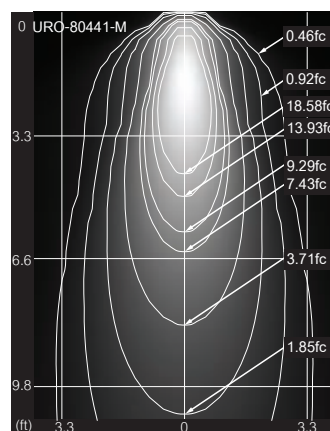
URO-80451-A-N

Robust 5 recessed downlight round dia 5.71" HP LED

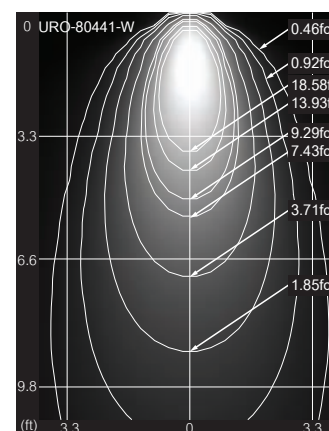
Model No.	Lamp	Light output	LED colour	Power W	Beam	Weight	Dimmable 1-10V
URO-80451-S-N-W27	7 LED	611 lm	2700K	12	19°	2.8 lb.	•
URO-80451-S-N-W30	7 LED	651 lm	3000K	12	19°	2.8 lb.	•
URO-80451-S-N-W40	7 LED	727 lm	4000K	12	19°	2.8 lb.	•
URO-80451-S-M-W27	7 LED	626 lm	2700K	12	25°	2.8 lb.	•
URO-80451-S-M-W30	7 LED	667 lm	3000K	12	25°	2.8 lb.	•
URO-80451-S-M-W40	7 LED	721 lm	4000K	12	25°	2.8 lb.	•
URO-80451-S-W-W27	7 LED	607 lm	2700K	12	34°	2.8 lb.	•
URO-80451-S-W-W30	7 LED	646 lm	3000K	12	34°	2.8 lb.	•
URO-80451-S-W-W40	7 LED	712 lm	4000K	12	34°	2.8 lb.	•
URO-80451-A-N-W27	7 LED	611 lm	2700K	12	19°	2.6 lb.	•
URO-80451-A-N-W30	7 LED	651 lm	3000K	12	19°	2.6 lb.	•
URO-80451-A-N-W40	7 LED	727 lm	4000K	12	19°	2.6 lb.	•
URO-80451-A-M-W27	7 LED	626 lm	2700K	12	25°	2.6 lb.	•
URO-80451-A-M-W30	7 LED	667 lm	3000K	12	25°	2.6 lb.	•
URO-80451-A-M-W40	7 LED	721 lm	4000K	12	25°	2.6 lb.	•
URO-80451-A-W-W27	7 LED	607 lm	2700K	12	34°	2.6 lb.	•
URO-80451-A-W-W30	7 LED	646 lm	3000K	12	34°	2.6 lb.	•
URO-80451-A-W-W40	7 LED	712 lm	4000K	12	34°	2.6 lb.	•



(N) Narrow beam



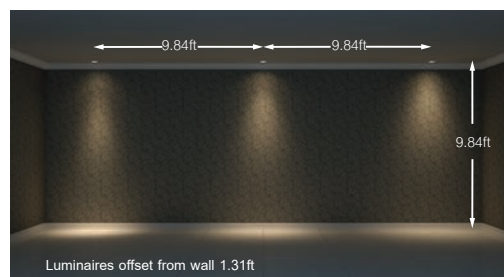
(M) Medium beam



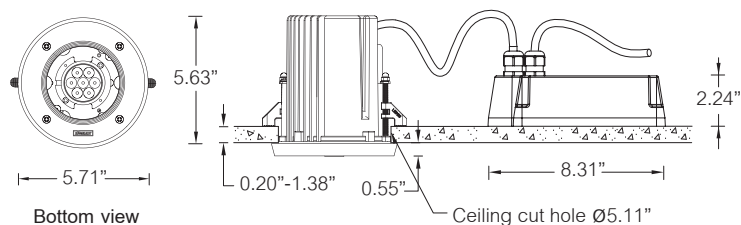
(W) Wide beam



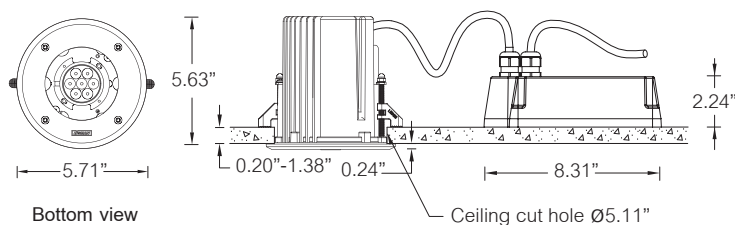
(N), (M), (W) beam in 3000K



(N), (M), (W) beam in 4000K







URO-80441



URO-80451

Robust 6 recessed exterior downlight square 5.71"

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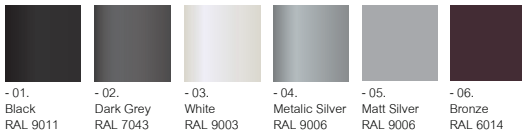
Suitable for wet locations

Robust 6 is a compact recessed interior and exterior downlight with a powder coated aluminum square front frame. The luminaires have excellent optical design, high efficiency and are easy to install and relamp.

Model No. URO-80203 offers controlled beam reflector options utilizing the Metal Halide lamp providing excellent beam control and high efficiency. Remote control gear box is included for Model No. URO-80203.

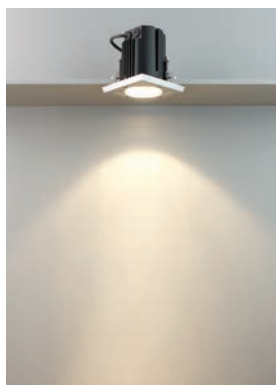
Low copper content die-cast aluminum housing with a chemical chromatized protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Durable silicone rubber gasket and clear toughened glass. Power is provided to the luminaire through a watertight cable gland. and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable.

Optional rough in tray is available.

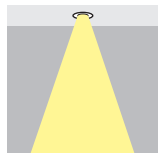


Product Family



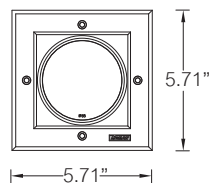


URO-80201

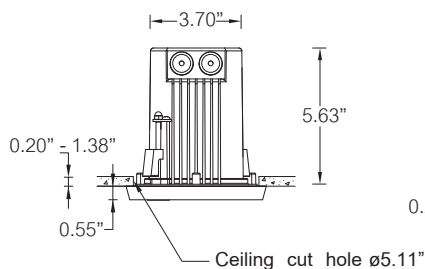


Robust 6 recessed exterior downlight square 5.71"

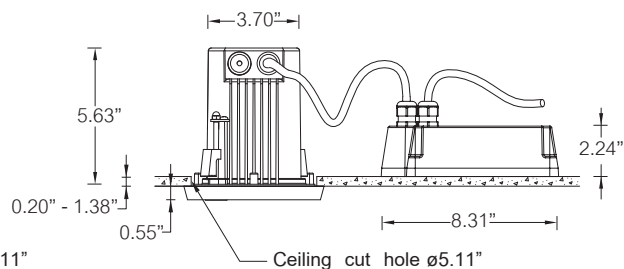
Model No.	Lamp	Holder	Beam	Lumen	Weight	Picture
URO-80201	PAR-20 HAL 50w. 120v.	MED	10°/25°/30°	550	2.5 lb.	1
URO-80202-N	T4 HALOGEN 75w.	MINI-CAN	18°	790	2.0 lb.	1
URO-80202-W	T4 HALOGEN 75w.	MINI-CAN	50°	790	2.0 lb.	1
URO-80203-N	T4 CMH 20w.	GU6.5	6°	1615	3.4 lb.	2
URO-80203-W	T4 CMH 20w.	GU6.5	37°	1615	3.4 lb.	2
URO-80204-N	T4 CMH 39w.	GU6.5	6°	2450	3.4 lb.	2
URO-80204-W	T4 CMH 39w.	GU6.5	37°	2450	3.4 lb.	2



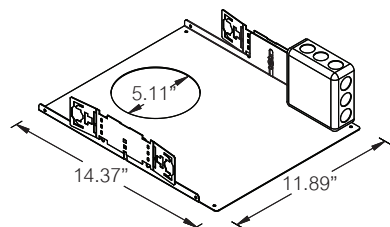
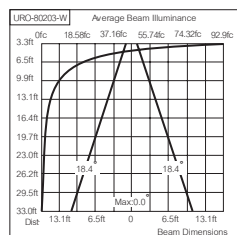
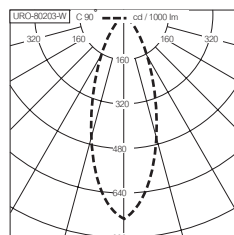
Bottom view



Picture 1



Picture 2



Option (RT - 5.1) Rough in ceiling tray for 5.11"



Robust 6 recessed exterior downlight square 5.71" HP LED

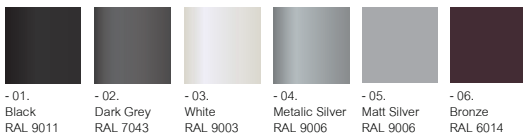
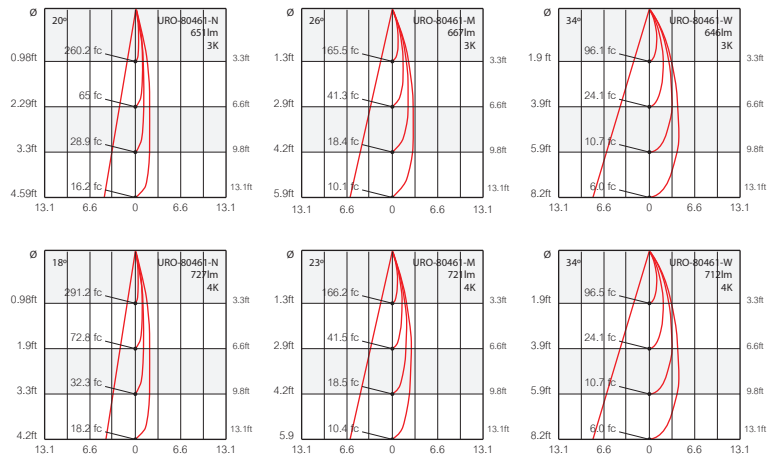
IP65 /EN 60598/CLASS I //CE/IK08



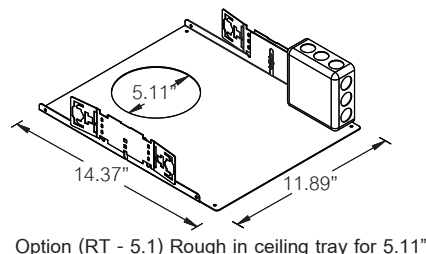
Suitable for wet locations

Robust 6 compact recessed interior and exterior downlight with a square front frame. The luminaires are designed for use in interior and exterior applications in shopping mall and public areas as decorative ceiling downlight. Main characteristics are low glare and limited maintenance concept. Powder coated aluminium front frame.

Low copper content die-cast aluminium housing with a chemical chromated protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Power is provided to the luminaire through water tight cable gland. and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable. Durable silicone rubber gasket and clear toughened glass. Remote driver. Consult factory for dimming options. Optional rough in tray is available.



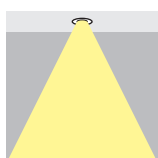
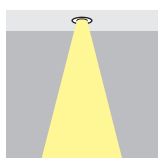
Product Family



Option (RT - 5.1) Rough in ceiling tray for 5.11"

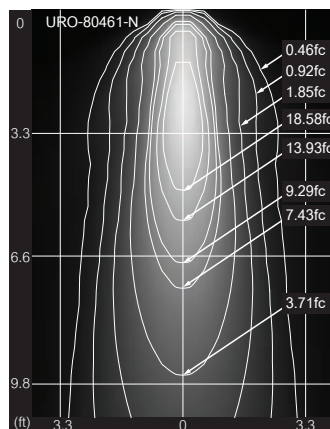


URO-80461-N

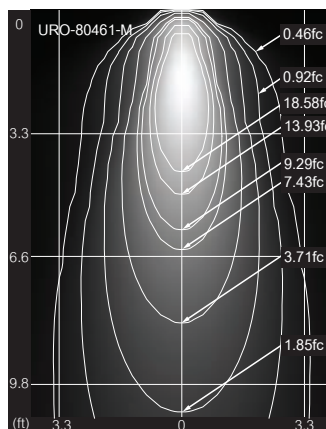


Robust 6 recessed downlight square 5.71" HP LED

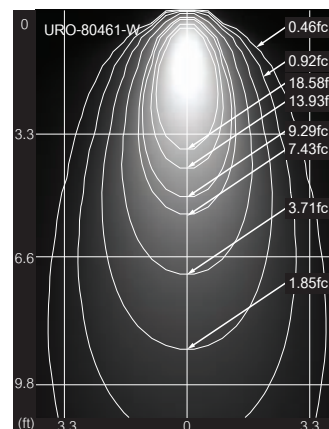
Model No.	Lamp output	Light	LED colour	Power W	Beam	Weight	Dimmable 1-10V
URO-80461-N-W27	7 LED	611 lm	2700K	12	19°	3.0 lb.	•
URO-80461-N-W30	7 LED	651 lm	3000K	12	19°	3.0 lb.	•
URO-80461-N-W40	7 LED	727 lm	4000K	12	19°	3.0 lb.	•
URO-80461-M-W27	7 LED	626 lm	2700K	12	25°	3.0 lb.	•
URO-80461-M-W30	7 LED	667 lm	3000K	12	25°	3.0 lb.	•
URO-80461-M-W40	7 LED	721 lm	4000K	12	25°	3.0 lb.	•
URO-80461-W-W27	7 LED	607 lm	2700K	12	34°	3.0 lb.	•
URO-80461-W-W30	7 LED	646 lm	3000K	12	34°	3.0 lb.	•
URO-80461-W-W40	7 LED	712 lm	4000K	12	34°	3.0 lb.	•



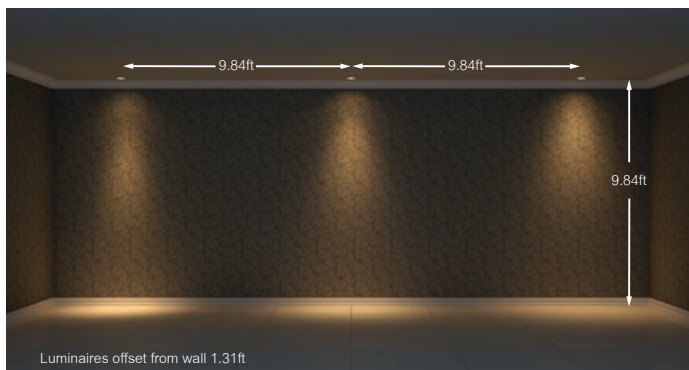
(N) Narrow beam



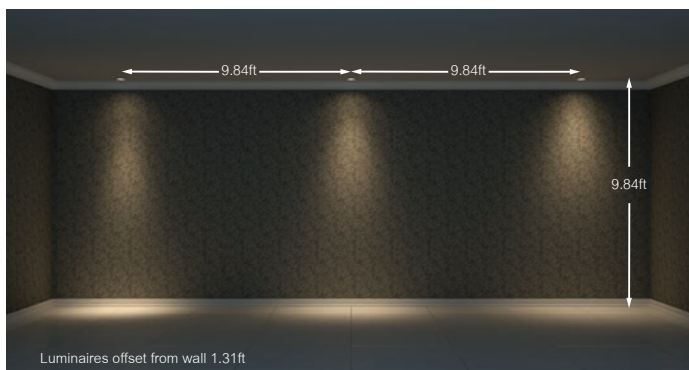
(M) Medium beam



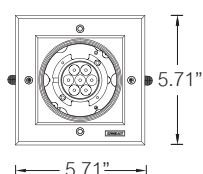
(W) Wide beam



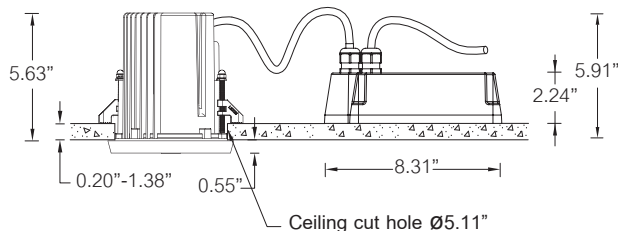
(N), (M), (W) beam in 3000K



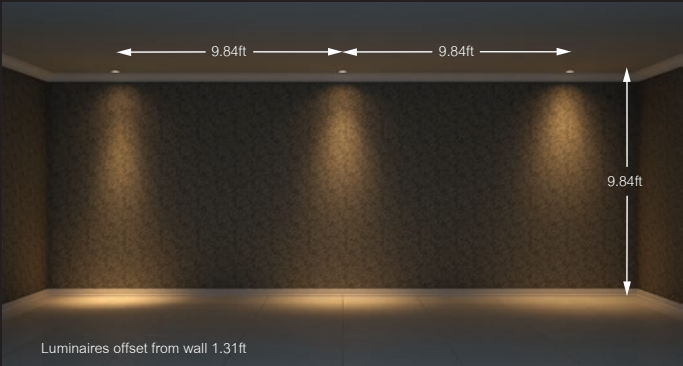
(N), (M), (W) beam in 4000K



Bottom view



Robust 4, 5 recessed downlight round dia 5.71" LED



(N), (M), (W) beam in 3000K

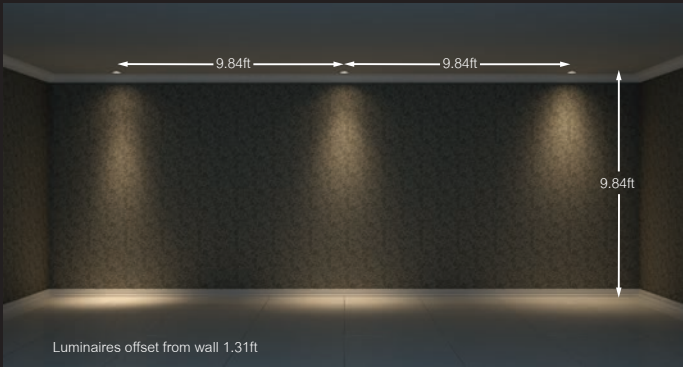


(N), (M), (W) beam in 4000K

Robust 6 recessed downlight square 5.71" LED

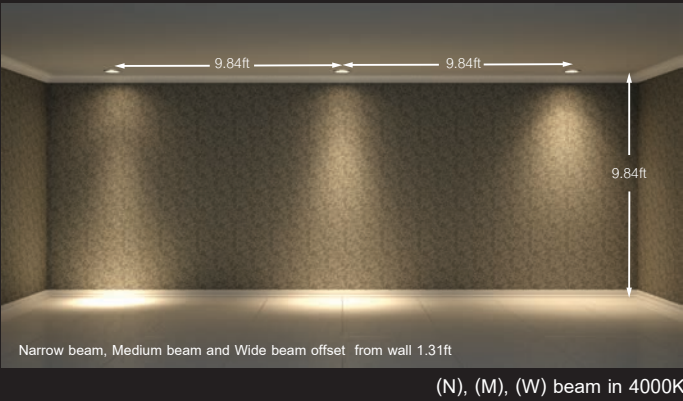
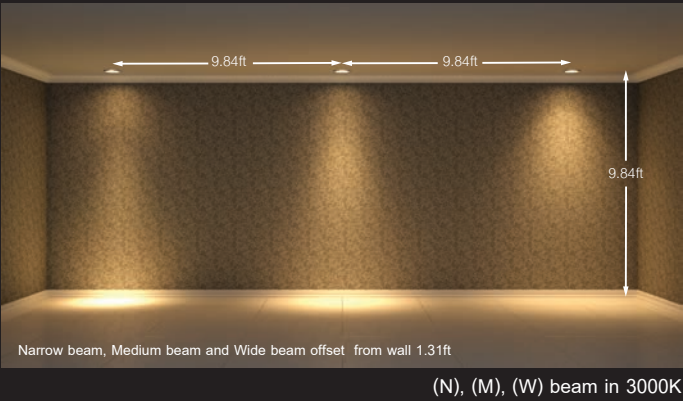


(N), (M), (W) beam in 3000K

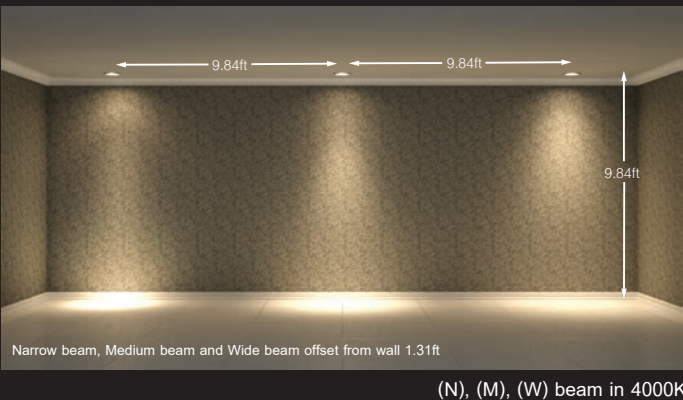
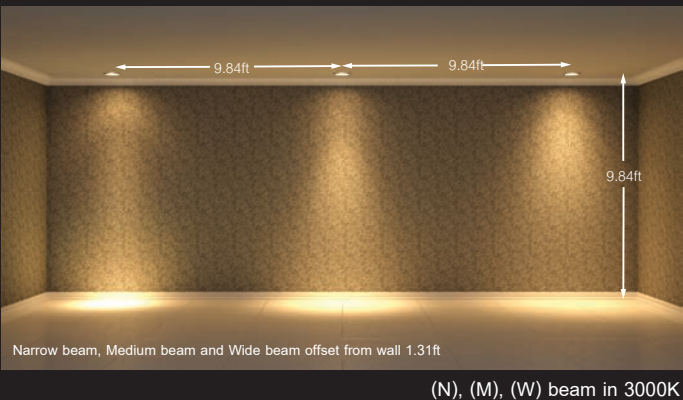


(N), (M), (W) beam in 4000K

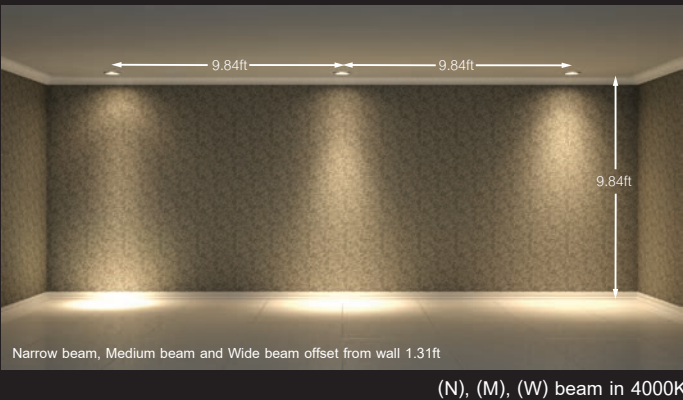
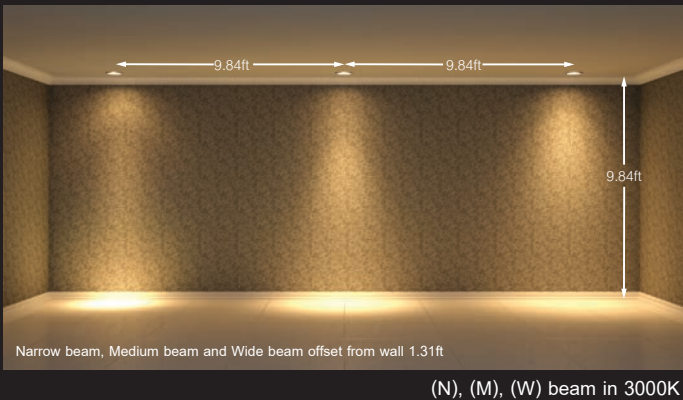
Robust 1 recessed downlight round dia 9.45" LED



Robust 2 recessed downlight round dia 9.45" LED



Robust 3 recessed downlight square 9.45" LED

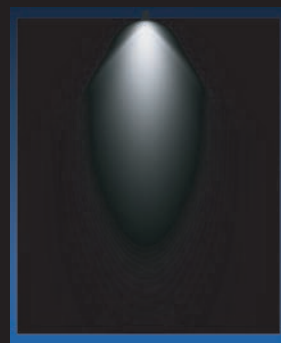




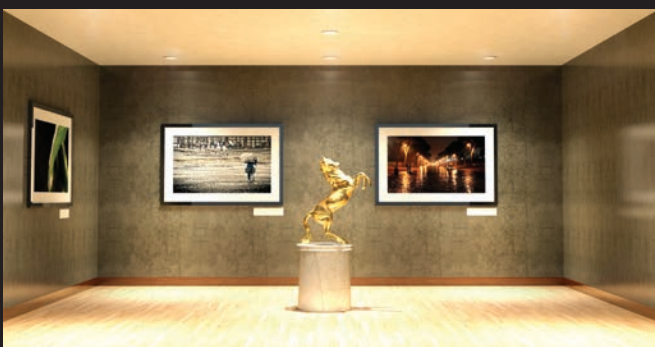
Robust 1 # URO-80038-VN-70 T6 CMH 70W 6°



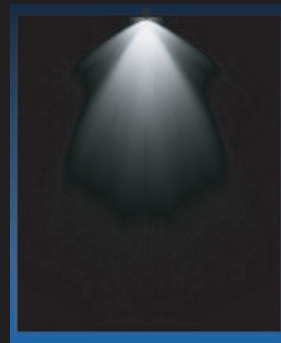
Robust 1 # URO-80038-N-70 T6 CMH 70W 12°



Robust 1 # URO-80038-M-70 T6 CMH 70W 26°



Robust 1 # URO-80038-W-70 T6 CMH 70W 35°



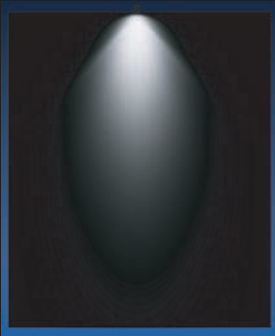
Robust 1 # URO-80038-VW-70 T6 CMH 70W 60°



Robust 1 # URO-80040-VN T6 CMH 150W 10°



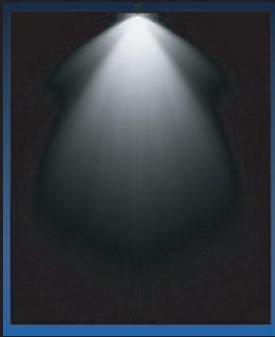
Robust 1 # URO-80040-N T6 CMH 150W 12°



Robust 1 # URO-80040-M T6 CMH 150W 30°







Robust 1 # URO-80040-W T6 CMH 150W 40°



Robust 1 # URO-80040-VW T6 CMH 150W 64°



Robust 1, 2 recessed exterior downlight round dia. 9.45"

IP65   /EN 60598/CLASS I   /CE/IK10



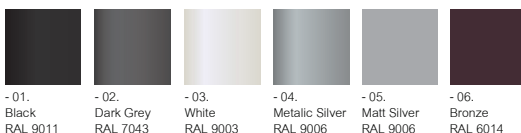
Suitable for wet locations

A robust 1 and 2 exterior downlight using a variety of different lamp options. These include compact fluorescent lamps, mains halogen and discharge lamps. A selection of round front frames make this luminaire an attractive option for most design applications. Robust 2 offers choices stainless steel or powder coated aluminum front frame. Easy to install and relamp. This luminaire is suited for interior and exterior lighting. The Robust 1 and 2 are ball proof and suitable for sports facilities.

Low copper content die-cast aluminum housing with a chemical chromated protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Durable silicone rubber gasket and clear toughened glass. Power is provided to the luminaire through a watertight cable gland. and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable.

Optional rough in tray is available.

Remote control gear box is included for the luminaires using lamp sources from 70w. to 150w.

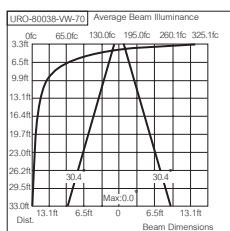
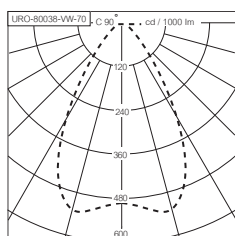
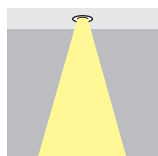


Product Family



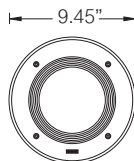


URO-80037-N

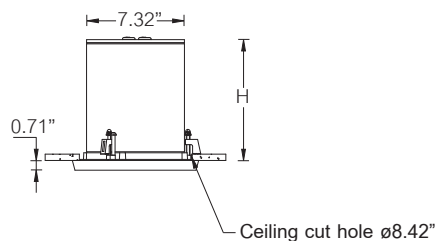


Robust 1 recessed exterior downlight round dia. 9.45" symmetrical reflector

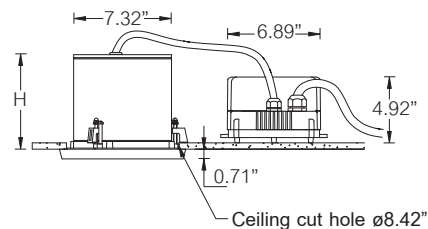
Model No.	Lamp	Holder	Beam	Lumen	Weight	(H) Height	Picture
URO-80031	PAR-38 HAL 120w.	MED	10°/30°	1800	5.5 lb.	7.67"	1
URO-80032	CFQ 26w./CFTR 32/42w.	Gx24q-3/4	79°/74°/79°	1550/2040/2720	7.2 lb.	9.05"	1
URO-80033-VN	T10 HALOGEN 150w.	MED	16°	2500	5.9 lb.	7.67"	1
URO-80033-N	T10 HALOGEN 150w.	MED	22°	2500	5.9 lb.	7.67"	1
URO-80033-M	T10 HALOGEN 150w.	MED	35°	2500	5.9 lb.	7.67"	1
URO-80033-W	T10 HALOGEN 150w.	MED	42°	2500	5.9 lb.	7.67"	1
URO-80033-VW	T10 HALOGEN 150w.	MED	62°	2500	5.9 lb.	7.67"	1
URO-80034	PMH-ED17 70w.	MED	67°	4000	12.3 lb.	9.05"	2
URO-80035	PMH-ED17 100w.	MED	67°	6500	12.5 lb.	9.05"	2
URO-80036	HPS-ED17 70w.	MED	79°	5450	12.3 lb.	9.05"	2
URO-80037-VN	T6 CMH 39w.	G12	6°	2720	9.9 lb.	10.07"	1
URO-80037-N	T6 CMH 39w.	G12	12°	2720	9.9 lb.	10.07"	1
URO-80037-M	T6 CMH 39w.	G12	26°	2720	9.9 lb.	10.07"	1
URO-80037-W	T6 CMH 39w.	G12	35°	2720	9.9 lb.	10.07"	1
URO-80037-VW	T6 CMH 39w.	G12	60°	2720	9.9 lb.	10.07"	1
URO-80038-VN	T6 CMH 70w.	G12	6°	5600	11.9 lb.	7.08"	2
URO-80038-N	T6 CMH 70w.	G12	12°	5600	11.9 lb.	7.08"	2
URO-80038-M	T6 CMH 70w.	G12	26°	5600	11.9 lb.	7.08"	2
URO-80038-W	T6 CMH 70w.	G12	35°	5600	11.9 lb.	7.08"	2
URO-80038-VW	T6 CMH 70w.	G12	60°	5600	11.9 lb.	7.08"	2
URO-80039-VN	T6 CMH 100w.	G12	10°	7600	13.4 lb.	7.08"	2
URO-80039-N	T6 CMH 100w.	G12	12°	7600	13.4 lb.	7.08"	2
URO-80039-M	T6 CMH 100w.	G12	30°	7600	13.4 lb.	7.08"	2
URO-80039-W	T6 CMH 100w.	G12	40°	7600	13.4 lb.	7.08"	2
URO-80039-VW	T6 CMH 100w.	G12	64°	7600	13.4 lb.	7.08"	2
URO-80040-VN	T6 CMH 150w.	G12	10°	11500	13.4 lb.	7.08"	2
URO-80040-N	T6 CMH 150w.	G12	12°	11500	13.4 lb.	7.08"	2
URO-80040-M	T6 CMH 150w.	G12	30°	11500	13.4 lb.	7.08"	2
URO-80040-W	T6 CMH 150w.	G12	40°	11500	13.4 lb.	7.08"	2
URO-80040-VW	T6 CMH 150w.	G12	64°	11500	13.4 lb.	7.08"	2



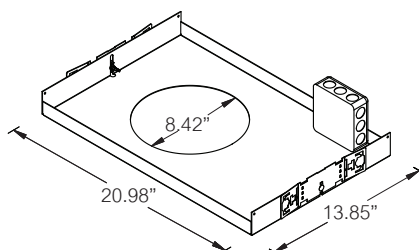
Bottom view



Picture 1



Picture 2



Option (RT - 8.4) Rough in ceiling tray for 8.42"

(VN) Very Narrow beam

(N) Narrow beam

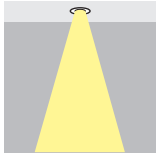
(M) Medium beam

(W) Wide beam

(VW) Very Wide beam



URO-80069-S



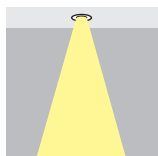
Robust 2 recessed exterior downlight round dia. 9.45" stainless steel front frame symmetrical reflector

Model No.	Lamp	Holder	Beam	Lumen	Weight	(H) Height	Picture
URO-80061-S	PAR-38 HAL 120w.	MED	10°/30°	1800	6.8 lb.	7.67"	1
URO-80062-S	CFQ 26w./CFTR 32/42w.	Gx24q-3/4	79°/74°/79°	1550/2040/2720	8.3 lb.	9.05"	1
URO-80063-S-VN	T10 HALOGEN 150w.	MED	16°	2500	7.0 lb.	7.67"	1
URO-80063-S-N	T10 HALOGEN 150w.	MED	22°	2500	7.0 lb.	7.67"	1
URO-80063-S-M	T10 HALOGEN 150w.	MED	35°	2500	7.0 lb.	7.67"	1
URO-80063-S-W	T10 HALOGEN 150w.	MED	42°	2500	7.0 lb.	7.67"	1
URO-80063-S-VW	T10 HALOGEN 150w.	MED	62°	2500	7.0 lb.	7.67"	1
URO-80064-S	PMH-ED17 70w.	MED	67°	4000	13.4 lb.	9.05"	2
URO-80065-S	PMH-ED17 100w.	MED	67°	6500	13.6 lb.	9.05"	2
URO-80066-S	HPS-ED17 70w.	MED	79°	5450	13.4 lb.	9.05"	2
URO-80067-S-VN	T6 CMH 39w.	G12	6°	2720	11.0 lb.	10.07"	1
URO-80067-S-N	T6 CMH 39w.	G12	12°	2720	11.0 lb.	10.07"	1
URO-80067-S-M	T6 CMH 39w.	G12	26°	2720	11.0 lb.	10.07"	1
URO-80067-S-W	T6 CMH 39w.	G12	35°	2720	11.0 lb.	10.07"	1
URO-80067-S-VW	T6 CMH 39w.	G12	60°	2720	11.0 lb.	10.07"	1
URO-80068-S-VN	T6 CMH 70w.	G12	6°	5600	13.0 lb.	7.08"	2
URO-80068-S-N	T6 CMH 70w.	G12	12°	5600	13.0 lb.	7.08"	2
URO-80068-S-M	T6 CMH 70w.	G12	26°	5600	13.0 lb.	7.08"	2
URO-80068-S-W	T6 CMH 70w.	G12	35°	5600	13.0 lb.	7.08"	2
URO-80068-S-VW	T6 CMH 70w.	G12	60°	5600	13.0 lb.	7.08"	2
URO-80069-S-VN	T6 CMH 100w.	G12	10°	7600	14.5 lb.	7.08"	2
URO-80069-S-N	T6 CMH 100w.	G12	12°	7600	14.5 lb.	7.08"	2
URO-80069-S-M	T6 CMH 100w.	G12	30°	7600	14.5 lb.	7.08"	2
URO-80069-S-W	T6 CMH 100w.	G12	40°	7600	14.5 lb.	7.08"	2
URO-80069-S-VW	T6 CMH 100w.	G12	64°	7600	14.5 lb.	7.08"	2
URO-80070-S-VN	T6 CMH 150w.	G12	10°	11500	14.5 lb.	7.08"	2
URO-80070-S-N	T6 CMH 150w.	G12	12°	11500	14.5 lb.	7.08"	2
URO-80070-S-M	T6 CMH 150w.	G12	30°	11500	14.5 lb.	7.08"	2
URO-80070-S-W	T6 CMH 150w.	G12	40°	11500	14.5 lb.	7.08"	2
URO-80070-S-VW	T6 CMH 150w.	G12	64°	11500	14.5 lb.	7.08"	2



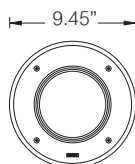


URO-80068-A

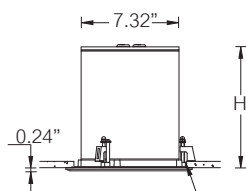


Robust 2 recessed exterior downlight round dia. 9.45" Aluminium front frame symmetrical reflector

Model No.	Lamp	Holder	Beam	Lumen	Weight	(H) Height	Picture
URO-80061-A	PAR-38 HAL 120w.	MED	10°/30°	1800	5.5 lb.	7.67"	1
URO-80062-A	CFQ 26w./CFTR 32/42w.	Gx24q-3/4	79°/74°/79°	1550/2040/2720	7.2 lb.	9.05"	1
URO-80063-A-VN	T10 HALOGEN 150w.	MED	16°	2500	5.9 lb.	7.67"	1
URO-80063-A-N	T10 HALOGEN 150w.	MED	22°	2500	5.9 lb.	7.67"	1
URO-80063-A-M	T10 HALOGEN 150w.	MED	35°	2500	5.9 lb.	7.67"	1
URO-80063-A-W	T10 HALOGEN 150w.	MED	42°	2500	5.9 lb.	7.67"	1
URO-80063-A-VW	T10 HALOGEN 150w.	MED	62°	2500	5.9 lb.	7.67"	1
URO-80064-A	PMH-ED17 70w.	MED	67°	4000	12.3 lb.	9.05"	2
URO-80065-A	PMH-ED17 100w.	MED	67°	6500	12.5 lb.	9.05"	2
URO-80066-A	HPS-ED17 70w.	MED	79°	5450	12.3 lb.	9.05"	2
URO-80067-A-VN	T6 CMH 39w.	G12	6°	2720	9.9 lb.	10.07"	1
URO-80067-A-N	T6 CMH 39w.	G12	12°	2720	9.9 lb.	10.07"	1
URO-80067-A-M	T6 CMH 39w.	G12	26°	2720	9.9 lb.	10.07"	1
URO-80067-A-W	T6 CMH 39w.	G12	35°	2720	9.9 lb.	10.07"	1
URO-80067-A-VW	T6 CMH 39w.	G12	60°	2720	9.9 lb.	10.07"	1
URO-80068-A-VN	T6 CMH 70w.	G12	6°	5600	11.9 lb.	7.08"	2
URO-80068-A-N	T6 CMH 70w.	G12	12°	5600	11.9 lb.	7.08"	2
URO-80068-A-M	T6 CMH 70w.	G12	26°	5600	11.9 lb.	7.08"	2
URO-80068-A-W	T6 CMH 70w.	G12	35°	5600	11.9 lb.	7.08"	2
URO-80068-A-VW	T6 CMH 70w.	G12	60°	5600	11.9 lb.	7.08"	2
URO-80069-A-VN	T6 CMH 100w.	G12	10°	7600	13.4 lb.	7.08"	2
URO-80069-A-N	T6 CMH 100w.	G12	12°	7600	13.4 lb.	7.08"	2
URO-80069-A-M	T6 CMH 100w.	G12	30°	7600	13.4 lb.	7.08"	2
URO-80069-A-W	T6 CMH 100w.	G12	40°	7600	13.4 lb.	7.08"	2
URO-80069-A-VW	T6 CMH 100w.	G12	64°	7600	13.4 lb.	7.08"	2
URO-80070-A-VN	T6 CMH 150w.	G12	10°	11500	13.4 lb.	7.08"	2
URO-80070-A-N	T6 CMH 150w.	G12	12°	11500	13.4 lb.	7.08"	2
URO-80070-A-M	T6 CMH 150w.	G12	30°	11500	13.4 lb.	7.08"	2
URO-80070-A-W	T6 CMH 150w.	G12	40°	11500	13.4 lb.	7.08"	2
URO-80070-A-VW	T6 CMH 150w.	G12	64°	11500	13.4 lb.	7.08"	2

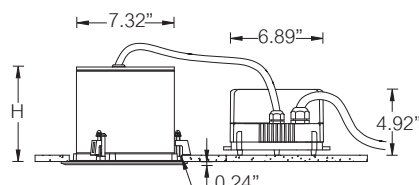


Bottom view



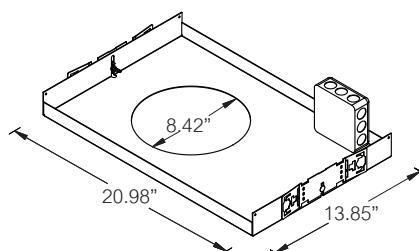
Ceiling cut hole ø8.42"

Picture 1



Ceiling cut hole ø8.42"

Picture 2



Option (RT - 8.4) Rough in ceiling tray for 8.42"

(S) Stainless steel front ring

(A) Aluminium front ring

(VN) Very Narrow beam

(N) Narrow beam

(M) Medium beam

(W) Wide beam

(VW) Very Wide beam



Robust 1, 2 recessed exterior down-light round dia. 9.45" HP LED

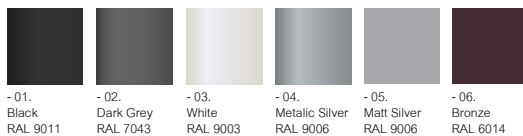
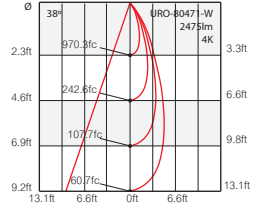
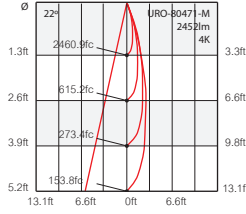
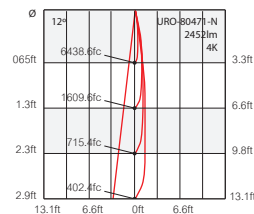
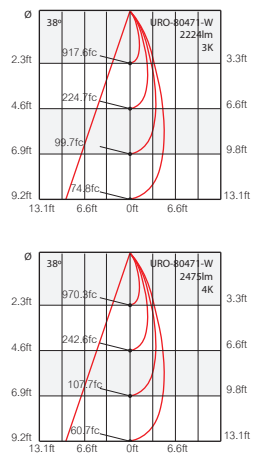
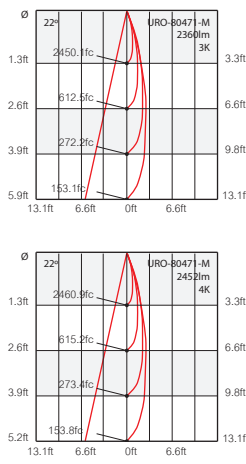
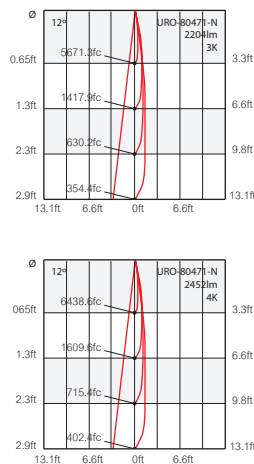
IP65 /EN 60598/CLASS I /V/ /IK10



Suitable for wet locations

A Robust 1 and 2 exterior downlight round front frames make this luminaire an attractive option for most design applications. Robust 2 offers choices 316 stainless steel or powder coating aluminium front frame. This luminaire is suited for interior and exterior lighting. The Robust 1 and 2 are ball proof and suitable for sports facilities.

Low copper content die-cast aluminium housing with a chemical chromated protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Power is provided to the luminaire through water tight cable gland. and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable. Durable silicone rubber gasket and clear toughened glass. Remote driver. Consult factory for dimming options. Optional rough in tray is available.



Product Family

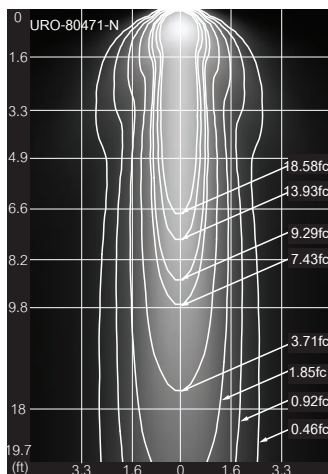
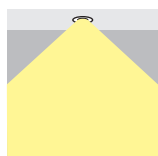
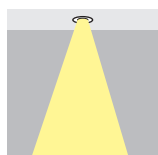
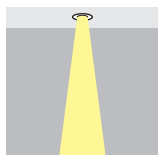




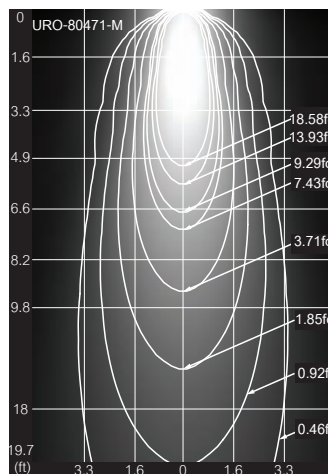
URO-80471-N

Robust 1 recessed downlight round dia 9.45" HP LED

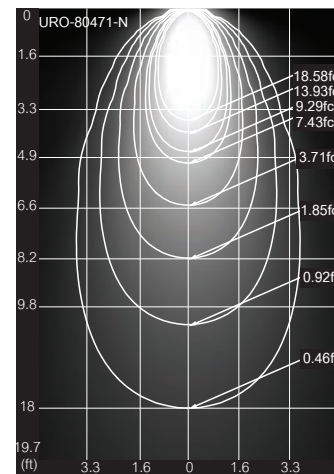
Model No.	Lamp	Light output	LED colour	Power W	Beam	Weight	Dimmable 1-10V
URO-80471-N-W27	24 LED	2071 lm	2700K	40	12°	7.9 lb.	•
URO-80471-N-W30	24 LED	2204 lm	3000K	40	12°	7.9 lb.	•
URO-80471-N-W40	24 LED	2452 lm	4000K	40	12°	7.9 lb.	•
URO-80471-M-W27	24 LED	2218 lm	2700K	40	22°	7.9 lb.	•
URO-80471-M-W30	24 LED	2360 lm	3000K	40	22°	7.9 lb.	•
URO-80471-M-W40	24 LED	2452 lm	4000K	40	22°	7.9 lb.	•
URO-80471-W-W27	24 LED	2090 lm	2700K	40	39°	7.9 lb.	•
URO-80471-W-W30	24 LED	2224 lm	3000K	40	39°	7.9 lb.	•
URO-80471-W-W40	24 LED	2475 lm	4000K	40	39°	7.9 lb.	•



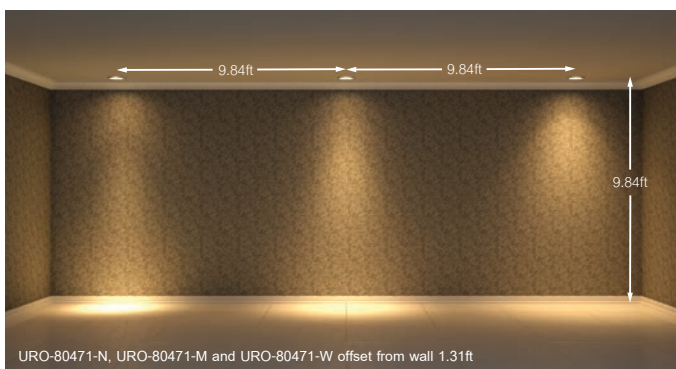
(N) Narrow beam



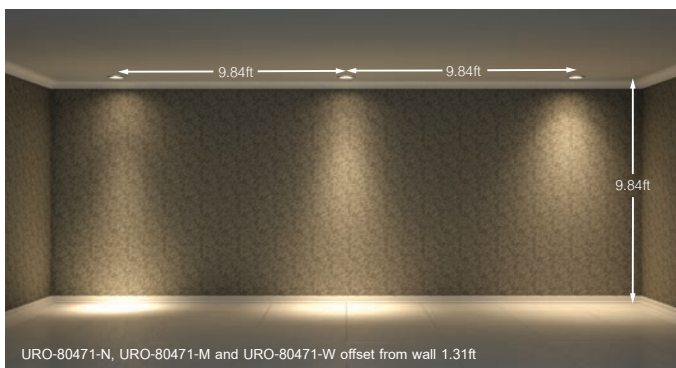
(M) Medium beam



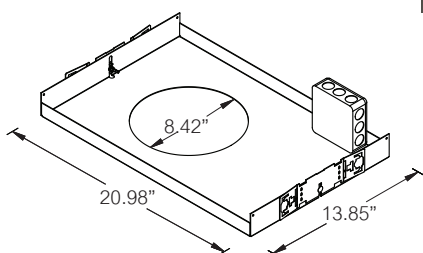
(W) Wide beam



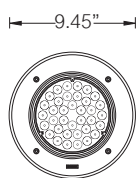
(N), (M), (W) beam in 3000K



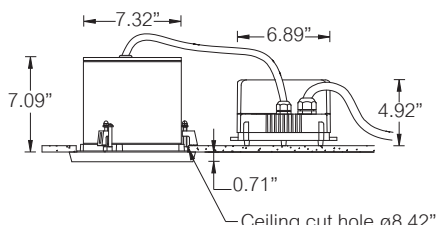
(N), (M), (W) beam in 4000K



Option (RT - 8.4) Rough in ceiling tray for 8.42"

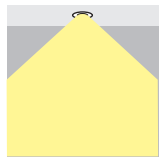
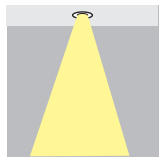


Bottom view



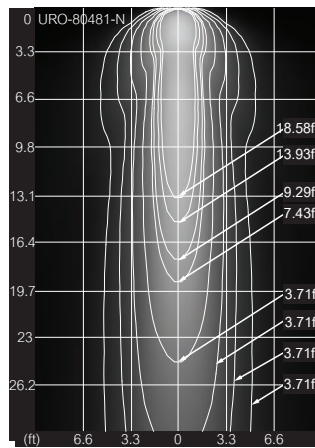


URO-80481-S-N

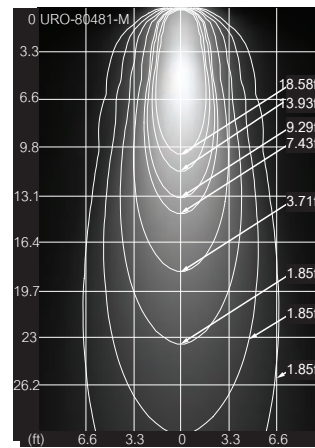


Robust 2 recessed downlight round dia 9.45" HP LED

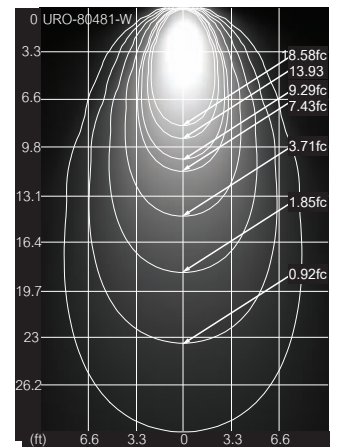
Model No.	Lamp	Light output	LED colour	Power W	Beam	Weight	Dimmable 1-10V
URO-80481-S-N-W27	24 LED	2052 lm	2700K	40	12°	9.2 lb.	•
URO-80481-S-N-W30	24 LED	2183 lm	3000K	40	12°	9.2 lb.	•
URO-80481-S-N-W40	24 LED	2440 lm	4000K	40	12°	9.2 lb.	•
URO-80481-S-M-W27	24 LED	2240 lm	2700K	40	22°	9.2 lb.	•
URO-80481-S-M-W30	24 LED	2384 lm	3000K	40	22°	9.2 lb.	•
URO-80481-S-M-W40	24 LED	2462 lm	4000K	40	22°	9.2 lb.	•
URO-80481-S-W-W27	24 LED	2090 lm	2700K	40	39°	9.2 lb.	•
URO-80481-S-W-W30	24 LED	2224 lm	3000K	40	39°	9.2 lb.	•
URO-80481-S-W-W40	24 LED	2499 lm	4000K	40	39°	9.2 lb.	•
URO-80481-A-N-W27	24 LED	2052 lm	2700K	40	12°	7.9 lb.	•
URO-80481-A-N-W30	24 LED	2183 lm	3000K	40	12°	7.9 lb.	•
URO-80481-A-N-W40	24 LED	2440 lm	4000K	40	12°	7.9 lb.	•
URO-80481-A-M-W27	24 LED	2240 lm	2700K	40	22°	7.9 lb.	•
URO-80481-A-M-W30	24 LED	2384 lm	3000K	40	22°	7.9 lb.	•
URO-80481-A-M-W40	24 LED	2462 lm	4000K	40	22°	7.9 lb.	•
URO-80481-A-W-W27	24 LED	2090 lm	2700K	40	39°	7.9 lb.	•
URO-80481-A-W-W30	24 LED	2224 lm	3000K	40	39°	7.9 lb.	•
URO-80481-A-W-W40	24 LED	2499 lm	4000K	40	39°	7.9 lb.	•



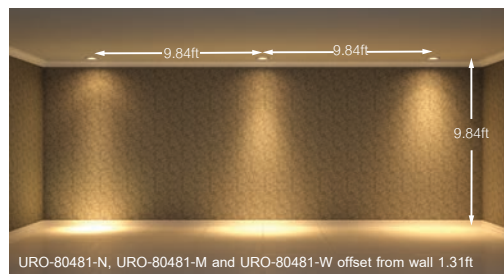
(N) Narrow beam



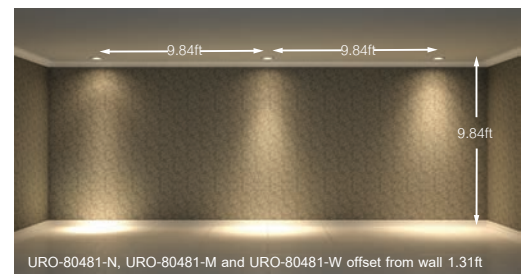
(M) Medium beam



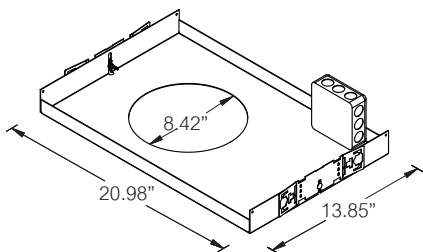
(W) Wide beam



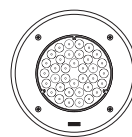
(N), (M), (W) beam in 3000K



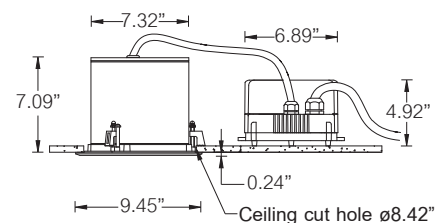
(N), (M), (W) beam in 4000K



Option (RT - 8.4) Rough in ceiling tray for 8.42"



Bottom view



9.45" Ceiling cut hole ø8.42"

(S) Stainless steel front ring

(A) Aluminium front ring

Comparison Analysis

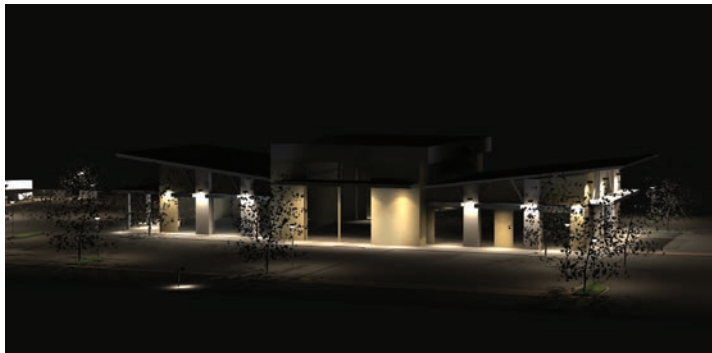
CASE STUDY 3

OUTDOOR CANOPY 2



Computer generated image

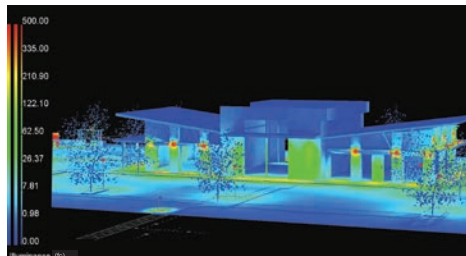
Conventional lamp lighting plan



LED lighting plan



3D False colour analysis conventional lamp



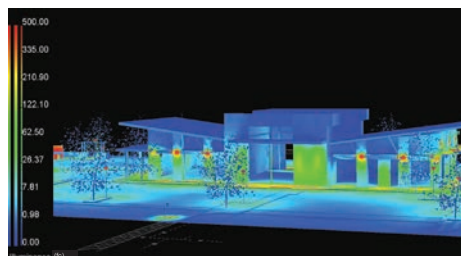
Recessed fixed downlight (canopy)



14 units

Lamp : HIT 70w. CCT 3000K
Beam Angle 35°

3D False colour analysis LED lamp



Recessed fixed downlight (canopy)



14 units

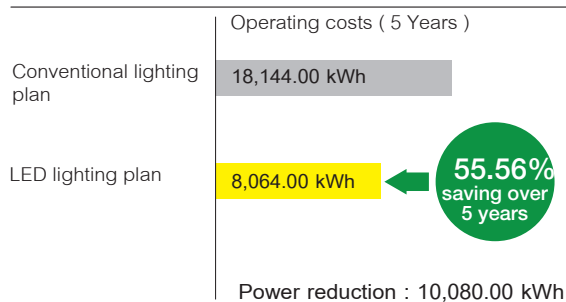
Lamp : LED 40w. CCT 3000K
Beam Angle 39°

Total Power Consumption : 1.26 kW



Total Power Consumption : 0.56 kW

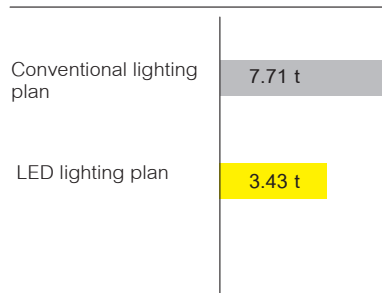
Energy consumption comparison %



*Conditions : 8 business hours/day, 360 days/year

*Note : comparison applies only to fixture indicated above.

Reduction in CO₂ emissions



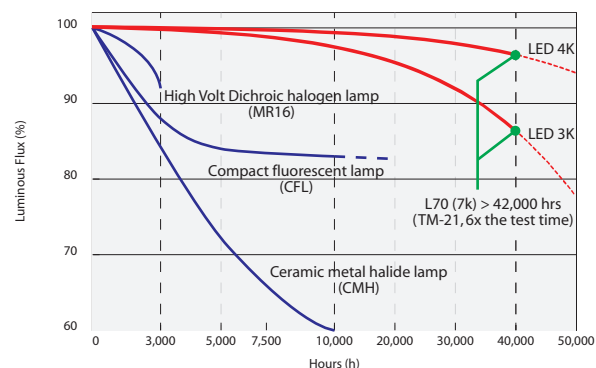
*Conditions : 8 business hours/day, 360 days/year.

CO₂ emission : 0.425 Kg/kWh, calculated in 5 year.

*Comparison applies only to the fixtures indicated above.

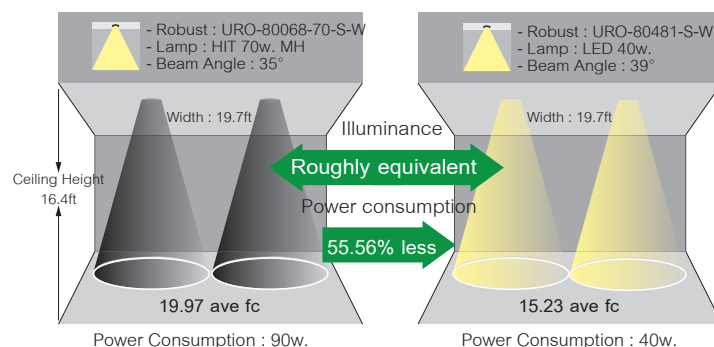
Reliability of luminous flux

LED maintain brightness throughout service left and exhibit higher luminous flux than conventional lamps.







Brightness equivalent to convention fixtures

Compared with conventional downlights, these fixtures provide equivalent or greater brightness and lower power consumption.



Robust 3 recessed exterior downlight square 9.45"

IP65   /EN 60598/CLASS I  //CE/IK10



Suitable for wet locations







Robust 3 is an exterior downlight using a variety of different lamp options. These include compact fluorescent lamps, mains halogen and discharge lamps with square front frames. Easy to install and relamp. This luminaire is suited for interior and exterior lighting. The Robust 3 is ball proof and suitable for sports facilities.

Low copper content die-cast aluminum housing with a chemical chromatized protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Durable silicone rubber gasket and clear toughened glass. Power is provided to the luminaire through a watertight cable gland. and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable.

Optional rough in tray is available.

Remote control gear box is included for the luminaires using lamp sources from 70w. to 150w.



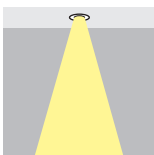
					
- 01. Black RAL 9011	- 02. Dark Grey RAL 7043	- 03. White RAL 9003	- 04. Metallic Silver RAL 9006	- 05. Matt Silver RAL 9006	- 06. Bronze RAL 6014

Product Family

			
P.375 Robust 4 dia. 5.71"	P.375 Robust 5 dia. 5.71"	P.377 Robust 4 dia. 5.71" LED	P.377 Robust 5 dia. 5.71" LED
			
P.379 Robust 6 square 5.71"	P.381 Robust 6 square 5.71" LED	P.387 Robust 1 dia. 9.45"	P.388 Robust 2 dia. 9.45"
			
P.391 Robust 1 dia. 9.45" LED	P.392 Robust 2 dia. 9.45" LED	P.395 Robust 3 square 9.45"	P.397 Robust 3 square 9.45" LED

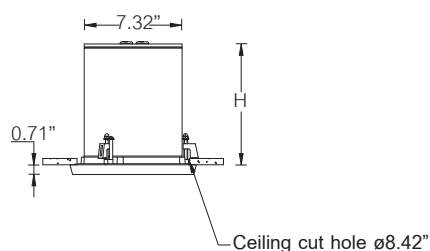


URO-80163-N



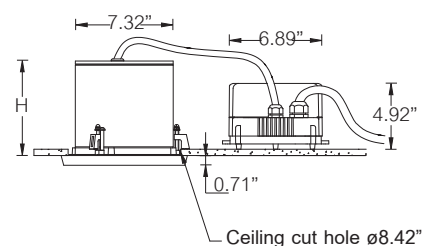
Robust 3 recessed exterior downlight square 9.44" symmetrical reflector

Model No.	Lamp	Holder	Beam	Lumen	Weight	(H) Height	Picture
URO-80161	PAR-38 HAL 120w.	MED	10°/30°	1800	5.7 lb.	7.67"	1
URO-80162	CFQ 26w./CFTR 32/42w.	Gx24q-3/4	79°/74°/79°	1550/2040/2720	7.4 lb.	9.05"	1
URO-80163-VN	T10 HALOGEN 150w.	MED	16°	2500	6.1 lb.	7.67"	1
URO-80163-N	T10 HALOGEN 150w.	MED	22°	2500	6.1 lb.	7.67"	1
URO-80163-M	T10 HALOGEN 150w.	MED	35°	2500	6.1 lb.	7.67"	1
URO-80163-W	T10 HALOGEN 150w.	MED	42°	2500	6.1 lb.	7.67"	1
URO-80163-VW	T10 HALOGEN 150w.	MED	62°	2500	6.1 lb.	7.67"	1
URO-80164	PMH-ED17 70w.	MED	67°	4000	12.5 lb.	9.05"	2
URO-80165	PMH-ED17 100w.	MED	67°	6500	12.7 lb.	9.05"	2
URO-80166	HPS-ED17 70w.	MED	79°	5450	12.5 lb.	9.05"	2
URO-80167-VN	T6 CMH 39w.	G12	6°	2720	10.1 lb.	10.07"	1
URO-80167-N	T6 CMH 39w.	G12	12°	2720	10.1 lb.	10.07"	1
URO-80167-M	T6 CMH 39w.	G12	26°	2720	10.1 lb.	10.07"	1
URO-80167-W	T6 CMH 39w.	G12	35°	2720	10.1 lb.	10.07"	1
URO-80167-VW	T6 CMH 39w.	G12	60°	2720	10.1 lb.	10.07"	1
URO-80168-VN	T6 CMH 70w.	G12	6°	5600	12.1 lb.	7.08"	2
URO-80168-N	T6 CMH 70w.	G12	12°	5600	12.1 lb.	7.08"	2
URO-80168-M	T6 CMH 70w.	G12	26°	5600	12.1 lb.	7.08"	2
URO-80168-W	T6 CMH 70w.	G12	35°	5600	12.1 lb.	7.08"	2
URO-80168-VW	T6 CMH 70w.	G12	60°	5600	12.1 lb.	7.08"	2
URO-80169-VN	T6 CMH 100w.	G12	10°	7600	13.6 lb.	7.08"	2
URO-80169-N	T6 CMH 100w.	G12	12°	7600	13.6 lb.	7.08"	2
URO-80169-M	T6 CMH 100w.	G12	30°	7600	13.6 lb.	7.08"	2
URO-80169-W	T6 CMH 100w.	G12	40°	7600	13.6 lb.	7.08"	2
URO-80169-VW	T6 CMH 100w.	G12	64°	7600	13.6 lb.	7.08"	2
URO-80170-VN	T6 CMH 150w.	G12	10°	11500	13.6 lb.	7.08"	2
URO-80170-N	T6 CMH 150w.	G12	12°	11500	13.6 lb.	7.08"	2
URO-80170-M	T6 CMH 150w.	G12	30°	11500	13.6 lb.	7.08"	2
URO-80170-W	T6 CMH 150w.	G12	40°	11500	13.6 lb.	7.08"	2
URO-80170-VW	T6 CMH 150w.	G12	64°	11500	13.6 lb.	7.08"	2



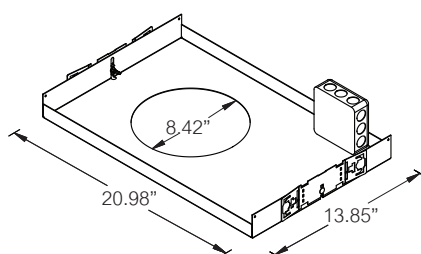
Bottom view

Picture 1



Bottom view

Picture 2



Option (RT - 8.4) Rough in ceiling tray for 8.42"



Robust 3 recessed exterior downlight square 9.45" LED

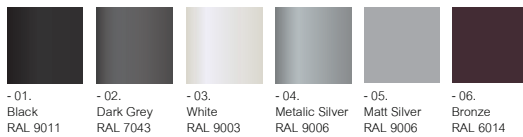
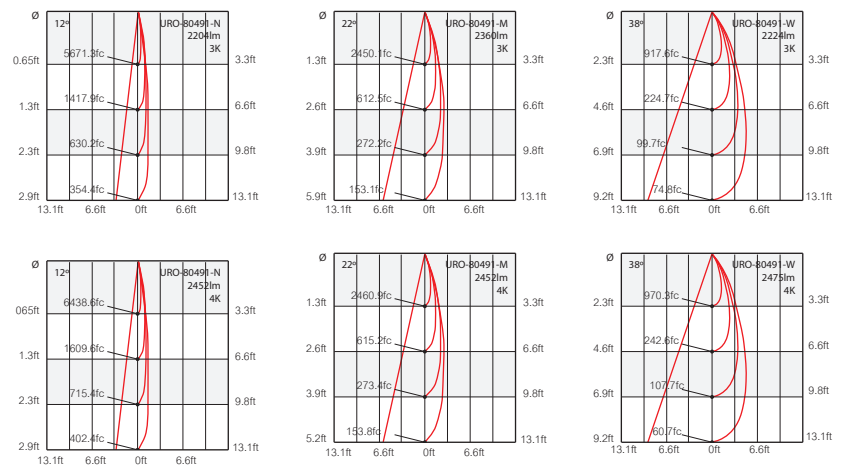
IP65 /EN 60598/CLASS I / / /IK10



Suitable for wet locations

Robust 3 is an exterior downlight square front frames make this luminaire an attractive option for most design applications. This luminaire is suited for interior and exterior lighting. The Robust 3 is ball proof and suitable for sports facilities.

Low copper content die-cast aluminium housing with a chemical chromated protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Power is provided to the luminaire through water tight cable gland. and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable. Durable silicone rubber gasket and clear toughened glass. Remote driver. Consult factory for dimming options. Optional rough in tray is available.



Product Family

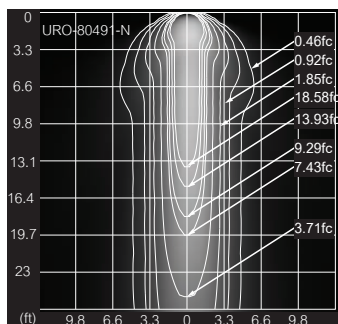
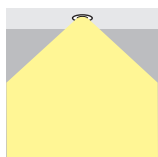
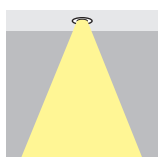
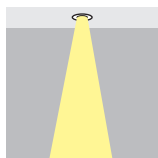




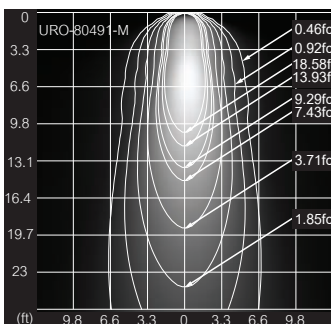
URO-80491-N

Robust 3 recessed downlight square 9.45" HP LED

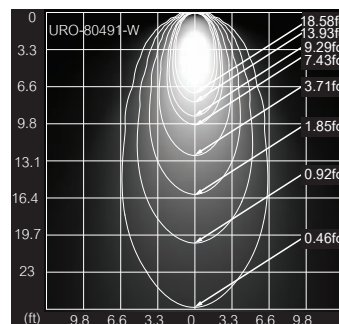
Model No.	Lamp	Light output	LED colour	Power W	Beam	Weight	Dimmable 1-10V
URO-80491-N-W27	24 LED	2071 lm	2700K	40	12°	12.1lb.	•
URO-80491-N-W30	24 LED	2204 lm	3000K	40	12°	12.1lb.	•
URO-80491-N-W40	24 LED	2452 lm	4000K	40	12°	12.1lb.	•
URO-80491-M-W27	24 LED	2218 lm	2700K	40	22°	12.1lb.	•
URO-80491-M-W30	24 LED	2360 lm	3000K	40	22°	12.1lb.	•
URO-80491-M-W40	24 LED	2452 lm	4000K	40	22°	12.1lb.	•
URO-80491-W-W27	24 LED	2090 lm	2700K	40	39°	12.1lb.	•
URO-80491-W-W30	24 LED	2224 lm	3000K	40	39°	12.1lb.	•
URO-80491-W-W40	24 LED	2475 lm	4000K	40	39°	12.1lb.	•



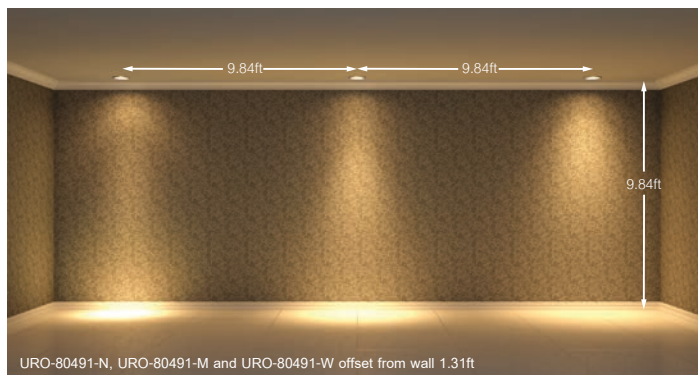
(N) Narrow beam



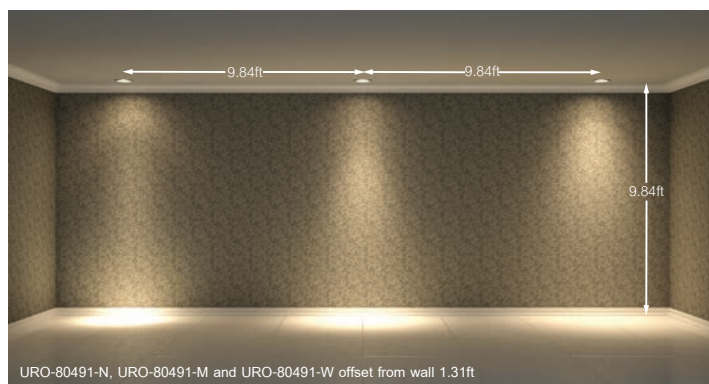
(M) Medium beam



(W) Wide beam



(N), (M), (W) beam in 3000K



(N), (M), (W) beam in 4000K

