

LUMINAIRE SPECIFICATION

www.ligman.com



Outdoor Lighting Solutions

PROJECT : _____ DATE : _____
 LOCATION : _____
 QUANTITY : _____ NOTE : _____



RO-

Robust 1 recessed exterior downlight round dia. 240mm. symmetrical reflector

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

PRODUCT TYPE

Ceiling luminaire

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 luminaires is suited for interior and exterior lighting. The Robust 1 and 2 are ball proof and suitable for sports facilities.

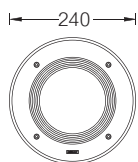
Low copper content die-cast aluminum housing with a chemical chromated protection before powder coating, ensuring high corrosion resistance. Stainless steel screws. Durable silicone rubber gasket and clear toughened glass. Power is provided to the luminaire through a watertight cable gland.

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

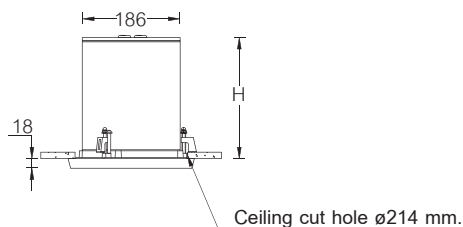
LAMP

- QT32 150w. - PAR38 120w. 220-230v. - TC-D 26w. - TC-TEL 26w. - TC-TEL 32w. - TC-TEL 42w.
 - HSE 70w. - HIE 70w. - HIE 100w. - HIT-CE 35w. - HIT-CE 70w. HIT-CE 150w.

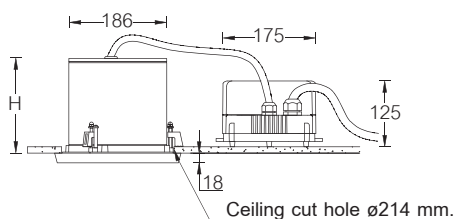
DIMENSION



Bottom view



Picture 1



Picture 2

(N) Narrow beam

(W) Wide beam

*ECG = This model can be used electronic ballast , Please note -ECG After the model no.
 for order with electronic ballast

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Model No.	Lamp	Holder	Beam	Lumen	Weight	(H) Height	Picture	CCG	*ECG
☐ RO-80030	TC-D 26w.	G24d-3	79°	1800	3.2 kg.	230mm	1	•	•
☐ RO-80031	PAR38 120w. 220-230v.	E27	12°/30°	9300/3100cd	2.5 kg.	195mm	1	-	-
☐ RO-80032-VN	QT32 150w.	E27	16°	2500	2.6 kg.	195mm	1	-	-
☐ RO-80032-N	QT32 150w.	E27	22°	2500	2.6 kg.	195mm	1	-	-
☐ RO-80032-M	QT32 150w.	E27	35°	2500	2.6 kg.	195mm	1	-	-
☐ RO-80032-W	QT32 150w.	E27	42°	2500	2.6 kg.	195mm	1	-	-
☐ RO-80032-VW	QT32 150w.	E27	62°	2500	2.6 kg.	195mm	1	-	-
☐ RO-80033-26	TC-TEL 26w.	Gx24q-3	64°	1800	2.4 kg.	230mm	1	-	•
☐ RO-80033-32	TC-TEL 32w.	Gx24q-3	74°	2400	2.4 kg.	230mm	1	-	•
☐ RO-80033-42	TC-TEL 42w.	Gx24q-4	79°	3200	2.4 kg.	230mm	1	-	•
☐ RO-80035	HSE 70w.	E27	79°	5600	5.6 kg.	230mm	2	•	-
☐ RO-80036-VN-35	HIT-CE 35w.	G12	6°	3300	4.5 kg.	256mm	1	•	•
☐ RO-80036-N-35	HIT-CE 35w.	G12	12°	3300	4.5 kg.	256mm	1	•	•
☐ RO-80036-M-35	HIT-CE 35w.	G12	26°	3300	4.5 kg.	256mm	1	•	•
☐ RO-80036-W-35	HIT-CE 35w.	G12	35°	3300	4.5 kg.	256mm	1	•	•
☐ RO-80036-VW-35	HIT-CE 35w.	G12	60°	3300	4.5 kg.	256mm	1	•	•
☐ RO-80036-VN-70	HIT-CE 70w.	G12	6°	6600	5.4 kg.	180mm	2	•	•
☐ RO-80036-N-70	HIT-CE 70w.	G12	12°	6600	5.4 kg.	180mm	2	•	•
☐ RO-80036-M-70	HIT-CE 70w.	G12	26°	6600	5.4 kg.	180mm	2	•	•
☐ RO-80036-W-70	HIT-CE 70w.	G12	35°	6600	5.4 kg.	180mm	2	•	•
☐ RO-80036-VW-70	HIT-CE 70w.	G12	60°	6600	5.4 kg.	180mm	2	•	•
☐ RO-80037-VN	HIT-CE 150w.	G12	10°	14000	6.1 kg.	180mm	2	•	•
☐ RO-80037-N	HIT-CE 150w.	G12	12°	14000	6.1 kg.	180mm	2	•	•
☐ RO-80037-M	HIT-CE 150w.	G12	30°	14000	6.1 kg.	180mm	2	•	•
☐ RO-80037-W	HIT-CE 150w.	G12	40°	14000	6.1 kg.	180mm	2	•	•
☐ RO-80037-VW	HIT-CE 150w.	G12	64°	14000	6.1 kg.	180mm	2	•	•
☐ RO-80038	HIE 70w.	E27	67°	4900	5.6 kg.	230mm	2	•	•
☐ RO-80039	HIE 100w.	E27	67°	8000	5.7 kg.	230mm	2	•	•



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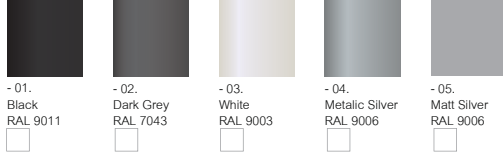
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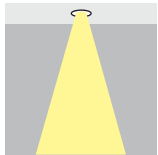
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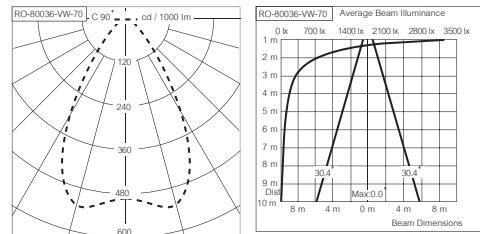
AVAILABLE COLOUR



LIGHTING SIMULATION



PHOTOMETRIC DATA



PROJECT REFERENCES

