

COMMERCIAL INCANDESCENT FITTINGS

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CI/SIB	(63.2)
UDC	696.6 :628.976

MINISPOT DGN 490

40 Watt Adjustable Mini Spotlight

Small spotlight fitting in white or brown which takes the new R16 lamp giving a well controlled spotlight beam.

APPLICATIONS

Suitable applications include:

Domestic

- Bedhead lighting
- Pictures
- Work surface lighting
- Mirror lighting
- Localised lighting for reading or sewing

Commercial

- Hotel bedrooms – bedhead console, dressing table
- Reception display areas
- Atmosphere lighting for restaurants
- Jewellers display cabinets
- Local effects in museums and art galleries



INCANDESCENT FITTING

Handbook Ref.	1.1.1
To reorder this Data Sheet quote	11.77 PL 1295/2
Replaces	PL 1295/1

FEATURES

- Modern clean line styling ideally suited to contemporary decor.
- Compact and economic light source using the Philips new miniature 40 Watt reflector lamp R16.
- Suitable for wall and ceiling mounting, easily angled having 180° lateral and 90° vertical movement.
- The R16 Reflector lamp provides an excellent spot beam, ideal for domestic and semi display applications.
- A double insulated fitting, requiring only two core cable, no earthing necessary. Fewer connections means easier and cheaper installation.
- The smallness of the R16 lamp enables the fitting to be compact, neat and unobtrusive.
- Polycarbonate used for the base with aluminium lamp shield, finished white. Robust in use.
- Black diaphragm inset to minimise reflected glare.
- Standard B.S. Box connection in base.
- Packed for Retail Trade in blister pack for easy display.
- The blister (or Kombi pack) includes a R16 40 Watt Reflector lamp for customer convenience.

MATERIALS & FINISH

- Lamp housing and base:** white or brown matt finish polycarbonate
- Lamp shield:** white or brown matt painted aluminium
- Baffle:** black polyamide
- Lamp holder:** ceramic
- Country of origin:** Lamp Holland
Fitting Holland

SPECIFICATION

- Type complies with BS4533 Part I and C.E.E. 25
- Class II electrical protection (double insulated)
- VDE Test House approval mark (West Germany)

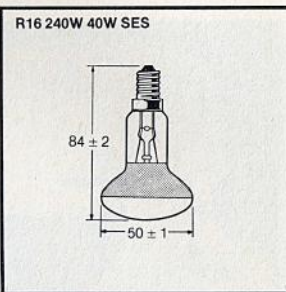
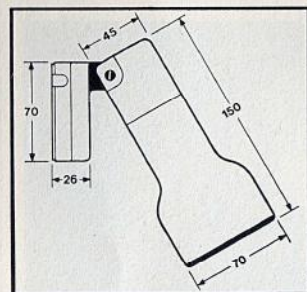
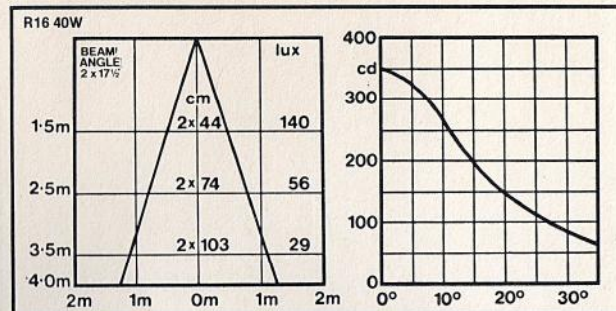
To specify state:

Miniature double insulated, wall mounting luminaire designed to incorporate a 40 Watt reflector lamp of 50mm maximum diameter such as Philips type R16 giving 140 lux at a distance of 1.5 metres. Philips DGN 490 or equivalent.

RANGE OF OPERATION

Supply voltage up to 250 Volts. 2 amp rating maximum.

LAMP PERFORMANCE DATA



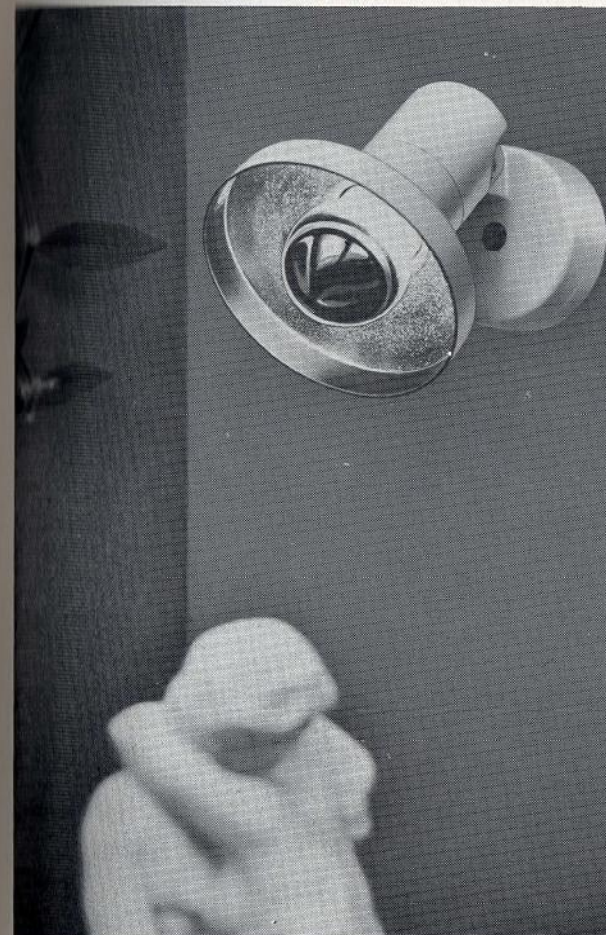
All dimensions in mm



Kombi pack for retail trade

ORDERING DATA

Catalogue No.	Description	Watts	Suitable for Lamp Types	Outer Box Quantity
DGN490/20 Kombi	White Minispot Kombi Pack complete with Lamp	40W	R16	8
DGN490/42 Kombi	Brown Minispot Kombi Pack complete with Lamp	40W	R16	8
Replacement Lamps: R16	240V 40W SES Cap Reflector Lamp	—	—	25



C1/S1B	(63.2)
UDC	696.6 : 628.976

DGN 491 MINISPOT

40W adjustable mini spotlight

Small indoor spotlight fitting in white or brown to take the new 40W bowl reflector lamp, complementing the DGN 490 Minispot fitting.

APPLICATIONS

Suitable applications include:

Domestic

- Stereo console lighting
- Bedhead lighting
- Pictures
- Work surface lighting
- Localised lighting for reading, sewing, etc.

Commercial

- Shop window or cabinet display
- Hotel bedrooms – bedroom console and dressing table
- Hotel reception display areas
- Localised spot lighting in museums, art galleries, restaurants and discotheques

Handbook Ref.

1.1.2

To reorder this data sheet quote

5/78 PL1832/2

Replaces

PL1832/1

FEATURES

- Miniature, clean styling, in conjunction with the new 40W bowl reflector lamp, make the fitting particularly suitable for complementing contemporary decor.
- Excellent field of display, with 180° lateral and 90° vertical adjustment.
- Class II electrical protection (double insulated – no earth required).
- Simply and quickly installed, and will fit on standard BS boxes.
- Controlled narrow beam giving a well defined spot.
- Focussing adjustment gives the user control over the beam angle.
- Packed for the retail trade in blister (Kombi) pack complete with lamp, for ease of display identification and customer convenience, while providing good protection.

SPECIFICATION

- Type complies with BS 4533 and CEE 25
- Class II electrical insulation (double insulated)
- VDE Test House approval mark (W. Germany)

To specify state:

Miniature, adjustable, narrow beam spotlight fitting in self-coloured white or brown polycarbonate with fine focussing brightened aluminium reflector taking 40W bowl mirrored lamp. Double insulated. Philips DGN 491 or equivalent.

MATERIALS & FINISH

Body and base: White or brown matt-finished polycarbonate.

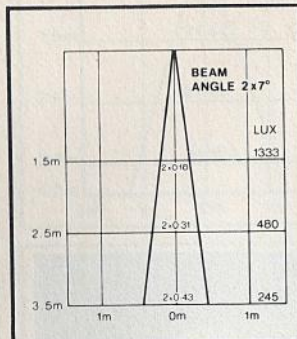
Reflector: Spun aluminium, brightened and anodised inside, white or brown satin finish outside.

Lampholder: Ceramic.

RANGE OF OPERATION

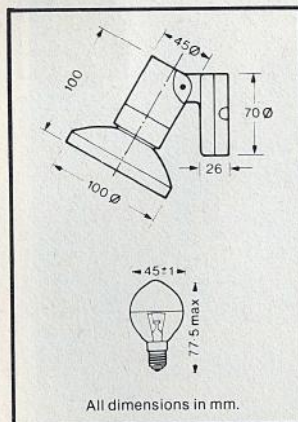
For indoor use on 240V nominal supplies.

BEAM ANGLE DATA



*Nominal minimum beam angle measured between 50% intensity values.
Peak beam intensity 3000 cd.

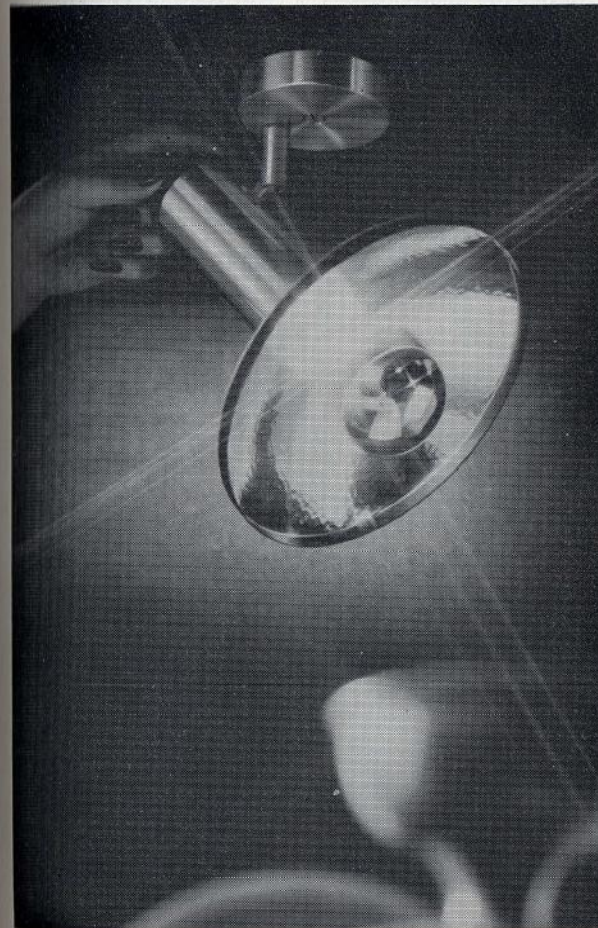
DIMENSIONS



All dimensions in mm.



KombiPak for Retail Trade



ORDERING DATA

Catalogue No.	Description	Watts	Suitable for lamp types	Outer Box qty.
DGN 491/20 Kombi	White Minispot KombiPak complete with lamp	40W	240/250V 40W SES Bowl Reflector Lamp	8
DGN 491/42 Kombi	Brown Minispot KombiPak complete with lamp	40W	240/250V 40W SES Bowl Reflector Lamp	8
Replacement Lamps				
240/250V 40W SES	Bowl Reflector Lamp	—	—	25

Please order in multiples of the box quantity.

Made in Holland.

CI/SIB (63.2)
UDC 696.6:628.976

W9600/W9605 ADJUSTABLE SPOTLIGHTS

Indoor display fitting for reflector, pressed glass and bowl reflector lamps

The W 9600 and W 9605 together with their many attachments and forms provide a versatile range of display lighting in the traditional turned aluminium finish.

RANGE

The basic fitting is available in surface mounted (W 9600) or clamp version (W 9605) with the following attachments:

- W 9601 Clear parabolic reflector for 100 Watt Bowl Reflector lamps.
- W 9602/3/4 as above with Red, Yellow and Blue finish.
- W 9622 Screening ring. Use alone for eliminating sideways glare or together with:
- W 9623/4/6/7 Coloured filters (Red, Blue, Green, Yellow) for coloured effects with PAR 38 lamps.

APPLICATIONS

Applications include:

- Shop window display
- Bars, Pubs and Clubs
- Discotheques
- Boutiques
- Exhibitions
- Museums
- Churches

Handbook Ref.

1.1.3

To reorder this Data Sheet quote 4.77 PL1708/1

Replaces PL1708

FEATURES

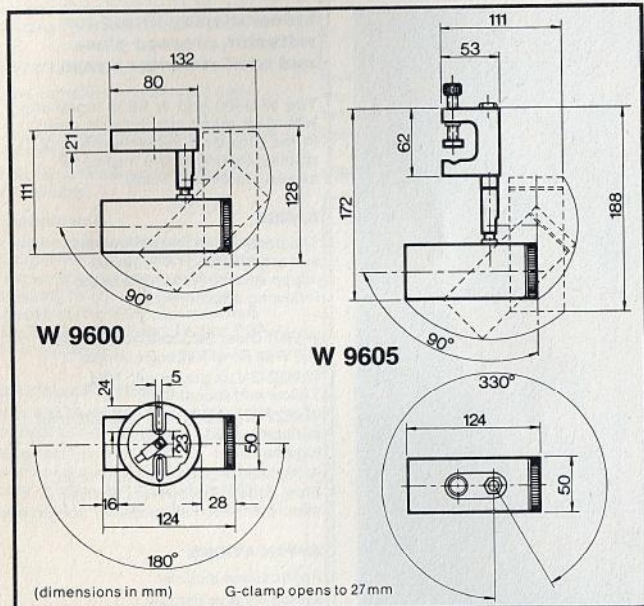
- Philips focussing ring enables bowl reflector lamps in their parabolic reflectors to be focussed easily with one hand, allowing the size of the light-patch to be varied.
- The fitting can be rotated through 350° in the horizontal and 90° in the vertical giving a wide field of display.
- Robust design, with the long life knuckle joint which does not require locking.
- Attractive aluminium finish which blends with most decors.
- Standard B.S. Box base fixing.
- W9600 wired with two heat resistant leads with earth point on base plate.
- W9605 supplied with 2m flexible cable.

SPECIFICATION

- Type complies with BS 4533 2.2.
- Class I Insulation (earth required).
- Easily adjustable spotlight fitting with alternate G-clamp version.
- Sturdy all aluminium construction with extruded barrel housing a ceramic E.S. lampholder pre-wired with silicone rubber insulated 0.75mm² conductors.

To specify state:

Fully adjustable aluminium display fitting with a range of clip-on accessories. The lampholder position within the barrel to be adjustable by means of a rear focussing ring, as Philips W 9600 series or Philips W 9605 series.



ORDERING DATA

Type No:	Description	Max. Watts	Suitable for Lamp types	Box Qty.	To order please quote:
W 9600	Basic Unit	150*	PAR 38, R20, R30, R40	4	021307
W 9601	Clear Reflector	100	Bowl Reflector	4	021404
W 9602	Red Reflector	100	Bowl Reflector	4	021417
W 9603	Yellow Reflector	100	Bowl Reflector	4	022762
W 9604	Blue Reflector	100	Bowl Reflector	4	022775
W 9605	Clamp Fitting	150*	PAR 38, R20, R30, R40	4	022555
W 9622	Screening Ring	100	PAR 38	4	022652
W 9623	Red Filter	100	PAR 38	4	022665
W 9624	Blue Filter	100	PAR 38	4	022678
W 9626	Green Filter	100	PAR 38	4	022681
W 9627	Yellow Filter	100	PAR 38	4	022694

*excluding "Cool-Beam".



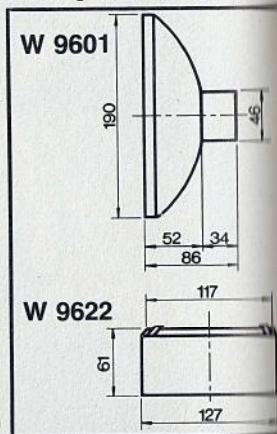
W 9605 DIMENSIONS, WEIGHTS & ELECTRICAL DATA

Weight of basic unit (less lamp) = 0.305 kg approx.

W 9600 fixing slots suit B.S. Boxes. The base will cover a B.S. Box.

Accepts E.S. capped reflector lamps up to 150 Watts (excluding dichroic "Cool-Beam" types) and takes the E.S. 100 Watt Bowl reflector lamp used with reflector attachment.

The fitting must be earthed.



MATERIALS & FINISH

Basic unit and reflectors: turned aluminium

Lampholder: ceramic

Coloured filters: stained glass

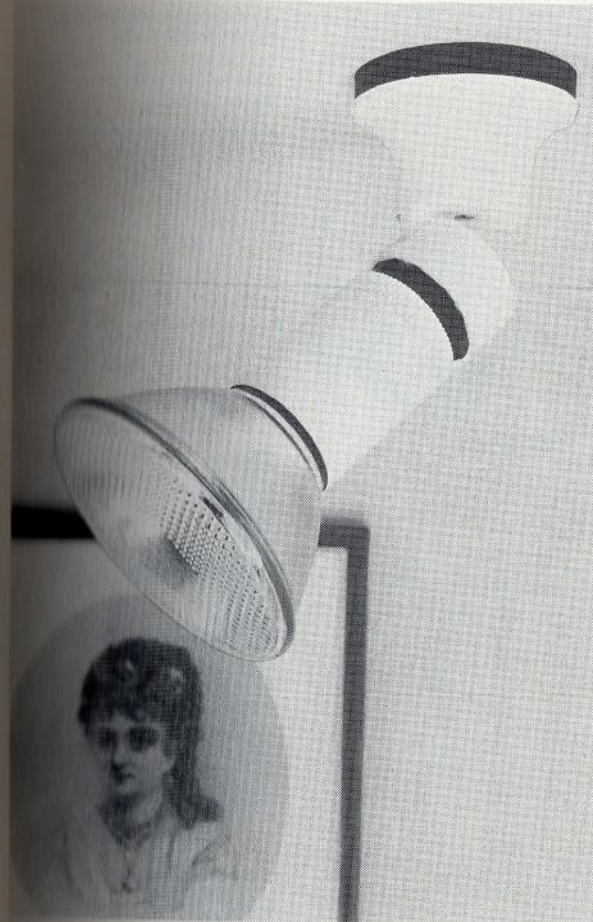
Screening ring: black aluminium

RANGE OF OPERATION

For indoor use only on 240V nominal supplies.

Lamp: PAR 38 (Holland), R20, R30, R40, Bowl Reflector (U.K.).

Fitting: Holland.



CI/SIB	(63.2)
UDC	696.6:628.976

AGS SPOTLIGHT SYSTEM

A system of indoor spotlight fittings designed to be used with a wide range of blown bulb and pressed glass reflector lamps

A comprehensive system of matching units which provides a wide variety of lighting effects combined into one family image. Flexibility of application and strong design combine to make this a formidable range.

RANGE

AGS 20 — White basic unit with detachable collar for use with 100/150W PAR 38 pressed glass lamps.

AGS 42 — Brown basic unit as above.

GGG 01 — Screening shield for R20 lamps (60W reflector lamps).

GGG 02 — Screening shield for R30 lamps (100W reflector lamps).

GGG 04 — Parabolic reflectors for 100W bowl reflector lamps.

W9622 — Anti-glare shield for attachment to PAR 38 lamps.

W9623/4/6/7 — Coloured glass filters for use with clear PAR 38 lamps and W9622.

Kombi packs

Two Kombi pack versions are available in white only:—

AGS 20 + 60W R20 lamp + GGS 01/20

AGS 20 + 60W bowl reflector lamp + Reflector.

APPLICATIONS

Applications are:

- Shop window display
- Hotel reception areas — picture lighting, highlighting island display areas and plant groupings
- Museums and Art Galleries
- Entrance halls and foyers of offices, flats, public buildings, concert halls
- Domestic spotlighting in the R20 version
- Prestige areas e.g. Boardrooms, Directors dining rooms, visitors exhibition areas

Handbook Ref.

1.1.4

To reorder this data sheet quote

3.78 PL 1711/2

Replaces

PL 1711/1

FEATURES

Smart modern styling is ideally suited to contemporary decors.

■ A knurled ring on the body enables one handed fine focussing of the GGS 04 reflector, allowing any spot beam angle between 16° and 24° (50% intensity values) to be chosen.

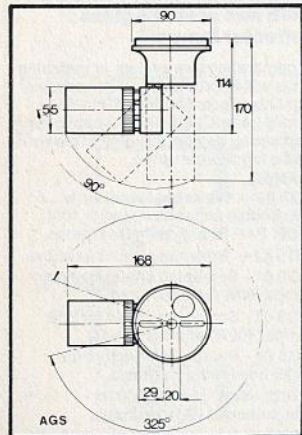
■ The two screening shields incorporate a grooved diaphragm to reduce sideways glare from the inside of the shield.

■ Suitable for wall or ceiling mounting. The fitting can rotate through 325° horizontally and 90° vertically giving an excellent field of display.

■ Body of fitting is made from polycarbonate which is very robust (as used in vandal-proof fittings).

■ Double insulated. Does not require earthing.

■ Standard B.S. Box fixings in base.



■ Basic unit and the Kombi pack are supplied in a blister pack, as an aid to retail selling.

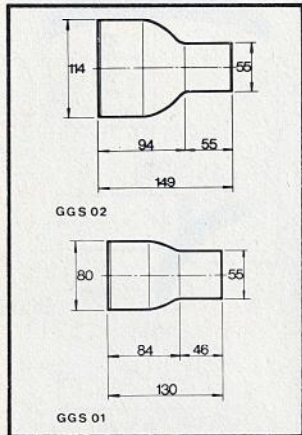
■ The Kombi pack versions are complete with reflector and lamp which enables only one package to be sold with no confusion over the lamp type required.

SPECIFICATION

■ Type complies with BS 4533 2.2. Class II electrical protection. (Double insulated.)

To specify state:

Double insulated, adjustable fitting to BS 4533 2.2 standard, suitable for reflector lamps up to 150W with provision for focussing 100W bowl reflector lamps, or enclosing reflector lamps up to 100W by means of accessories, such as Philips AGS.



MATERIALS & FINISH

Basic unit: Makrolon (polycarbonate)

PAR 38 collar: Aluminium

R20 & R30 shields: Aluminium with black polyamide anti-glare diaphragm

Parabolic reflector: Brightened hammer-finish aluminium with black internal rim; smooth, white or brown finish to rear.

Lampholder: Ceramic ES type.

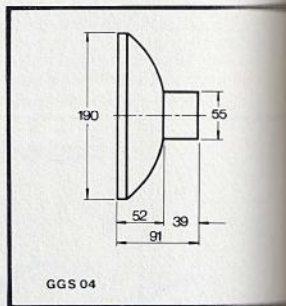
RANGE OF OPERATION

For indoor use. Not suitable for cool beam PAR 38 lamps.

DIMENSIONS, WEIGHTS & ELECTRICAL DATA

For 100-240V nominal supply. Maximum 150 watts. 3A.

Weight: 0.22 kg.



AGS R20 Kombi

Lamp: R20, R30, Bowl reflector (U.K.) PAR 38 (Holland).

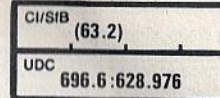
Fitting: Holland.

ORDERING DATA

Catalogue number	Description	Watts	Suitable for lamp types	Box Qty.
AGS 20	Basic Unit White (ES Lampholder)	150	PAR 38*	8
AGS 42	Basic Unit Brown (ES Lampholder)	150	R20, R30	8
GGG 01/20	R20 Shield White	60	R20	4
GGG 01/42	R20 Shield Brown	60	R20	4
GGG 02/20	R30 Shield White	100	R30	4
GGG 02/42	R30 Shield Brown	100	R30	4
GGG 04/300	White/Green Reflector	100	Bowl Reflector	4
GGG 04/301	White/Clear Reflector	100	Bowl Reflector	4
GGG 04/302	White/Red Reflector	100	Bowl Reflector	4
GGG 04/303	White/Blue Reflector	100	Bowl Reflector	4
GGG 04/304	White/Yellow Reflector	100	Bowl Reflector	4
GGG 04/501	Brown/Clear Reflector	100	Bowl Reflector	4
W9622	Par 38 Shield	150	Par 38*	4
W9623	Red Filter	100	Par 38	4
W9624	Blue Filter	100	Par 38	4
W9626	Green Filter	100	Par 38	4
W9627	Yellow Filter	100	Par 38	4
AGS 20 (R20) Kombi	AGS 20 + R20 + R20 Shield	60	R20	8
AGS 20 (Bowl Reflector) Kombi	AGS 20 + 60W Bowl Reflector Lamp + Reflector	60	Bowl Reflector	8

*excluding 'Cool spot'.

Note: Lamps should be ordered separately — except for Kombi packs.



DGN350

Basic adjustable spotlight

Indoor display fitting for use with PAR 38 reflector lamps and 60 watt bowl reflector lamps

A simple modern spotlight fitting designed for use with PAR 38 lamps and with the addition of a reflector for 60 watt bowl reflector lamps.

RANGE

DGN 350/20 White basic unit.

DGN 350/40 Black basic unit.

ZZZ 350/00 Aluminium reflector for 60 watt bowl reflector lamps.

W9622 Black screening ring (for use with PAR 38 lamps).

W9623 Red glass filter.

W9624 Blue glass filter

W9626 Green glass filter

W9627 Yellow glass filter.

Kombi packs

A Kombi pack is also available.

This is: DGN 350/20 + 60 Watt bowl reflector lamp + reflector.

APPLICATIONS

Main application as a simple, economical and functional spotlight for use in:

- exhibitions
- displays
- public buildings and halls
- shops.
- home workshops
- domestic spotlighting

DGN350/20 with aluminium reflector and 60 watt bowl reflector lamp

Handbook Ref.

1.1.5

To reorder this Data Sheet quote 2.78 PL 1707/1

Replaces PL 1707

FEATURES

■ A clean, simply styled fitting with compact lines providing effective lighting at low cost. Modern functional design moulded in polycarbonate.

■ Double insulated, needing no earthing connections. Simple two core wiring means less connections, saving time and making installation easier. Ideally suited for use with existing wiring, where no earth wiring is present.

■ Standard BS Box connection in base.

■ Fully adjustable, giving excellent field of movement for display lighting. 260° rotation on the horizontal plane and 85° on the vertical.

■ ES lampholder will accept most types of display lamps giving great versatility in use, from PAR 38 reflector lamps with screening rings or colour filter attachment to the aluminium reflector for use with 60 watt bowl reflector lamp.

■ Ribbed collar is detachable and replaced by the aluminium reflector when bowl reflector lamps are used.

■ The basic unit and the Kombi pack are supplied in neat, clear plastic blister packs, ready for immediate display as an aid to retail selling.

■ The Kombi pack version is packed complete with reflector and lamp which enables only one package to be sold with no confusion over the lamp type required.

MATERIALS & FINISH

Body and base: Injection moulded polycarbonate

Reflector: Brightened anodised aluminium. Satin finished back

Lampholder: ceramic E.S.

WEIGHT

180 gms (without lamp or reflector)

SPECIFICATION

- Type complies with BS 4533 1
- Class II electrical protection (double insulated)
- V.D.E. approved (West Germany)

RANGE OF OPERATION

Supply voltage: 100 to 240 volt nominal. 2 amps max.

Lamp: PAR 38 (Holland) R 20, R 30, Bowl Reflector (U.K.)

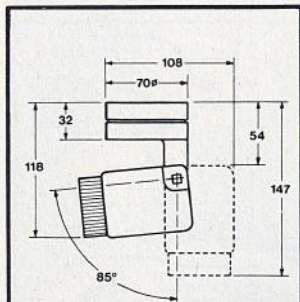
Fitting: Holland



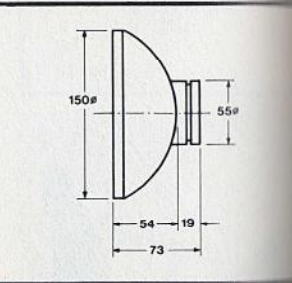
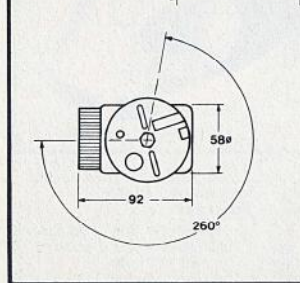
DGN350 with PAR 38 Reflector lamp



Individual Blister pack for retail trade



DGN 350/20 Kombi



All dimensions in mm

ORDERING DATA

Catalogue number	Description	Watts	Suitable for Lamp Type	Qty
DGN 350/20	Basic unit	150	PAR 38* R30, R20	1
DGN 350/40	Basic unit	150	PAR 38* R30, R20	1
ZZZ 350/00	Reflector	60	60W ES Bowl Reflector	1
W9622	Screening ring	150	PAR 38*	1
W9623	Red filter	100	PAR 38*	1
W9624	Blue filter	100	PAR 38*	1
W9626	Green filter	100	PAR 38*	1
W9627	Yellow filter	100	PAR 38*	1
DGN 350/20	DGN 350/20 + 60W (bowl reflector) Kombi	60	Bowl Reflector	1

*excluding "Cool Spot".

N.B. Lamps should be ordered separately (except in Kombi version).

W 4001

Dragon recessed fitting

The W4001 is a fully recessed ceiling fitting intended for applications where a downward light is required.

RANGE

Adjustable for PAR 38, Blown Bulb Reflector Lamps, Cool Beam, PowerRay and the MLR plant lighting lamp.

W4001 can be used with infra-red lamps, to maximum 375 watts, as a combined heat and light unit and infra-red process heat unit.

APPLICATIONS

Possible applications include:

- Shop windows for display lighting
- Over counters
- Show cases, lighting from above
- Corridors
- Hotel halls
- Foyers
- Heat curtains to shop, hall and office entrances
- Plant lighting

FEATURES

- The W4001 is a simple yet very versatile fitting which can easily be removed for access.
- The fitting has an adjustable lampholder enabling various lamps to be used.
- The smart aluminium finish of the visible ring to the fitting is suitable for all ceiling colours.
- Fitted with two heat-resistant leads and earth point.



Handbook Ref.

1.1.6

To reorder this data sheet quote

11.77 PL 1710

Replaces

NEW

INCANDESCENT FITTING

MATERIALS & FINISH

Fitting body: Clear anodised aluminium

Bracket: Zinc plated

Lampholder: Porcelain

FIXING

Three countersunk holes in flange on 166mm P.C.D. Top bracket pre-drilled for two height adjustment positions and for mounting a heat resistant junction box if required.

SPECIFICATION

■ Type compliance with BS 4533

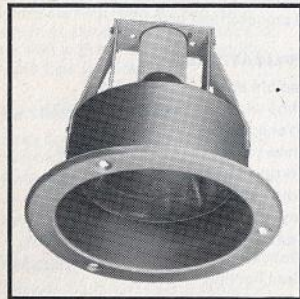
■ Fully recessed fitting for both downlighting and infra-red process applications, suitable for a variety of reflector lamps.

To specify state:

Fully recessed fitting suitable for reflector lamps up to 375W rating. The fitting shall comply with BS 4533 requirements. Satin anodised bezel.

Fitting: Made in UK

Lamps: Made in Holland
PAR 38, MLR, Infra-red, Cool Beam
Made in UK
PowerRay, R30, R40, 250W Infra-red.

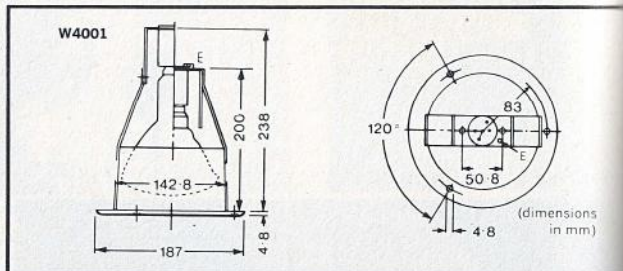


ELECTRICAL DATA

Class I insulation (earth required) for 100/240V supply 3A max. Fitted with 1 metre heat resisting tails.

DIMENSIONS & WEIGHT

Height adjustment (mm)	Diameter	Ceiling Cut-out	Flange	Weight	Cap
238 max., 200 min.	142.8 mm	146 mm dia	187 mm	650 gms	ES



BEAM ANGLE DATA* (for infra-red lamps see Data Sheet PL 1805)

PAR 38 SPOT		BEAM ANGLE	
2 x 8°		2 x 9°	
METRES	100W	150W	LUX
1	4000	7500	
2	1000	1850	
3	440	830	
4	250	470	

PAR 38 FLOOD		BEAM ANGLE	
2 x 19°		2 x 19°	
METRES	100W	150W	LUX
1	1800	3000	
2	450	750	
3	200	330	
4	110	185	

R30 100W LAMP SPOT/FLOOD		BEAM ANGLE	
2 x 17½°		2 x 17½°	
METRES	100W	LUX	
1	1000		
2	250		
3	110		
4	60		

R40 150W LAMP SPOT/FLOOD		BEAM ANGLE	
2 x 17½°		2 x 17½°	
METRES	150W	LUX	
1	2000		
2	500		
3	220		
4	125		

*Lamp data: Beam angle is measured at 50% intensity values.

For 24V 150W PAR 38 or R40 lamps replace tails supplied by heat resisting wiring of 6Amp current rating.

ORDERING DATA

Catalogue No.	Description	Packing Quantity
W4001	Fully recessed ceiling fitting	3

LAMP DATA

Lamp Type	Watts	Volts	Finish	Cap	Packing Qty.	Lamp Weight (gms)
R30	75/100	240/250	Diffused/Colour	ES	10	70
PAR 38	100/150	240	Spot/Flood/Colour	ES	15	325
R40	150	240/250	Diffused	ES	10	105
Infra-red, Reflector	250/300/375	230/250	Red/Clear	ES	9	150
*PowerRay MBFR/U	125	—	White	ES	9	128
MLR	160	240	Diffused	ES	12	109
CoolBeam	150	240	Spot	ES	15	325

*Appropriate control gear must be used with this lamp. See data sheet PL 1779.
Please order in the form given in the following example, in multiples of the packing quantity:
6 Philips recessed fittings W4001
10 Philips reflector lamps R30, 240/250V 100W diffused ES cap.
Note that lamps should be ordered separately.

RANGE OF OPERATION

Suitable for indoor use only.

CI/SIB	(63.2)
UDC	696.6:628.976

SQUARE SPOT NWS 104 NPS 69

60W switched indoor adjustable spotlight

The Philips Square Spot can be used for spotlighting in any commercial or domestic situation, where its square-cut design will blend with modern decor.

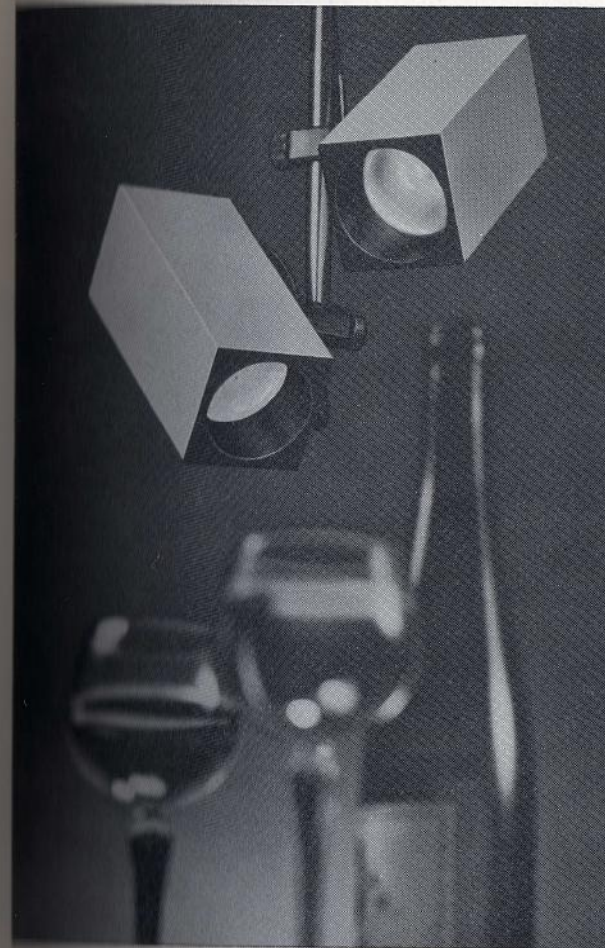
RANGE

Individual switched wall fittings (NWS 104) are available in white, orange and brown, and a matching twin ceiling pendant (NPS 69) is available in white, with a chromium-plated centre stem. All fittings take Philips 60W ES reflector lamps Type R20.

APPLICATIONS

Possible applications include:

- Reception display areas
- Atmosphere lighting in restaurants and boutiques
- Hotel bedrooms
- Local effects in museums and art galleries
- Many domestic situations, including the lighting of bedrooms, stairways, pictures, mirrors and work surfaces.



Handbook Ref.	1.1.7
To reorder this data sheet quote	12.77 PL 1732
Replaces	NEW

FEATURES

- Matt black heat-resisting diaphragm reduces sideways glare from the lamp.
- Attractively styled in white, orange or brown (ceiling pendant white only) to blend with modern decor.
- Design-matched 'on-off' switch places wall spotlights under individual control.
- Wide range of adjustment (the fitting can be rotated through 315° on its base and through 90° on the body) gives an excellent field of display.
- Push-fit diaphragm is easily removed for lamp replacement.
- Standard BS box connection in base.

SPECIFICATION

- Class I electrical protection (earth required).
- To specify state:**
- Adjustable square-section spotlight fitting with pushbutton switch and anti-glare diaphragm, similar to Philips Type NWS 104, taking 60W R 20 reflector lamp.
 - Ceiling pendant fitting with two adjustable square-section spotlights, each fitted with anti-glare diaphragms, similar to Philips Type NPS 69, taking 60W R 20 reflector bulbs.

MATERIALS & FINISH

- NWS 104 wall fitting**
Body and bracket: Steel; white, orange or brown
Lampholder: Porcelain ES
Diaphragm: Maranyl nylon, black
Base: Maranyl nylon; white, orange or brown
- NPS 69 ceiling pendant**
Body: Steel, white
Lampholder: Porcelain ES
Diaphragm: Maranyl nylon, black
Centre stem: Chromium-plated steel

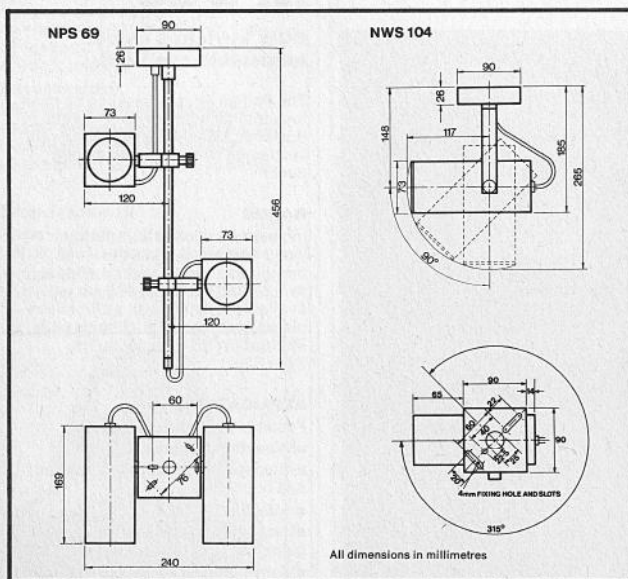
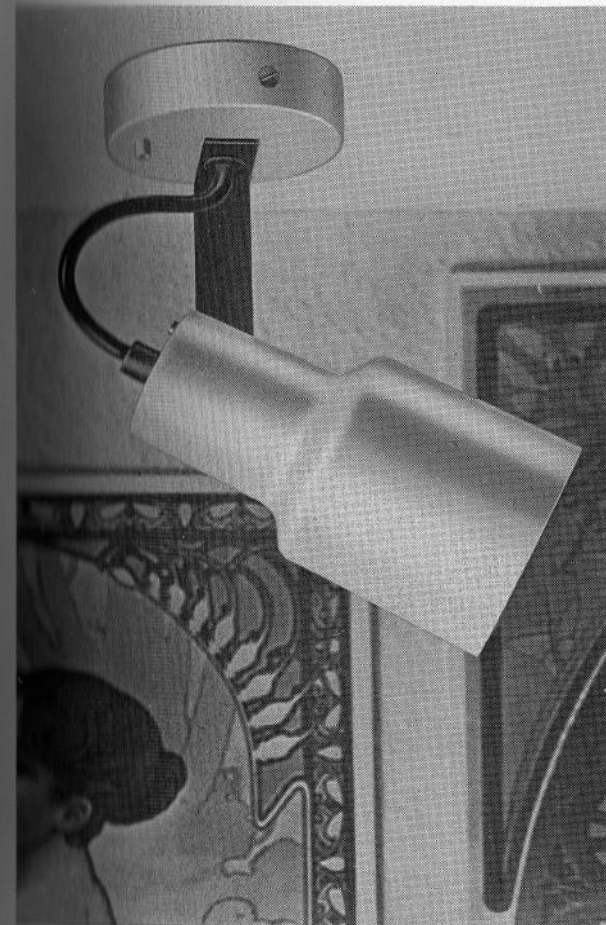
RANGE OF OPERATION

Normal indoor use.

Lamp: Made in Great Britain
Luminaire: Made in West Germany

R20 60W LAMP FLOOD

METRES	BEAM ANGLE 2 x 16°
1	700
2	175
3	80 LUX.
4	45



All dimensions in millimetres

WEIGHTS & ELECTRICAL DATA

Weights: NWS 104 – 657g
 NPS 69 – 1.4kg

For up to 240V (nominal) supplies. Maximum lamp 60W (2A max.).

REPLACEMENT LAMPS

Lamp	Watts	Volts	Cap	Finish
R 20	60	240/250	ES	Clear
R 20	40	240/250	ES	Red, blue, green, yellow

ORDERING DATA

Catalogue No.	Description	Finish	Pack quantity
NWS 104/30	Square spotlight switched	White	One
NWS 104/32	Square spotlight switched	Orange	One
NWS 104/42	Square spotlight switched	Brown	One
NPS 69	Twin ceiling pendant	White	One

N.B. Lamps should be ordered separately.

CI/SIB	(63.2)
UDC	696.6 : 628.976

NWS 83 SERIES

60W switched indoor adjustable spotlight

An attractively-styled spotlight that can be wall or ceiling mounted in any commercial or domestic situation where local effect or spotlighting is required.

RANGE

Fittings are available chromium-plated, or in white or brown, and are complete with pull-cord switches for wall or ceiling mounting. The switchcord can be removed if required. The fitting takes the R 20 60W reflector lamp or the coloured R 20 40W reflector lamp, and may also be used with the Superlux 60W lamp.

APPLICATIONS

Possible applications include:

- Reception display areas
- Atmosphere lighting in restaurants and boutiques
- Hotel bedrooms
- Local effects in museums and art galleries
- Many domestic situations, including the lighting of bedrooms, stairways, pictures, mirrors and work surfaces

Handbook Ref.

1.1.8

To reorder this data sheet quote 7.77 PL 1733

Replaces NEW

FEATURES

- Attractively styled in chromium, white or brown to blend with its surroundings.
- Pull-cord switch places each spotlight under individual control.
- Wide range of adjustment (the fitting can be rotated through 350° on its base and through 90° on the body) gives an excellent field of display.
- Choice of lamps (R 20 spotlight reflector lamp or Superlux) gives narrow or wide beam option.
- Fitted with terminal block.
- Will fit junction boxes.
- Matt black interior to reduce sideways glare from the lamp.

MATERIALS & FINISH

Body: (NWS 83/38) Steel, chromium-plated
(NWS 83/30) Steel, white finish
(NWS 83/42) Steel, brown finish
Base: Steel, matching finish (black for NWS 83/38)
Lampholder: Porcelain, BC

RANGE OF OPERATION

Normal indoor use.

SPECIFICATION

■ Class I electrical protection (earth required).

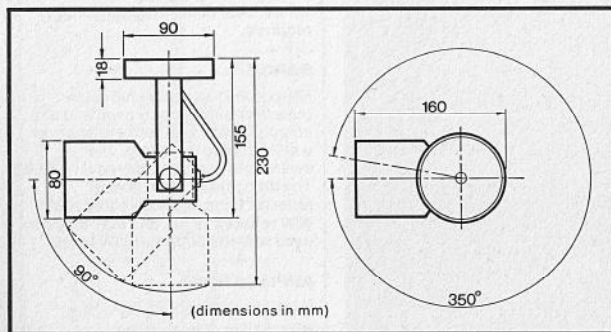
To specify state:

Adjustable spotlight fitting with switch with removable pull-cord, suitable for use with 60W R 20 reflector lamp, 40W R 20 coloured reflector lamp or 60W Superlux lamp, similar to Philips Type NWS 83.

BEAM ANGLE DATA

R 20 60W

METRES	BEAM ANGLE 2 x 10°
1	700
2	175
3	80 LUX.
4	45



DIMENSIONS, WEIGHTS & ELECTRICAL DATA

For up to 240V (nominal) operation. Max. wattage lamp 60W (2 amps max.).

Weight including lamp: NWS 83/38, NWS 83/30, NWS 83/42 } 475g

LAMP DATA

Lamp type	Watts	Volts	Cap	Finish
R 20	60	240/250	BC	Clear
R 20	40	240/250	BC	Red, blue, green, yellow
Superlux	60	240/250	BC	Argenta white

ORDERING DATA

Catalogue. No.	Description	Finish
NWS 83/30	Spotlight switched	White
NWS 83/42	Spotlight switched	Brown
NWS 83/38	Spotlight switched	Chromium-plated

Fittings supplied in boxes of four individually polythene wrapped.

Please order in the form given in the following example, in multiples of four.

48 Philips spotlight switched NWS 83/30

Lamps should be ordered separately.



Fitting: Made in West Germany
Lamps: Made in UK

CI/SIB	(63.2)
UDC	696.6:628.976

DGN 550 Knuckle Spot System

Indoor display fittings for use with a wide range of reflector lamps

A range of spotlight fittings and attachments in a choice of two modern colours, brown and white. The sophisticated design of the rotatable knuckle joint gives the fitting a unique design image and allows an extensive capacity for adjustment in all directions and for many types of lamps.

RANGE

	Brown	White
Basic Fitting	DGN 550/42	DGN 550/20
R20 Shield	GGG 01/42	GGG 01/20
R30 Shield	GGG 02/42	GGG 02/20
Parabolic Reflector	ZZZ 550/02	ZZZ 550/01

Plus attachments:

W9622 Black screening ring (for use with Par 38 lamps).

W9623/4/6/7 - Red/Blue/Green/Yellow glass filters to fit W9622.

These fittings are available for track mounting see Data Sheet PL 1786.

APPLICATIONS

Applications include:

- Shop window display
- Bars, pubs and clubs
- Discotheques
- Boutiques
- Exhibitions
- Museums
- Churches
- Entrance halls and foyers
- Public buildings

RANGE OF OPERATION

Supply voltage 100 to 240 volt nominal. 2 amps max.

Handbook Ref.

1.1.9

To reorder this data sheet quote

8.77 PL 1747

Replaces

NEW

FEATURES

- Basic unit is made of durable "polysulphon" plastic which allows more flexibility of design and is damage and heat resistant giving a long trouble free life.
- Double insulated, needing no earthing connections. Simple two core wiring means less connections, saving time and making installation easy. Ideally suited for use with existing wiring where no earth wire is present.
- Patented 'click' system attaches the fitting to its baseplate. No screw to get lost while wiring; easily removed with screwdriver.
- The attachments are fixed onto the fitting by a click system and then the parabolic reflector is focussed by turning the knurled ring on the reflector.
- Fully adjustable. 350° rotation in the horizontal plane and 180° in the vertical gives an excellent field of display.
- The cable is hidden in the knuckle joint so no wires are exposed to get caught or snagged.
- Supply cable can be inserted from the back or side by means of knockouts.
- The fitting is ready wired to a terminal block for ease of installation.
- Keyhole fixing slots match BS box.
- Durable, large diameter rotation joints do not require locking with a screwdriver.
- Basic unit supplied in blister pack for ease of display and identification.

MATERIALS & FINISH

- Body:** Polysulphon
- Wallplate, click button and anti-glare diaphragm:** Polyamide
- Bracket and wallplate cover:** Polycarbonate
- Lampholder:** Porcelain ES
- Reflectors:** Aluminium

SPECIFICATION

- Type complies with BS 4533.2.2.
- Class II electrical protection (double insulated).
- VDE approved (West Germany).

To specify state:

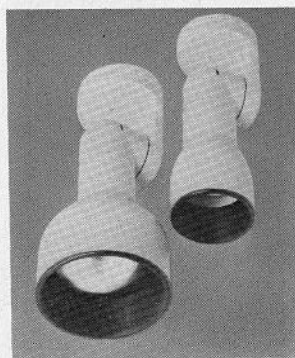
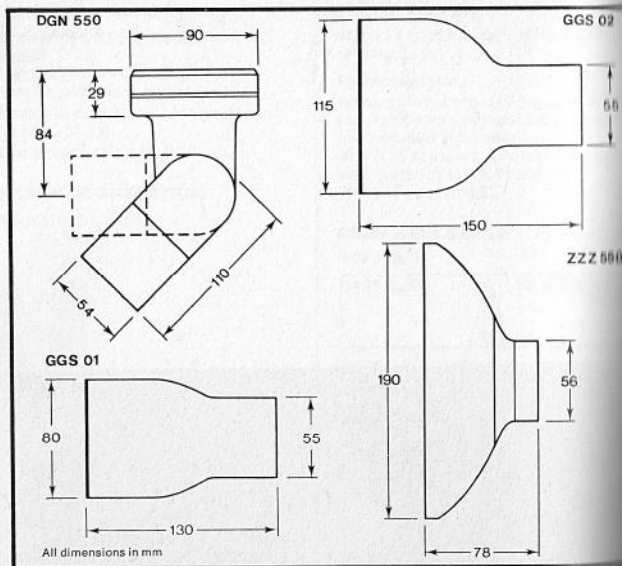
Double insulated plastic spotlight fitting with fully rotatable joints (350° x 180°). Also having push button base fixing and a range of attachments. As Philips DGN 550.

DIMENSIONS & WEIGHTS

Weight of basic unit (less lamp): 0.25 kg. See diagrams for dimensions.

Lamp: R20, R30, Bowl Reflector (UK) Par 38 (Holland).

Fitting: Holland.



DGN 550 Blister Pack

ORDERING DATA

Catalogue No.	Description	Box Qty.	To Order Please Quote	Suitable for Lamp Type
DGN 550/20	Basic Unit White	8†	022571	Par 38*
DGN 550/42	" " Brown	8†	022584	
ZZZ 550/01	100W Reflector White	4	023282	100W Bowl Reflector
ZZZ 550/02	" " Brown	4	023266	
GGS 01/20	R20 Shield White	4	023101	60W R30
GGS 01/42	" " Brown	4	023004	
GGS 02/20	R30 Shield White	4	023114	100W R30
GGS 02/42	" " Brown	4	023127	
W 9622	Screening Ring	4	022652	Par 38 100W
W 9623	Red Filter	4	022665	
W 9624	Blue Filter	4	022678	Par 38 100W
W 9626	Green Filter	4	022681	
W 9627	Yellow Filter	4	022694	

*excluding 150W Cool Spot. † individually blister packed in 8-way outer.

CI/SIB	(63.2)
UDC	696.6:628.976

RCS 635

Three Circuit Lighting Track System

Four conductor and earth track and accessories, with a versatile range of display fittings.

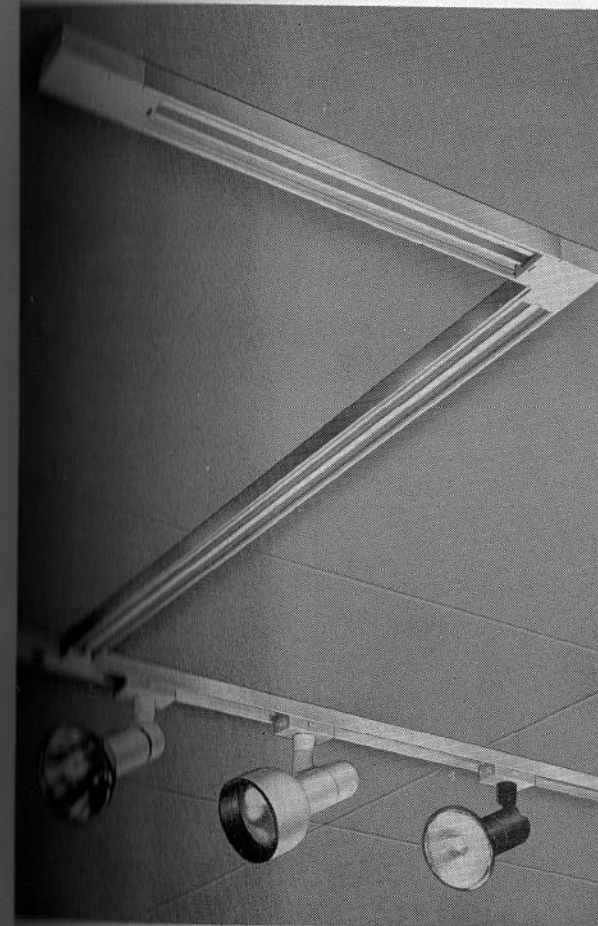
A simply installed surface-mounted system of shallow depth, suitable for use on single or three-phase supplies, at up to 3840W per circuit. The attractive range of fittings is designed and manufactured by Philips to set high standards of durability and versatility at realistic prices. Four independent conductors and earth permit three separately switched circuits.

RANGE

Extruded aluminium track in three module lengths of 1250 mm, 2500 mm and 3750 mm, with straight, L and T couplers, live end connector and dead end. Three basic ranges of spotlight fitting, each with a choice of attachments to give a total of 54 variations: DRN 352 for economy, RGS 03 and the stylish DRN 552.

APPLICATIONS

- Shop window display
- Shop interior display
- Assembly areas and workshops
- Museums and galleries
- Exhibition halls
- Foyers and reception areas
- Conference rooms
- Clubs, public houses and discotheques
- Restaurants



Handbook Ref

1.1.10

To reorder this data sheet quote 6/78 PL 1795/1

Replaces PL 1795

FEATURES

- Shallow depth and slim adaptors give increased headroom and neat, unobtrusive appearance.
- Three standard track lengths; easily cut to length without the need for special tools for track preparation. End insulation plugs supplied.
- Simple to install; slotted track screws directly to ceiling.
- Double-U section gives high resistance to bowing, with wide fixing centres.
- Each conductor rated up to 16A; earth continuity ensured by screw clamps to plated rail.
- Simple system with few components to simplify ordering and stock-holding.
- VDE and KEMA approved.
- Three ranges of popular display fittings – matching versions for independent mounting are available.

DIMENSIONS

Track lengths:

RCS 635/125	1205 mm
RCS 635/250	2455 mm
RCS 635/375	3705 mm

Couplers:

All couplers have an effective length of 45 mm.

Live end connector:

RCS 635/00 effective length 70 mm.

Dead end:

RCS 635/04 effective length 2 mm.

Note: The effective length of these components must be added to the track length in order to obtain the overall length of an installation.

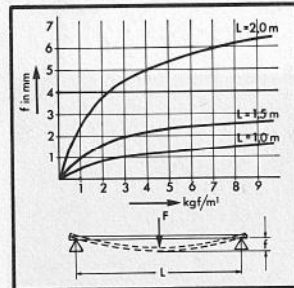
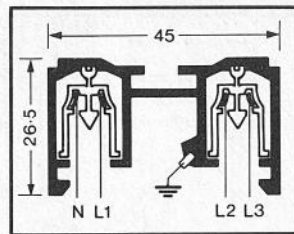
MATERIALS & FINISH

Track: Anodised aluminium extrusion, natural finish, with copper conductors in insulated moulding and plated earth conductor.

Couplers: Plated steel backplates with light grey clip-on covers. Supplied complete with track insulating plugs.

RANGE OF OPERATION

For indoor use only.
Up to 440V between phases, 50Hz.

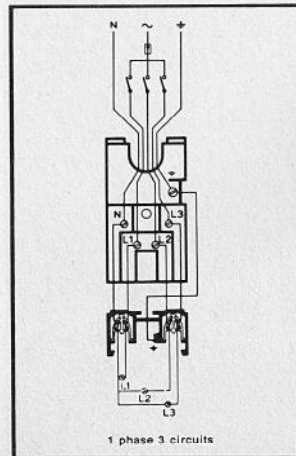


Curve showing deflection against load at various fixing centres. Deflection must not exceed 4mm.

ELECTRICAL DATA

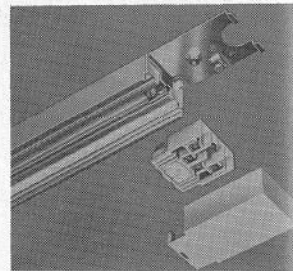
Single phase:

I (max) = 16A (see diagram)
Maximum load on 240V = 3840W.

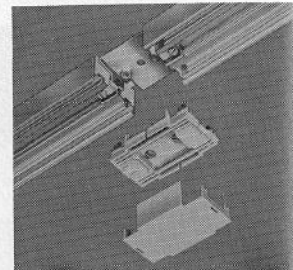


Three-phase (where permitted):

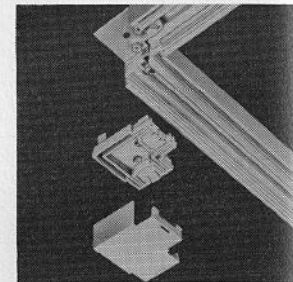
I (max) = 3 × 16A
W (max) = 3 × 3840W
16A max in neutral conductor
For lighting purposes only



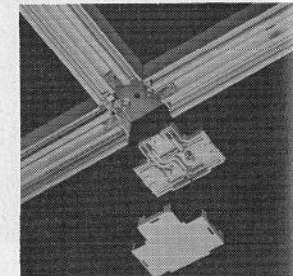
LIVE END CONNECTOR RCS 635/00
Wiring/conduit entry from back and three sides



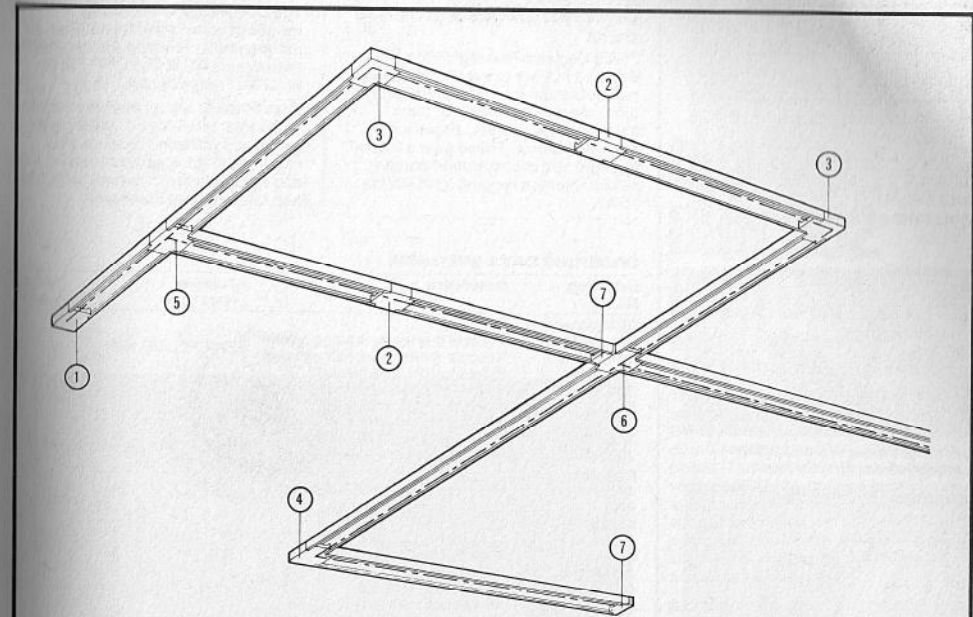
STRAIGHT COUPLER RCS 635/08
Backplate, electrical bridge, clip-on cover



L-COUPPLERS HCS 635/06 (earth outside); **RCS 635/16** (earth inside)
Backplate, electrical bridge, clip-on cover



T-COUPPLERS HCS 635/09 (earth outside); **RCS 635/19** (earth inside)
Backplate, electrical bridge, clip-on cover



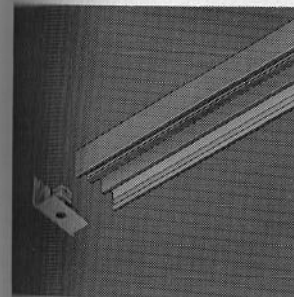
Installation viewed from below

--- represents earth conductor

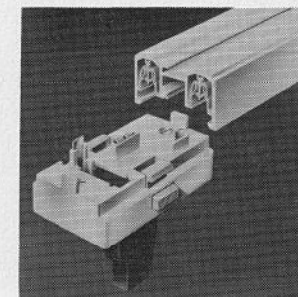
GUIDE TO ORDERING

Since the track system is polarised by an offset earth rail, it is necessary to ensure that the appropriate versions of L-couplers and T-couplers are ordered. The installation should be planned using this diagram as a guide, and starting from the live end connector to ensure track polarity.

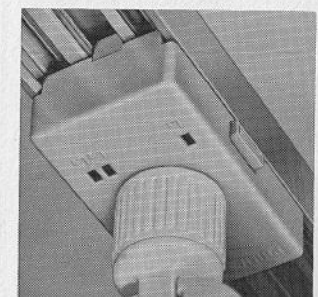
Key	Cat. No.	Description
1	RCS 635/00	Live end connector
2	RCS 635/08	Straight coupler
3	RCS 635/06	L-coupler (earth outside)
4	RCS 635/16	L-coupler (earth inside)
5	RCS 635/09	T-coupler (earth outside)
6	RCS 635/19	T-coupler (earth inside)
7	RCS 635/04	Dead end
	RCS 635/125	Lighting track 1205 mm
	RCS 635/250	Lighting track 2455 mm
	RCS 635/375	Lighting track 3705 mm



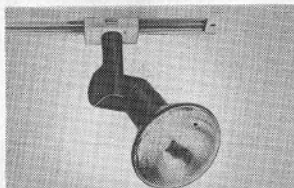
DEAD END RCS 635/04



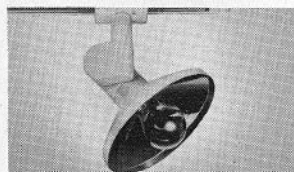
ADAPTORS feature a movable contact blade with a red circuit indicator which is visible from below.



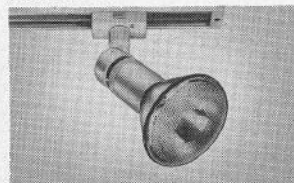
The body simply plugs into the track, and is released by depressing two side catches. The adaptor is unobtrusive and simple, with no switches or fuse.



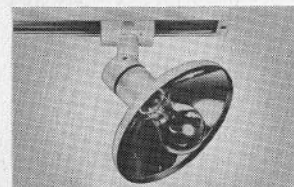
DRN 552/42 with PAR 38 lamp.



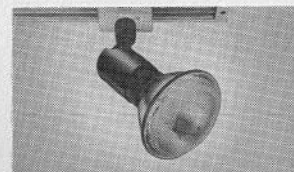
DRN 552/20 fitting with ZZZ 550/01 parabolic reflector for 100W lamp.



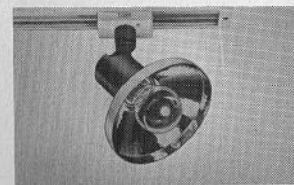
RGS 03/20 fitting with PAR 38 lamp.



RGS 03/20 fitting with GGS 04/301 parabolic reflector for 100W lamp.



DRN 352/40 fitting with PAR 38 lamp.



DRN 352/40 fitting with ZZZ 350 parabolic reflector for 60W lamp.

Display fittings for RCS 635 track

Three ranges of spotlight fittings are detailed in Data Sheet PL 1841. Some examples are illustrated here, and the three ranges together with lamp shields, reflectors and accessories are listed below. These give a total of fifty-four variations around popular reflector lamps ranging from 40W to 150W.

The DGN550, AGS and DGN350 ranges of complementary fittings for independent mounting are detailed in data sheets PL 1747, PL 1711 and PL 1707/1 respectively.

These fittings are all double insulated and constructed from durable, self-coloured synthetic materials with matching metal shields and reflectors, and are designed to comply with BS and International Standards.

ORDERING DATA (FITTINGS)

Catalogue No.	Description	Suitable lamp types	Packing quantity
DRN 552 system			
DRN 552/20	Knuckle display track fitting (white)	PAR 38*, R20, R30	4
DRN 552/42	Knuckle display track fitting (brown)		
GGS 01/20	Shield for R20 lamp (white)	R20	4
GGS 01/42	Shield for R20 lamp (brown)		
GGS 02/20	Shield for R30 lamp (white)	R30	4
GGS 02/42	Shield for R30 lamp (brown)		
ZZZ 550/01	Parabolic reflector (white)	100W bowl reflector	4
ZZZ 550/02	Parabolic reflector (brown)		
RGS 03 system			
RGS 03/20	White display track fitting	PAR 38*	4
RGS 03/42	Brown display track fitting		
GGS 01/20	Shield for R20 lamp (white)	R20	4
GGS 01/42	Shield for R20 lamp (brown)		
GGS 02/20	Shield for R30 lamp (white)	R30	4
GGS 02/42	Shield for R30 lamp (brown)		
GGS 04/300	White/green reflector	100W bowl reflector	4
GGS 04/301	White/clear reflector		
GGS 04/302	White/red reflector		
GGS 04/303	White/blue reflector		
GGS 04/304	White/yellow reflector		
GGS 04/501	Brown/clear reflector		
DRN 352 system			
DRN 352/20	Basic display track fitting (white)	PAR 38*	4
DRN 352/40	Basic display track fitting (black)		
ZZZ 350/00	Parabolic reflector	60W bowl reflector	4
All systems			
W9622	Screening ring	PAR 38 150W*	4
W9623	Red filter		
W9624	Blue filter	PAR 38 100W	4
W9626	Green filter		
W9627	Yellow filter		

*Excluding PAR 38 Cool Spot. Lamps should be ordered separately.
Please order spotlight fittings and accessories in packing quantities only.

ORDERING DATA (TRACK)

Catalogue No.	Description	Diagram code	Packing quantity
RCS 635/125	Lighting track 1205 mm	-	2
RCS 635/250	Lighting track 2455 mm	-	2
RCS 635/375	Lighting track 3705 mm	-	2
RCS 635/00	Live end connector	1	1
RCS 635/08	Straight coupler	2	1
RCS 635/06	L coupler (earth outside)	3	1
RCS 635/16	L coupler (earth inside)	4	1
RCS 635/09	T coupler (earth outside)	5	1
RCS 635/19	T coupler (earth inside)	6	1
RCS 635/04	Dead end	7	1

Please order track components in packing quantities only.

Made in Holland.

CI/SIB	(63.2)
UDC	696.6:628.976

DRN 552 DRN 352 RGS 03

Display fittings for RCS 635, 3 circuit track

The fittings in three ranges are well designed and manufactured by Philips to set high standards of durability and versatility at realistic prices. They are used in conjunction with the RCS 635 shallow-depth track system, which has four independent conductors plus earth to permit three separately switched circuits, and are supplied complete with slim-line adaptors to fit the track.

RANGE

DRN 552 system:

Knuckle display track fittings in white or brown for PAR 38, R20 or R30 lamps, matching shields for R20 or R30 lamps, and matching parabolic reflectors for 100W bowl reflector lamps.

RGS 03 system:

Display track fittings in white or brown for PAR 38 lamp, matching shields for R20 or R30 lamps and a choice of clear, green, red, blue or yellow reflectors for 100W bowl reflector lamps.

DRN 352 system:

Basic display track fittings in white or black for PAR 38 lamp, and a parabolic reflector for 60W bowl reflector lamps.

Also available is a screening ring to PAR 38 lamps, and a choice of red, blue, green or yellow filters for PAR 38 100W lamps suitable for all systems.

APPLICATIONS

- Shop window display
- Shop interior display
- Assembly areas and workshops
- Museums and galleries
- Exhibition halls
- Foyers and reception areas
- Conference rooms
- Clubs, public houses and discotheques
- Restaurants

Handbook Ref.

1.1.10/1

To reorder this data sheet quote

PL 1841

Replaces

NEW

FEATURES

■ Display fittings are supplied complete with simple adaptors (unswitched and unfused) for mounting on the track; adaptors are easily set to pick up any one of the three track circuits by means of a moveable contact blade.

■ A red window on the adaptor indicates from below which circuit is in use.

■ Track fittings match other fittings in Phillips range to give uniformity in lighting schemes: DRN 352 matches DGN 350; DRN 552 matches DGN 550 knuckle spot system and RGS 03 matches AGS system.

■ Easy-clean synthetic materials do not scratch or show fingermarks.

■ Double-insulated for safety.

■ Adaptors simply plug into the track, and are removed by depressing the side buttons.

■ Low-profile adaptors, coupled with slim track, increases headroom.

MATERIALS & FINISH

Body: Polysulphon (DRN 552), polycarbonate (DRN 352), (RGS 03)

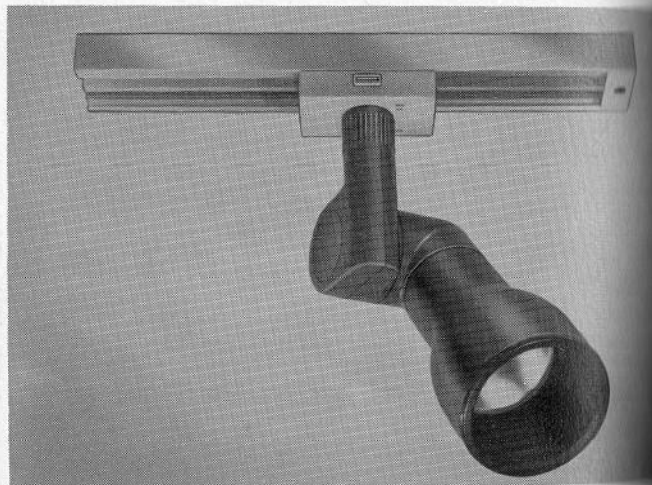
Reflectors: Brightened anodised aluminium, satin finish back

Lampholders: Porcelain ES.

RANGE OF OPERATION

For indoor use only.

100–250V (max), 2A (max).

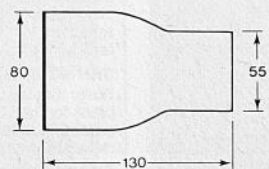


DRN 552/42 fitting with GGS 01/42 shield for R20 lamp.

DISPLAY FITTING ACCESSORIES

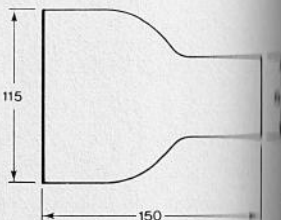
GGS 01

Shield for R20 lamp suitable for RGS 03 and DRN 552 fitting.



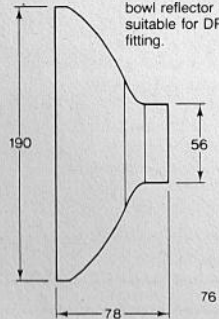
GGS 02

Shield for R30 lamp suitable for RGS 03 and DRN 552 fitting.



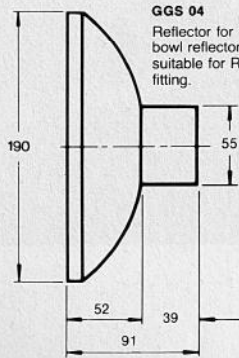
ZZZ 550

Reflector for 100W bowl reflector lamp suitable for DRN 552 fitting.



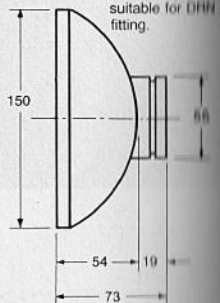
GGS 04

Reflector for 100W bowl reflector lamp suitable for RGS 03 fitting.



ZZZ 350

Reflector for 60W bowl reflector lamp suitable for DRN 352 fitting.



DRN 352 Display lighting

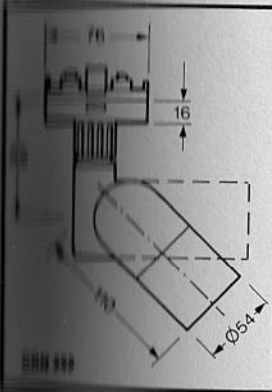
PL 1711

■ Simple, functional styling. ■ Features built to a high standard.

■ Adjustable through 330° horizontally, and 170° vertically. ■ An exceptionally large friction joint that does not require locking with a screwdriver. ■ Robust and durable body moulded from polysulphon and polycarbonate. ■ Coloured white or brown.

■ Spot size control by reflector rotation.

■ Available as a matching wall mounted fitting DRN 350. Details on Data Sheet PL 1711.



DRN 352

DRN 352 Display lighting

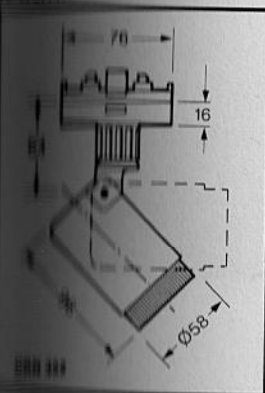
PL 1711

■ Simply styled fitting with fine lines provides effective lighting. ■ The body is moulded in black polycarbonate.

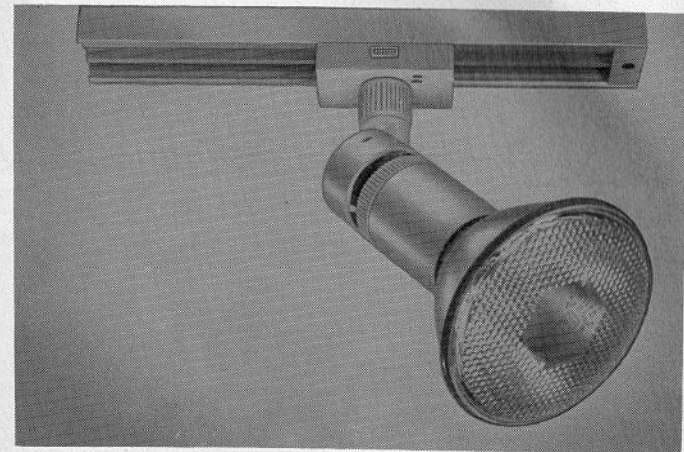
■ Field of adjustment through 330° horizontally and 85° vertically.

■ Adjustable ribbed collar is replaced with aluminium reflector when bowl lamps are used.

■ Available as a matching wall mounted fitting DRN 350. Details on Data Sheet PL 1711.



DRN 352



RGS 03/20 fitting with PAR 38 lamp.

RGS 03 Display lighting system

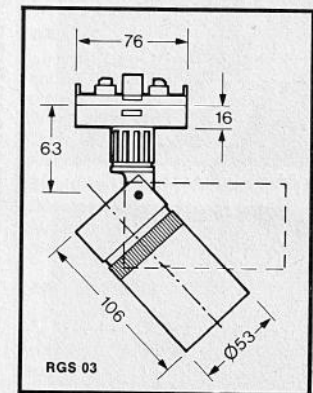
■ A knurled ring on the body enables one-handed fine focussing of the GGS 04 reflector.

■ Wide field of adjustment through 325° horizontally and 90° vertically.

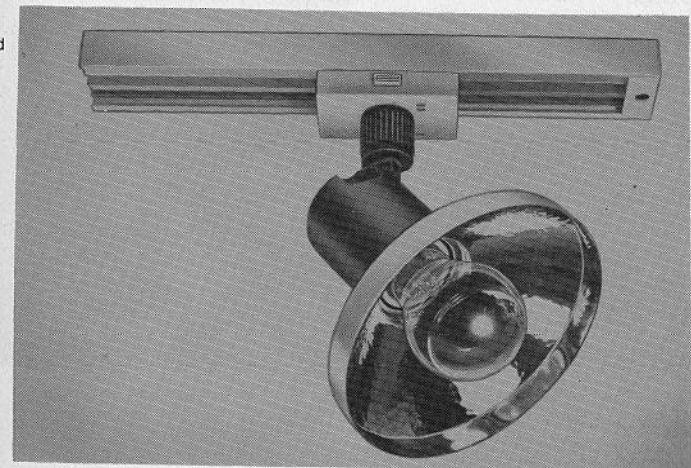
■ Robust, durable body moulded from white or brown polycarbonate.

■ Choice of coloured reflectors available.

■ Available as a matching wall mounted fitted AGS. Details on Data Sheet PL 1711.



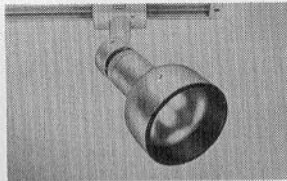
RGS 03



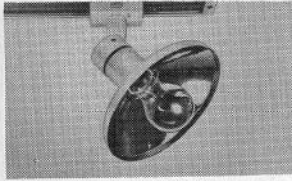
DRN 352/40 fitting with ZZZ 350/00 and 60W bowl reflector lamp.



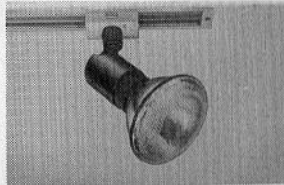
RGS 03/20 fitting with GGS 01/20 shield for R20 lamp.



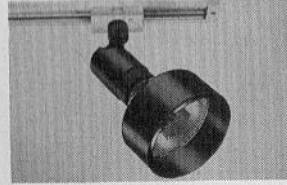
RGS 03/20 fitting with GGS 02/20 shield for R30 lamp.



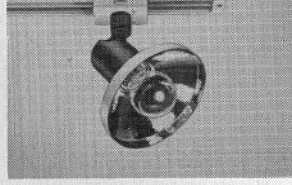
RGS 03/20 fitting with GGS 04/301 parabolic reflector for 100W lamp.



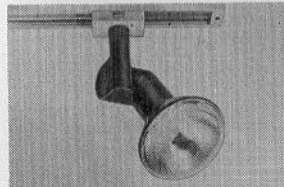
DRN 352/40 fitting with PAR 38 lamp.



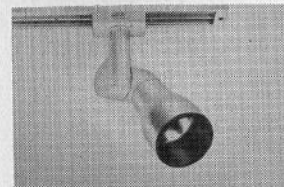
DRN 352/40 fitting with W 9622 screening ring on 150W PAR 38 lamp.



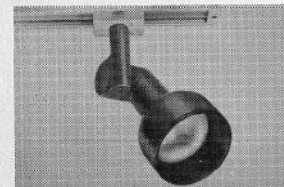
DRN 352/40 fitting with ZZZ 350 parabolic reflector for 60W lamp.



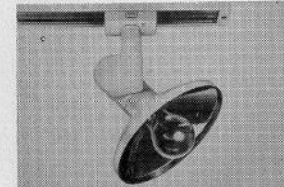
DRN 552/42 with PAR 38 lamp.



DRN 552/20 fitting with GGS 01/20 shield for R 20 lamp.



DRN 552/42 fitting with GGS 02/42 shield for R 30 lamp.



DRN 552/20 fitting with ZZZ 550/01 parabolic reflector for 100W lamp.

ORDERING DATA

Catalogue No.	Description	Suitable lamp types	Packing quantity
DRN 552 system			
DRN 552/20	Knuckle display track fitting (white)	PAR 38*, R20, R30	4
DRN 552/42	Knuckle display track fitting (brown)		
GGS 01/20	Shield for R20 lamp (white)	R20	4
GGS 01/42	Shield for R20 lamp (brown)		
GGS 02/20	Shield for R30 lamp (white)	R30	4
GGS 02/42	Shield for R30 lamp (brown)		
ZZZ 550/01	Parabolic reflector (white)	100W bowl reflector	4
ZZZ 550/02	Parabolic reflector (brown)		
RGS 03 system			
RGS 03/20	White display track fitting	PAR 38*	4
RGS 03/42	Brown display track fitting	R20	4
GGS 01/20	Shield for R20 lamp (white)		
GGS 01/42	Shield for R20 lamp (brown)	R30	4
GGS 02/20	Shield for R30 lamp (white)		
GGS 02/42	Shield for R30 lamp (brown)	100W bowl reflector	4
GGS 04/300	White/green reflector		
GGS 04/301	White/clear reflector		
GGS 04/302	White/red reflector		
GGS 04/303	White/blue reflector		
GGS 04/304	White/yellow reflector		
GGS 04/501	Brown/clear reflector		
DRN 352 system			
DRN 352/20	Basic display track fitting (white)	PAR 38*	4
DRN 352/40	Basic display track fitting (black)	60W bowl reflector	4
ZZZ 350/00	Parabolic reflector		
All systems			
W9622	Screening ring	PAR 38 150W*	4
W9623	Red filter	PAR 38 100W	4
W9624	Blue filter		
W9626	Green filter		
W9627	Yellow filter		

*Excluding PAR 38 Cool Spot.

Lamps should be ordered separately.

Please order spotlight fittings and accessories in packing quantities only:-
4 Philips knuckle spotlight fittings (white) DRN 552/20
4 Philips parabolic reflectors (white) ZZZ 550/01

Made in Holland.

CI/SIB (63.1)
UDC 696.6:628.972

VOGUE

Decorative glass fittings Matching range

A range of five matching fittings with silver or copper cylinder trims, and the option of either clear or amber glasses.

RANGE

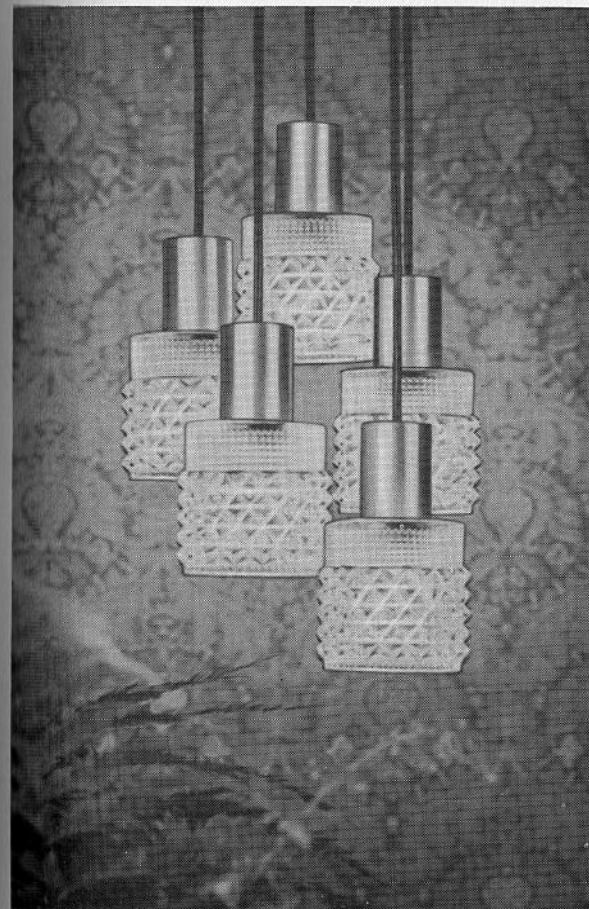
All fittings are available with silver or copper finish trims and black base-plates.

- Single pendant fitting.
- Three-way pendant fitting.
- Five-way pendant fitting.
- Single wall bracket (switched).
- Double wall bracket (unswitched).
- Amber glass with 60W clear lamp.
- Clear glass with 60W clear lamp.

APPLICATIONS

Each fitting is suitable for use, either on its own or in combination with others from the range, in situations such as:

- Living rooms
- Hallways
- Reception areas and foyers
- Hotel bedrooms
- Boardrooms
- Ballrooms
- Clubs
- Restaurants



Handbook Ref.

1.1.11

To reorder this data sheet quote

1.78 PL1791

Replaces

New

FEATURES

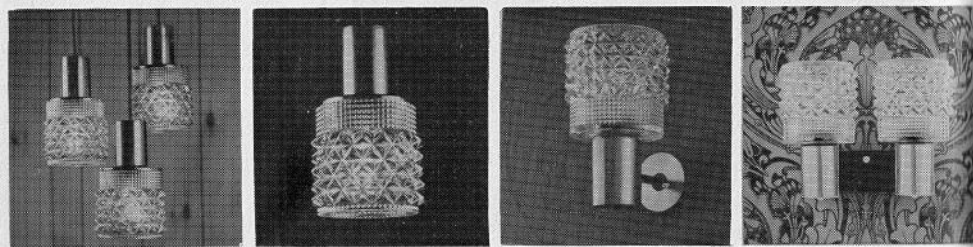
- Moulded crystal glasses of exceptionally high quality to add a dignified appearance to any environment.
- Elegant bodies in a choice of silver or copper finish blend well with modern or traditional decors.
- All fittings are prewired to simplify installation.
- Heat-resistant phenolic lampholders ensure a long and trouble-free life.
- Suspension height of pendant fittings is easily altered by shortening cables.
- Single wall bracket is fitted with pushbutton switch.
- Mounting brackets and ceiling plates are suitable for mounting on 2in BESA box fixing centres; alternatively, the fittings may be fixed with No. 8 woodscrews and suitable wall plugs.
- Each glass is supplied with one 60W clear lamp. (It is recommended that clear lamps be used, since they add sparkle to the fittings).

MATERIALS & FINISH

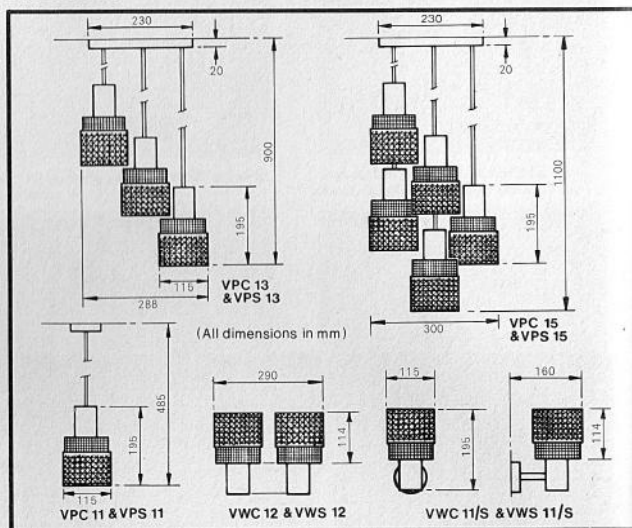
- Glass:** High-quality glass mouldings, clear or amber finish.
- Body:** Aluminium spinning, lacquered, natural or copper finish.
- Base** (single wall bracket and single pendant): Nylon 66, with self-adhesive aluminium infill trim to match body finish.
- Base** (double wall bracket): Sheet steel, (passivated), cover plate finished black.
- Ceiling plate** (3 & 5-way pendants): Steel, black finish.
- Lampholder:** BC, heat-resistant phenolic.

SPECIFICATION

- Type compliance with BS 4533 2.2.
- Class I electrical protection (earth required).
- Single pendant is double insulated (no earth required).



DIMENSIONS



ORDERING DATA & WEIGHTS

Catalogue No.	Description	Box qty.	Weight (kg/lb)
VPC.11	Single pendant, copper finish	1	0-6/1-3
VPS.11	Single pendant, silver finish	1	0-6/1-3
VWC.11/S	Single wall bracket, copper finish	1	0-6/1-3
VWS.11/S	Single wall bracket, silver finish	1	0-6/1-3
VWC.12	Double wall bracket, copper finish	1	1-5/3-2
VWS.12	Double wall bracket, silver finish	1	1-5/3-2
VPC.13	Three-way pendant, copper finish	1	2-0/4-4
VPS.13	Three-way pendant, silver finish	1	2-0/4-4
VPC.15	Five-way pendant, copper finish	1	3-7/8-2
VPS.15	Five-way pendant, silver finish	1	3-7/8-2
VGA.10	Amber glass with 60W clear lamp	1	0-8/1-8
VGC.10	Clear glass with 60W clear lamp	1	0-8/1-8

Please order in the form given in the following example. Note that it is essential to order fittings and glasses separately, and that each glass is supplied with one 60W clear lamp.
2 Philips Vogue 5-way pendant fittings VPC.15
10 Philips amber glasses VGA.10

RANGE OF OPERATION

Supply voltages up to 250V.
Maximum rating 60W per lamp.
For indoor use only.

Made in Great Britain.
Glassware made in Austria.

C/S/SB (63.1)
UDC
696.6:628.972

VCB41 VCB42

G.L.S. Close Ceiling Fittings

Enclosed circular fittings for close ceiling mounting consisting of a heat resistant black base and snap-on opal diffuser of polycarbonate. Tough, easy clean construction, ideal for use in damp atmospheres indoors or protected outdoor situations.

RANGE

- VCB 41 – Single lamp fitting up to 100 watts
- VCB 42 – Twin lamp fitting up to 100 watts per lamp maximum.

APPLICATIONS

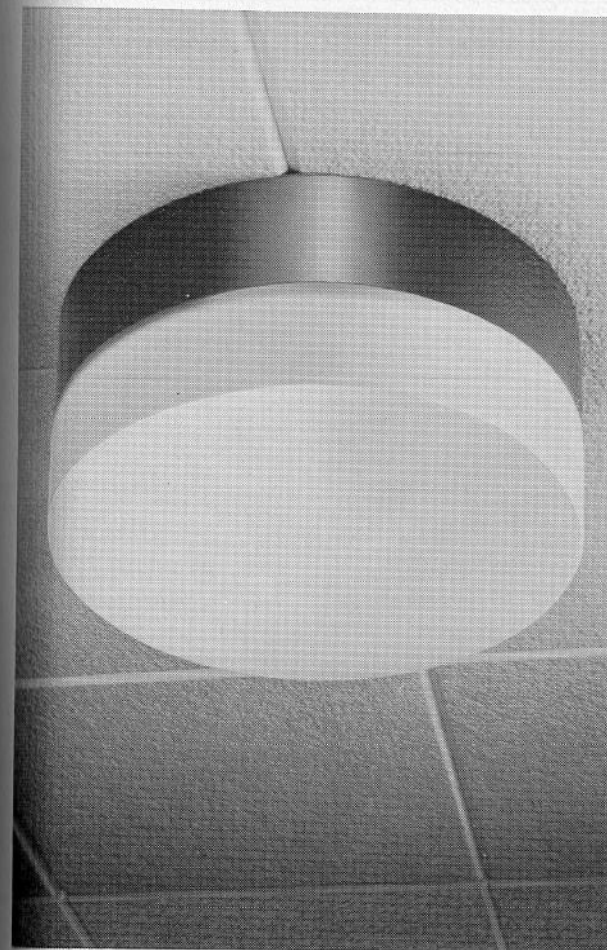
Because of the water resistant construction of this fitting it can safely be used in damp atmospheres such as:-

Domestic

- Bathroom
- Toilets
- Porches
- Corridors
- Utility Rooms
- Kitchens

Commercial/Industrial

- Amenity Lighting
- Toilets
- Entrance Halls
- Corridors
- Cloakrooms
- Staircases
- Laundries



Handbook Ref.

1.1.12

To reorder this Data Sheet quote 7.77 PL 1708

Replaces NEW

FEATURES

- Clean smooth moulded surfaces – no dust collecting ridges
- The base and diffuser are virtually unbreakable and can be used outdoors with safety in protected positions.
- The snap-on diffuser can be removed easily for relamping by means of a coin slot provided in the lip.
- Close ceiling fittings exclude dust and insects, therefore require infrequent cleaning.
- Fittings can be used with safety in damp steamy atmospheres found in laundries, bathrooms etc. Can also be used outside under canopies, covered walkways etc.
- Lampholder ceramic bayonet type.

RANGE OF OPERATION

For indoor and outdoor use in protected positions on 100 to 250V mains supply.

MATERIALS & FINISH

Base: glass reinforced polypropylene, ABS trim
Diffuser: opal polycarbonate
Lampholder(s): ceramic
Reflector: highly reflective pressed aluminium

PHOTOMETRIC DATA & WEIGHTS

BZ5 Light distribution S/H ratio 1.5.
 Light output ratio: up 7%, down 43%.
 Weight, approx: 567 gms (VCB 41)
 794 gms (VCB 42)

ORDERING DATA

Catalogue No:	Description	Packing Quantity
VCB 41	100W Opal drum fitting	2
VCB 42	200W Opal drum fitting	2

Lamps should be ordered separately.

Please order in the form given in the following example, in the multiples of the packing quantity:-
 6 Philips Opal drum fittings VCB 41

SPECIFICATION

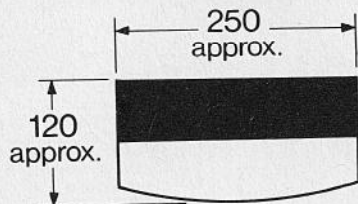
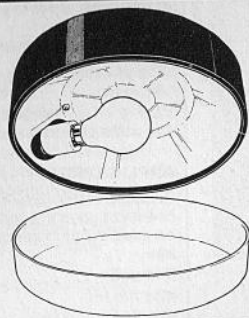
- Type Complies with BS4533 2.2.

To specify state:

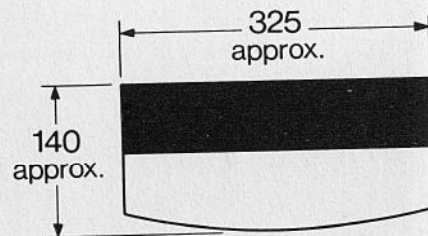
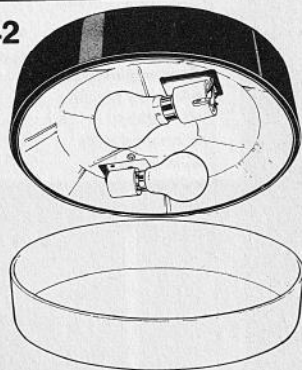
Opal and Black close ceiling drum fitting, resistant to entry of dust and insects, and with a tough polycarbonate diffuser. As Philips type VCB 41/VCB 42 for 100W / 2 x 100W maximum.

Lamp: Made in U.K.
Fitting: Made in U.K.

VCB41



VCB42



All dimensions in mm.

CI/SIB	(63.2)
UDC	696.6:628.976

VSC21/S VSS21/S VOGUE

Fully-adjustable spotlight fittings for wall or ceiling mounting, finished in copper or natural aluminium lacquers. A push-button switch is incorporated in the base.

RANGE

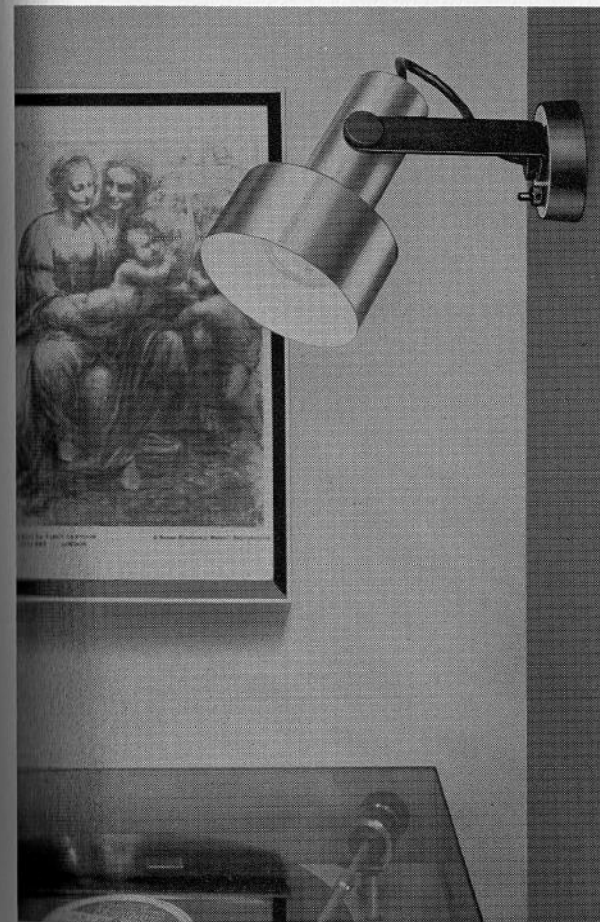
Wall or ceiling-mounting spotlight fittings:-

- VSC21/S simulated copper finish
- VSS21/S natural aluminium finish

APPLICATIONS

For use wherever local effect lighting is required, in situations such as:-

- Exhibition stands
- Museums and art galleries
- Hotels
- Bars in public houses and clubs
- Shops and boutiques
- Domestic situations



Handbook Ref

1.1.13

To reorder this data sheet quote

5/78 PL 1831

Replaces

NEW

FEATURES

- Lightweight; inside of lamphousing finished in reflective white enamel.
- Easily fixed on to standard 2in. BS mounting box, or wall or ceiling surface.
- Pushbutton switch for local control of lighting.
- Self-adhesive trim disc for base conceals fixing screws and is finished to match spotlight body.
- Contemporary styling and choice of copper or silver finish to match the Vogue decorative glass series.
- Supplied complete with 60W Superlux lamp, matching base infill trim, insulating disc and sleeves.
- Suitable for use with Philips R20 or Ro80 blown bulb reflector lamps, Superlux and K-mushroom lamps up to 60W.

MATERIALS & FINISH

Body: Aluminium, copper or natural lacquered.

Bracket: Aluminium, black anodised finish.

Base: Nylon 66, black self-coloured.

Lampholder: Brass BC.

Base infill trim: Aluminium, finished to match body, self-adhesive.

SPECIFICATION

- Type compliance with BS 4533 2.2.
- Class I electrical protection (earth required).

ORDERING DATA

Catalogue No.	Description	Cap	Packing quantity
VSC21/S	Vogue spotlight fitting, copper finish, with 60W Superlux lamp	BC	Individually packed
VSS21/S	Vogue spotlight fitting, silver finish, with 60W Superlux lamp	BC	Individually packed

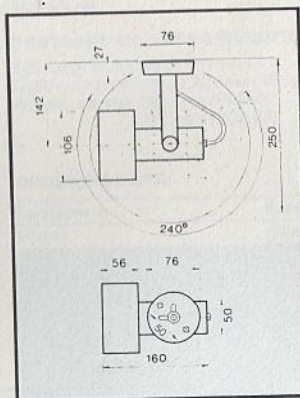
LAMP DATA

Type	Cap	Watts	Volts	Packing Quantity
R20	BC	60	240/250	25
Ro80	BC	60	240/250	25
Superlux	BC	60	240/250	25
K-Mushroom	BC	40, 60	240/250	25

RANGE OF OPERATION

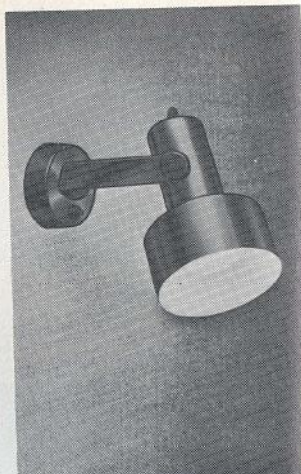
Supply voltages up to 250V.
Maximum lamp rating 60W.
For indoor use only.

DIMENSIONS & WEIGHT

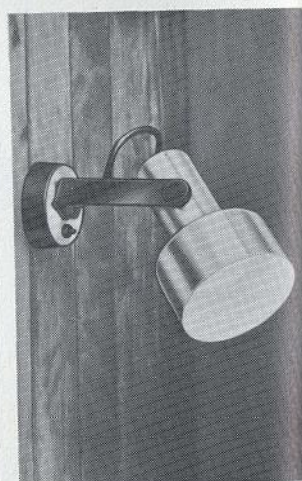


All dimensions in mm

Weight complete with lamp: 200g.



VSC21/S



VSS21/S

Made in Great Britain.



RCS 635 three circuit track with DGN 552 knuckle spots.



DGN 490 Minispot in the Van Heusen mobile showrooms.

CI/SIB	(63.2)
UDC	696.6:628.976

MINISPOT DGN 120

40 Watt Stylish Square Adjustable Mini Spotlight

A small, attractive spotlight fitting which takes the new 40 Watt R16 lamp, giving a well-controlled spotlight beam.

APPLICATIONS

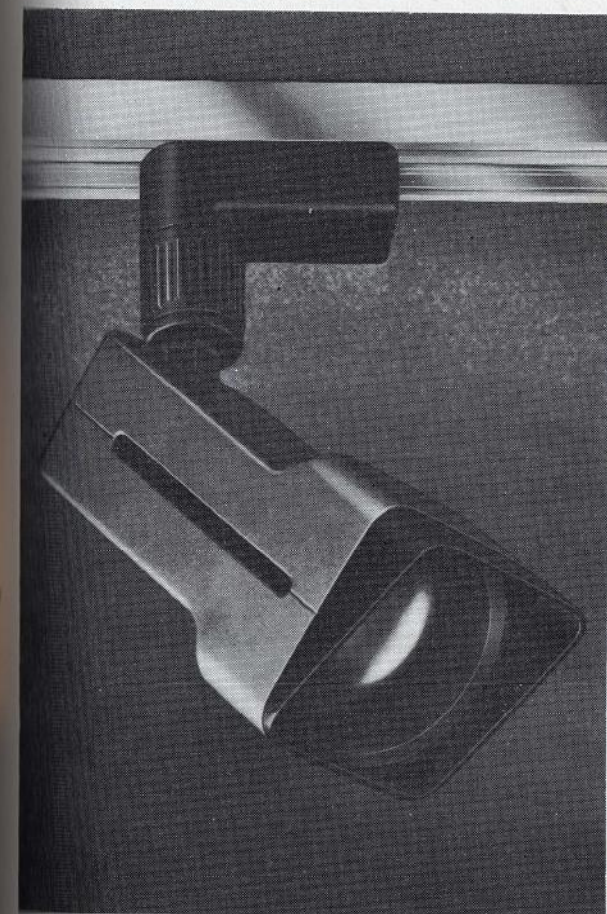
Suitable applications include:-

Domestic

- Bedhead lighting or dressing table lighting
- Pictures
- Work surface lighting
- Localised lighting for reading or sewing

Commercial

- Hotel bedrooms - bedhead console, dressing table, display areas
- Atmosphere lighting for restaurants
- Jewellers' display cabinets
- Local effects in museums and art galleries



DGN 120 shown mounted with adaptor on RCS 655 two circuit track.

INCANDESCENT FITTING

Handbook Ref.	1.1.14
To reorder this data sheet quote	PL1855
Replaces	NEW

FEATURES

- Exceptionally attractive styling, ideally suited to contemporary decor.
- Choice of three colours – white for general modern schemes, brown for subdued contemporary tones, metallic gold for dramatic effects.
- Compact and economical light source using the new Philips miniature 40W reflector lamp R16.
- Suitable for wall and ceiling mounting; easily angled having 180° lateral and 90° vertical adjustment.
- The R16 reflector lamp provides an excellent spot beam, ideal for domestic and semi-display applications.
- A double-insulated fitting, requiring only two-core cable (no earthing necessary). Fewer connections means easier and cheaper installation.
- The small size of the R16 lamp enables the fitting to be neat, compact and unobtrusive.
- Black heat-resistant polyamide diaphragm reduces reflected glare.
- Fits standard BESA box connection in base.
- Packed for retail trade in blister KombiPak for easy display.
- The blister KombiPak includes an R16 40W reflector lamp for customer convenience.

MATERIALS & FINISH

Lamp housing, shield and base: Polycarbonate.
Diaphragm: Black polyamide.
Lampholder: Ceramic.

SPECIFICATION

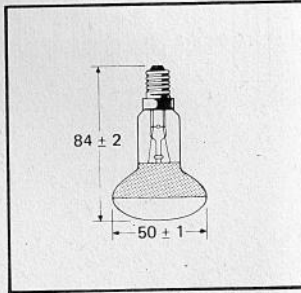
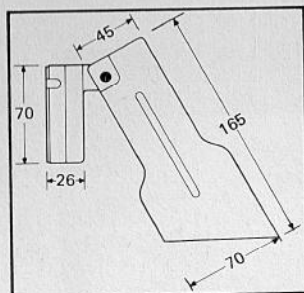
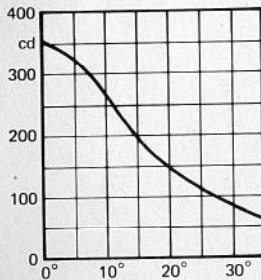
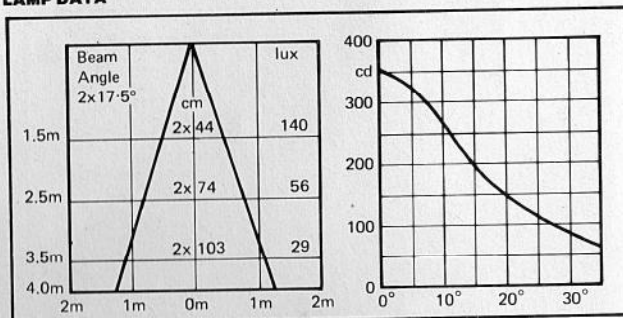
- Type complies with BS 4533 Part I and C.E.E. 25.
- Class II electrical protection (double insulated).
- VDE Test House approval mark (West Germany).
- Supply voltage up to 250V. 2A rating maximum.

To specify state:

- Miniature double-insulated, wall-mounting luminaire of square design, to incorporate a 40W reflector lamp 50mm maximum diameter such as Philips Type R16 giving 140 lux at a distance of 1.5 metres Philips DGN 120 or equivalent.

Made in Holland.

LAMP DATA



All dimensions in mm.

ORDERING DATA

Catalogue No.	Description	Box qty.	Watts	Suitable for lamp types
DGN 120/20	Minispot KombiPak (white, complete with lamp)	8	40W	R16
DGN 120/42	Minispot KombiPak (brown, complete with lamp)	8	40W	R16
DGN 120/43	Minispot KombiPak (metallic gold, complete with lamp)	8	40W	R16
R16	240V 40W SES cap reflector lamp (spare lamp)	25	—	—

CI/SIB	(63.2)
UDC	696.6:628.976

SWIVEL SCOOP Downlight Fittings

A fully-recessed downlight fitting of the eyeball type in white or brown that can be rotated to achieve the required lighting effect. For use with R30 blown bulb reflector lamps and PAR 38 pressed glass reflector lamps.

RANGE

Swivel fully-recessed for R30 and PAR 38* lamps –

Swivel FR/20 (white)
 Swivel FR/42 (brown).

*Excluding 150W Cool Spot lamp.

APPLICATIONS

Used for effect lighting in many situations, in particular:–

- Hotel reception areas, entrance halls and foyers
- Shops and boutiques
- Ballrooms and discotheques
- Exhibitions and museums
- Bars in public houses and clubs
- Boardrooms and executive offices
- Domestic effect lighting



INCANDESCENT FITTING

Handbook Ref

1.1.15

To reorder this Data Sheet quote

PL 1860

Replaces

NEW

FEATURES

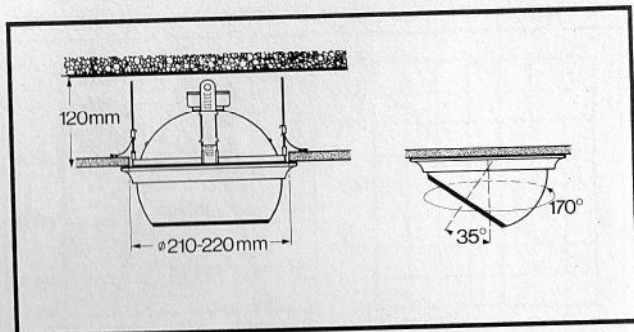
- Easily adjusted in vertical and horizontal planes by finger pressure.
 - Easily installed and connected.
 - Heat-resistant black aluminium diaphragm is shaped to accommodate R30 blown bulb or PAR 38 pressed glass lamps.
 - Distinctive cove design to ceiling bezel/plate.
 - Mark-resistant, tough polycarbonate/polyamide materials ensure easy cleaning and a long, trouble-free life.
 - Popular white or brown colour is set off by smooth black diaphragm to reduce reflected glare.
 - Fittings are supplied individually wrapped for protection.
- Scoop fittings are also available in square versions, and in round versions with optional wallwasher attachments.
- Details of Square Scoop fittings are given in Data Sheet PL 1861.
Details of Round Scoop fittings are given in Data Sheet PL 1862.

MATERIALS & FINISH

Ceiling base: Polycarbonate, self-coloured white or brown.
Lamphousing: Aluminium, white or brown.
Diaphragm: Black aluminium, removable. Smooth finish.
Lampholder: Porcelain ES.
Connector box: Polyamide.
 Weight: 600g.

SPECIFICATION

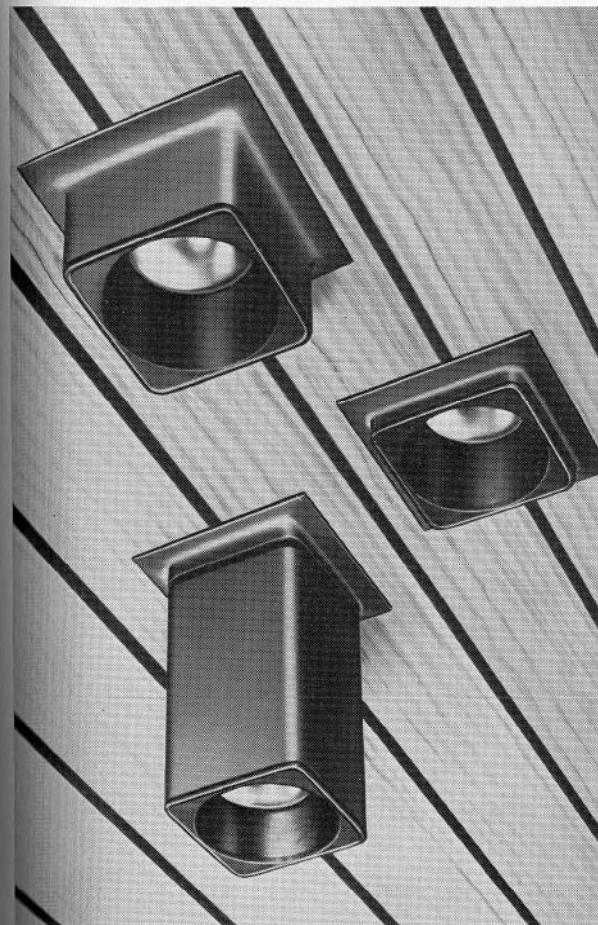
- Type compliance with BS 4533 2.2.
 - Class II electrical protection (double insulated – no earth required). Supply voltages up to 250V. Maximum rating 150W. For indoor use only.
- Country of origin:**
 Lamp: R30 made in UK; PAR 38 made in Holland.
 Fitting: made in Holland.



ORDERING DATA

Catalogue No.	Description	Box Qty.	Suitable for lamp type	Maximum Wattage
Swivel FR/20	Swivel fitting (white)	4	R30, PAR 38*	150
Swivel FR/42	Swivel fitting (brown)	4	R30, PAR 38*	150

*Excluding 150W Cool Spot lamp.
 Please order fittings in multiples of the packing quantity.
 Note that lamps must be ordered separately.



CI/SIB (63.2)
 UDC 696.6:628.976

SQUARE SCOOP Downlight Fittings

A complementary range of recessed, semi-recessed and surface-mounted downlights for use with reflector lamps and pressed glass lamps.

RANGE

Fully-recessed, semi-recessed and surface-mounted downlights, available in white or brown, and in three sizes to take the following lamps:—

	R20	R30	PAR 38*
Fully-recessed	Square FR20	Square FR30	Square FR38
Semi-recessed	Square SR20	Square SR30	Square SR38
Surface-mounted	Square SM20	Square SM30	Square SM38

*Excluding PAR 38 150W Cool Spot lamps.

APPLICATIONS

- Used for effect lighting in many situations, in particular:—
- Hotel reception areas, entrance halls and foyers
 - Shops and boutiques
 - Ballrooms and discotheques
 - Exhibitions and museums
 - Bars in public houses and clubs
 - Boardrooms and executive offices
 - Domestic work surface lighting
 - Localised lighting for reading and sewing

INCANDESCENT FITTING

Handbook Ref.

1.1.16

To reorder this Data Sheet quote

PL1861

Replaces

NEW

FEATURES

Recessed and semi-recessed versions:

- Fittings are simply pushed through ceiling apertures and are secured by strong concealed leaf springs which adjust to ceiling thicknesses up to 50mm; no fixing screws are visible.
- Quickly connected to pre-wired terminal block with cable clamps and heat-resistant wiring in covered box.
- Light weight.

Surface-mounted versions:

- Easy installation – once the ceiling plate is secured, the other components are fixed by a patented 'click' system.
- Colour-matched to recessed range, with contrasting black slotted diaphragm.
- No visible fixing screws.
- Quick electrical connection by means of heat-resistant pre-wired terminal block.

General features:

- Matching styling throughout the range.
- Distinctive cove design to ceiling/bezel plate.
- Mark-resistant, tough polycarbonate/polyamide materials ensure easy cleaning and a long, trouble-free life.
- Popular white or brown body colour is set off by black detachable grooved diaphragm which minimises reflected glare.
- Fittings are supplied individually wrapped for protection.

Scoop fittings are also available in round versions with optional wall-washer attachments, and in Swivel versions. Details of round Scoop fittings are given in Data Sheet PL 1862. Details of Swivel Scoop fittings are given in Data Sheet PL 1860.

MATERIALS & FINISH

Main body: Self-coloured polycarbonate, white or brown.

Diaphragm: Black ultramide, removable.

Connector box: Noryl.

Lampholder: Porcelain ES.

SPECIFICATION

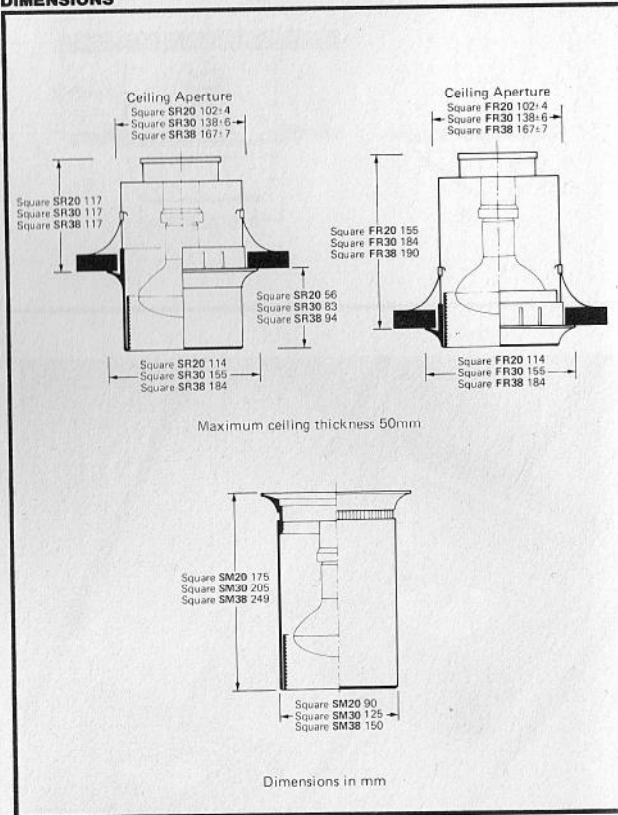
- Type compliance with BS 4533 2.2.
 - Recessed and semi-recessed versions: Class I electrical protection (earth required).
 - Surface-mounted versions: Class II electrical protection (no earth required).
- Supply voltages up to 250V. Maximum rating according to type (see Table).

For indoor use only.

Country of Origin:

Lamp: PAR 38 made in Holland; R20 & R30 made in UK. Fitting: made in Holland.

DIMENSIONS



ORDERING DATA

Catalogue No.	Description	Box Qty.	Suitable for lamp type	Maximum Wattage
Square FR20/20	White square fully-recessed unit	4	R20	60W
Square FR30/20	White square fully-recessed unit	4	R30	100W
Square FR38/20	White square fully-recessed unit	4	PAR 38*	150W
Square FR20/42	Brown square fully-recessed unit	4	R20	60W
Square FR30/42	Brown square fully-recessed unit	4	R30	100W
Square FR38/42	Brown square fully-recessed unit	4	PAR 38*	150W
Square SR20/20	White square semi-recessed unit	4	R20	60W
Square SR30/20	White square semi-recessed unit	4	R30	100W
Square SR38/20	White square semi-recessed unit	4	PAR 38*	150W
Square SR20/42	Brown square semi-recessed unit	4	R20	60W
Square SR30/42	Brown square semi-recessed unit	4	R30	100W
Square SR38/42	Brown square semi-recessed unit	4	PAR 38*	150W
Square SM20/20	White square surface-mounted unit	4	R20	60W
Square SM30/20	White square surface-mounted unit	4	R30	100W
Square SM38/20	White square surface-mounted unit	4	PAR 38*	150W
Square SM20/42	Brown square surface-mounted unit	4	R20	60W
Square SM30/42	Brown square surface-mounted unit	4	R30	100W
Square SM38/42	Brown square surface-mounted unit	4	PAR 38*	150W

*Excluding 150W Cool Spot lamp.

Please order fittings and accessories in multiples of the packing quantity. Note that lamps must be ordered separately.

CI/SIB	(63.2)
UDC	696.6:628.976

SCOOP

Downlight Fittings

A complementary range of recessed, semi-recessed and surface-mounted downlights for use with reflector lamps and pressed glass lamps. Clip-on wallwashers are available for the recessed and semi-recessed versions.

RANGE

Fully-recessed, semi-recessed and surface-mounting downlights, available in white or brown, and in three diameters to take the following lamps:-

	R20	R30	PAR 38*
Fully-recessed	FR20	FR30	FR38
Semi-recessed	SR20	SR30	SR38
Surface-mounted	SM20	SM30	SM38

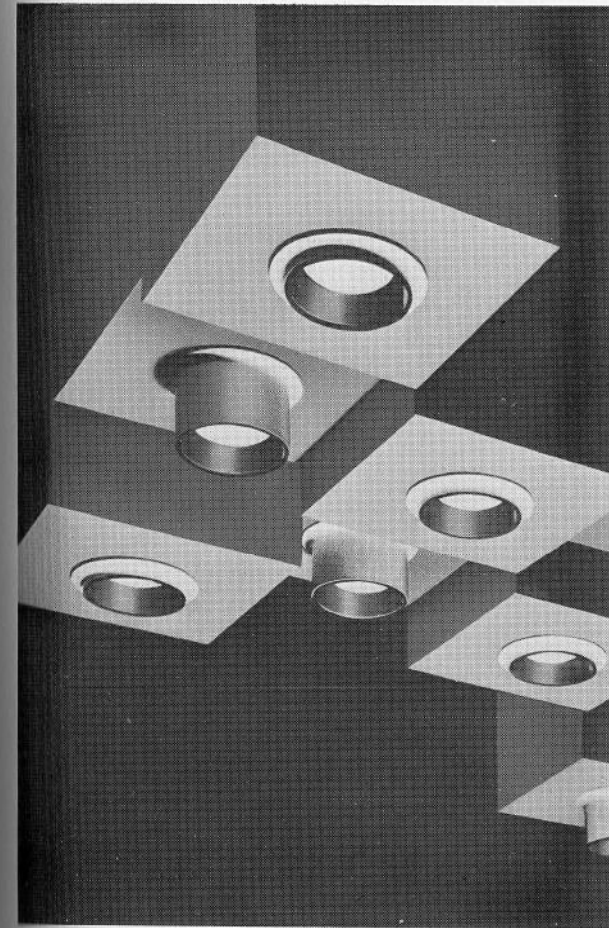
*Excluding PAR 38 150W Cool Spot lamps.

Optional wallwashers WW20 WW30 WW38 (fully- and semi-recessed versions).

APPLICATIONS

Used for effect lighting in many situations, in particular:-

- Hotel reception areas, entrance halls and foyers
- Shops and boutiques
- Ballrooms and discotheques
- Exhibitions and museums
- Bars in public houses and clubs
- Boardrooms and executive offices
- Domestic work surface lighting
- Localised lighting for reading, sewing, etc.



Handbook Ref.

1.1.17

To reorder this Data Sheet quote

PL 1862

Replaces

NEW

FEATURES

Recessed and semi-recessed versions:

- Simple fixing by strong concealed leaf springs which will adjust to ceiling thicknesses up to 50mm; no visible fixing screws.
- Quickly connected to pre-wired terminal block with cable clamp and heat-resistant wiring in covered box.
- Wallwasher attachments simply clip into position, and can be rotated through full 360°.
- Light weight.

Surface-mounted versions:

- Quick electrical connections by means of heat-resistant pre-wired terminal block.
- Colour-matched to recessed range, with contrasting black slotted gallery.
- No visible fixing screws.

General features:

- Matching styling through the range, which includes the useful miniature R20 size.
- Distinctive cove design to ceiling bezel/plate.
- Interesting wallwasher attachment gives excellent glare cut-off and is ideal for shelf or counter display, or general wallwashing.
- Mark-resistant tough polycarbonate/polyamide materials ensure easy cleaning and a long, trouble free life.
- Popular white or brown colour is set off by black detachable grooved diaphragm which minimises reflected glare.
- Fittings are supplied individually wrapped for protection.
- Scoop fittings are also available in Square and Swivel versions.
- Details of Square Scoop fittings are given in Data Sheet PL 1861.
- Details of Swivel Scoop fittings are given in Data Sheet PL 1860.

MATERIALS & FINISH

Surface-mounted fitting: Aluminium body, white or brown lacquered finish, polycarbonate base.

Recessed fittings: White or brown polycarbonate body.

Diaphragm: Black polyamide, removable.

Wallwasher attachment: White or brown polycarbonate.

Connector box: Noryl.

Lampholder: Porcelain ES.

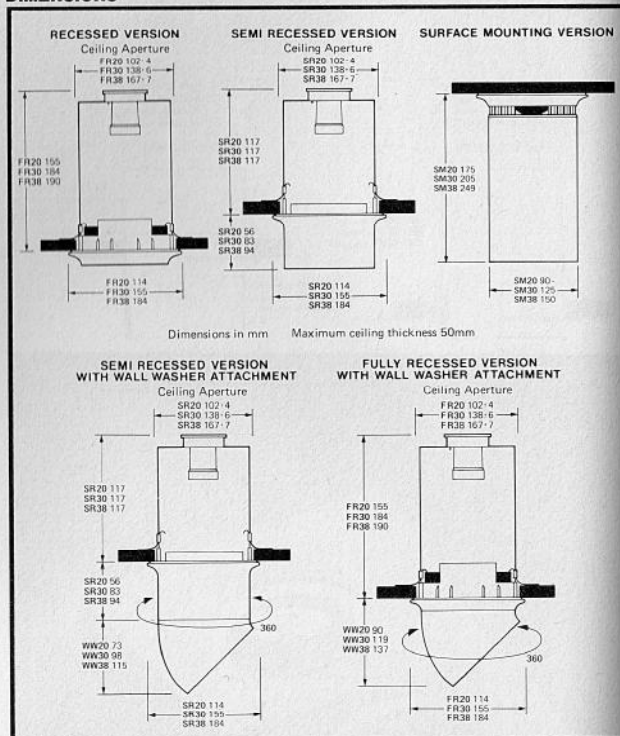
SPECIFICATION

- Type compliance with BS 4533 2.2.
- Class I electrical protection (earth required).
- Supply voltages up to 250V.
- Maximum rating according to type (see table).
- For indoor use only.

Country of Origin:

Lamp: PAR 38 made in Holland; R20 & R30 made in UK.
Fitting: made in Holland.

DIMENSIONS



ORDERING DATA

Catalogue No.	Description	Box Qty.	Suitable for lamp type	Maximum Wattage
FR20/20	White fully-recessed unit	4	R20	60W
FR30/20	White fully-recessed unit	4	R30	100W
FR38/20	White fully-recessed unit	4	PAR 38*	150W
FR20/42	Brown fully-recessed unit	4	R20	60W
FR30/42	Brown fully-recessed unit	4	R30	100W
FR38/42	Brown fully-recessed unit	4	PAR 38*	150W
SR20/20	White semi-recessed unit	4	R20	60W
SR30/20	White semi-recessed unit	4	R30	100W
SR38/20	White semi-recessed unit	4	PAR 38*	150W
SR20/42	Brown semi-recessed unit	4	R20	60W
SR30/42	Brown semi-recessed unit	4	R30	100W
SR38/42	Brown semi-recessed unit	4	PAR 38*	150W
SM20/20	White surface-mounting unit	4	R20	60W
SM30/20	White surface-mounting unit	4	R30	100W
SM38/20	White surface-mounting unit	4	PAR 38*	150W
SM20/42	Brown surface-mounted unit	4	R20	60W
SM30/42	Brown surface-mounted unit	4	R30	100W
SM38/42	Brown surface-mounted unit	4	PAR 38*	150W
Optional wallwasher attachments (FR and SR units only)				
WW20/20	White wallwasher	4	R20	60W
WW30/20	White wallwasher	4	R30	100W
WW38/20	White wallwasher	4	PAR 38*	150W
WW20/42	Brown wallwasher	4	R20	60W
WW30/42	Brown wallwasher	4	R30	100W
WW38/42	Brown wallwasher	4	PAR 38*	150W

*Excluding 150W Cool Spot lamp.
Please order fittings and accessories in multiples of the packing quantity.
Note that lamps must be ordered separately.

CI/SIB	(63.2)
UDC	696.6:628.976

RCS 655 Two Circuit Lighting Track System

Three-conductor and earth track and accessories, with a versatile range of spotlight fittings.

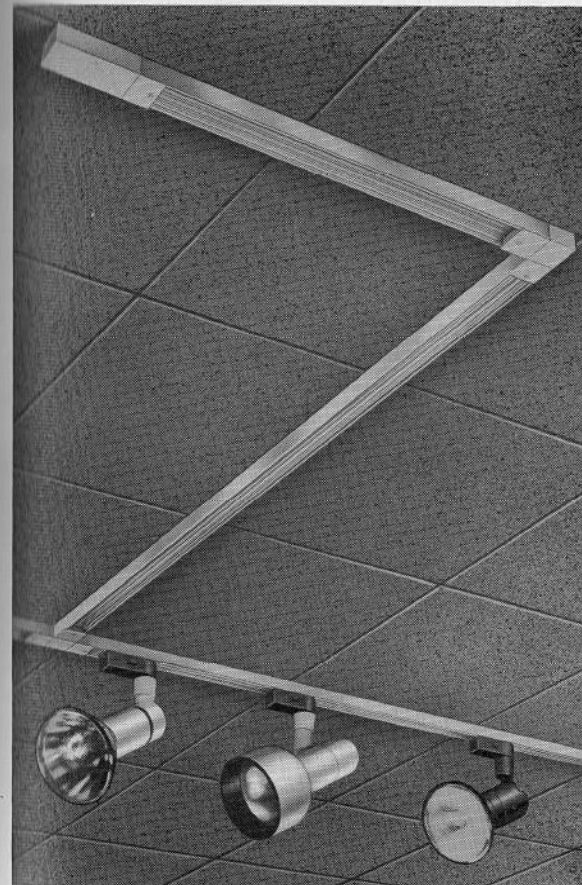
A simply-installed surface-mounted system of small dimensions and shallow depth for use on single-phase supplies at up to 16 Amps. The attractive range of fittings is designed and manufactured by Philips to set high standards of durability and versatility at realistic prices. Three independent conductors and separate earth permit two separately-switched lighting circuits.

RANGE

Extruded aluminium track in three lengths of 1m, 2m and 3m, with straight, L, T and X couplers, live end connector, ceiling plate and dead end. Six basic ranges of display fittings each with a choice of attachments to give a total of 61 variations: DRN 354 for economy; RGS 06; the stylish DRN 554; DRN 494; DRN 495; and DRN 124 Minispots.

APPLICATIONS

- Shop window display
- Shop interior display
- Assembly areas and workshops
- Museums and art galleries
- Exhibition halls
- Foyers and reception areas
- Conference rooms
- Clubs, public houses and discotheques
- Restaurants
- Domestic effect lighting



Handbook Ref.

1.118

To reorder this data sheet quote

PL 1858

Replaces

NEW

FEATURES

- Shallow depth and slim adaptors give increased headroom and neat, decorative appearance.
- Three standard track lengths; easily cut to size without the need for special tools for track preparation.
- Twin circuit permits independent switching of selected lamps.
- Except for straight coupler, track accessories are not polarised, greatly simplifying layout planning and installation.
- Simple to install; slotted track screws directly to ceiling, and conductor strip clips easily yet firmly into position.
- U-section gives resistance to bowing, with wide fixing centres.
- Each conductor rated at up to 16A, permitting loads up to 4000W at 250V.
- Simple system with few components makes ordering and stockholding easy.
- Six ranges of popular spotlight fittings and accessories; matching versions for wall/ceiling mounting are available.

DIMENSIONS

Track lengths:

- RCS 655/100 – 1.0m
- RCS 655/200 – 2.0m
- RCS 655/300 – 3.0m

Couplers:

RCS 655/08 Straight Coupler has an effective length of 2 mm. All other couplers have an effective length of 33 mm.

Live end connector:

RCS 655/01 has an effective length of 86 mm.

Central connector:

RCS 655/00 Ceiling Plate (centre) plus RCS 655/01 Live End Connector has an effective length of 130 mm.

Dead End:

RCS 655/04 has an effective length of 3 mm.

Note: The effective length of these components must be added to the track length in order to obtain the overall length of an installation.

MATERIALS & FINISH

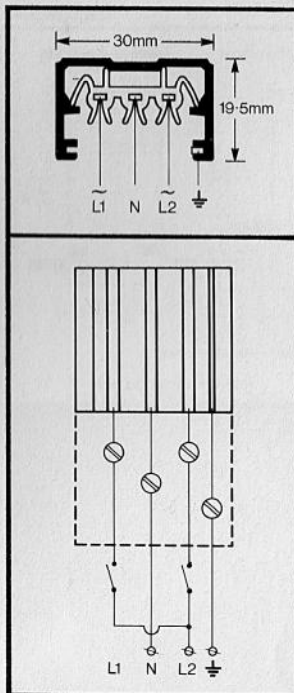
Track: Anodised aluminium extrusion, natural finish, with copper conductors in separate clip-in insulated mouldings; plated earth conductor bonded to the aluminium channel.

Couplers: Self-coloured light grey.

Adaptors: Self-coloured black.

RANGE OF OPERATION

- For dry indoor use only. Ceiling or wall mounting.



ELECTRICAL DATA

Single-phase two-circuit.
I (max) = 16A (see diagram)
Maximum load on 250V = 4000W
16A max. in neutral conductor.
Must be earthed.

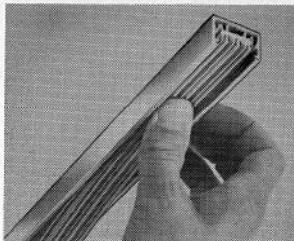
Guide to fixing

Maximum permitted load 10kg (22 lb) per metre run.
Recommended attachment points per track length (4mm screws):-
1m – 2 screws
2m – 3 screws
3m – 4 screws

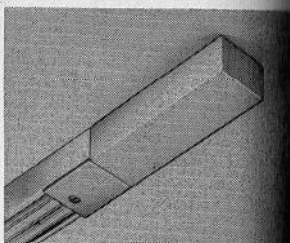
SPECIFICATION

■Designed to comply with BS.4533 (IEC 570).

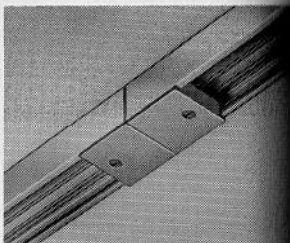
■VDE and KEMA approved.



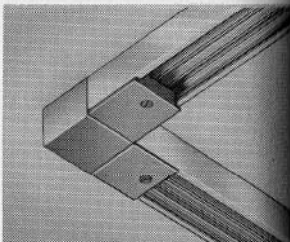
Conductor strip simply clips into channel.



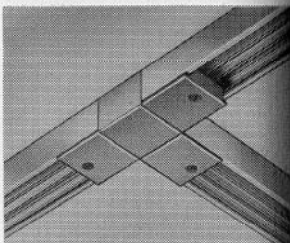
Live End Connector RCS 655/01



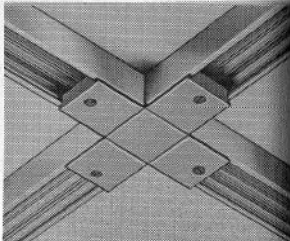
Straight Coupler RCS 655/08



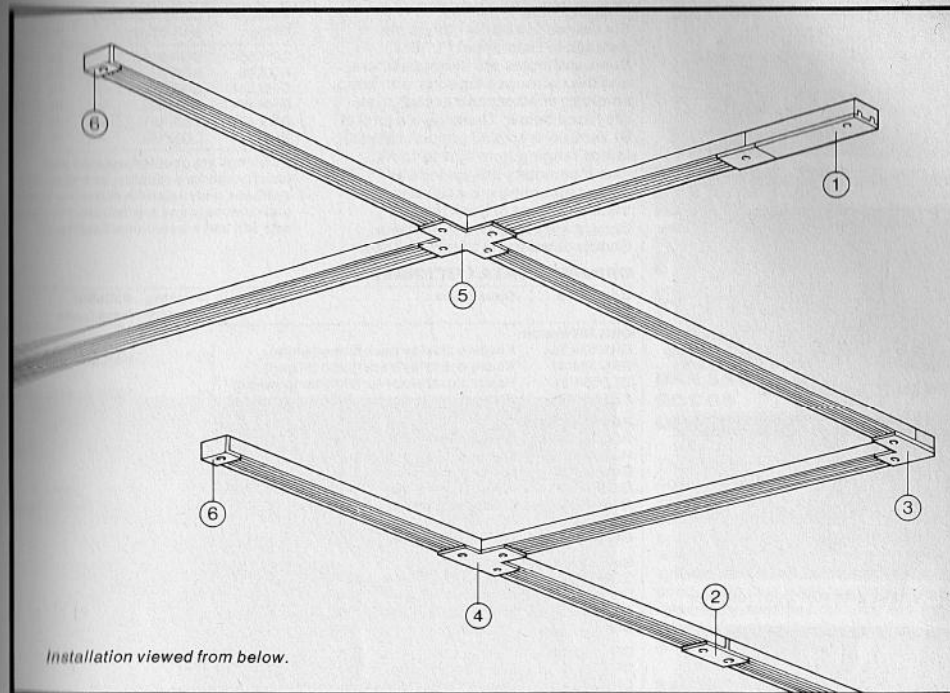
L Coupler RCS 655/06



T Coupler RCS 655/09



X Coupler RCS 655/11



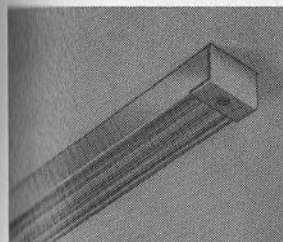
Guide to ordering

It is advisable to start installation from the Live End Connector (RCS 655/01) and ceiling plate/cover (RCS 655/00), if used.

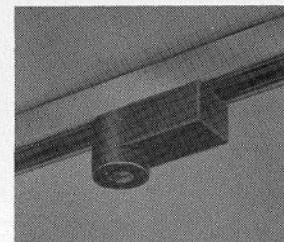
The installation should be planned using this diagram as a guide.

Ceiling Plate RCS 655/00 may be used to terminate the track to cover a large wiring aperture. It has internal locations for up to four Live End Connectors at 90°, and is neatly finished by a square cover. For use only with Live End Connectors RCS 655/01.

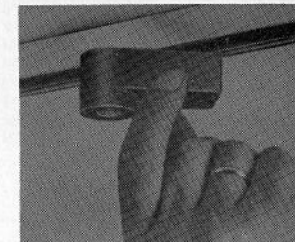
Key	Cat. No.	Description
1	RCS 655/01	Live end connector
2	RCS 655/08	Straight coupler
3	RCS 655/06	L coupler
4	RCS 655/09	T coupler
5	RCS 655/11	X coupler
6	RCS 655/04	Dead end
	RCS 655/100	Lighting track 1.0m
	RCS 655/200	Lighting track 2.0m
	RCS 655/300	Lighting track 3.0m



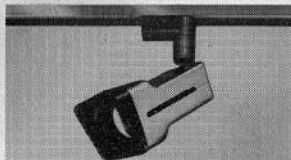
Dead End RCS 655/04



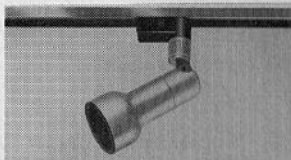
Loose Adaptor RCS 655/12 including cord grip (Not Shown).



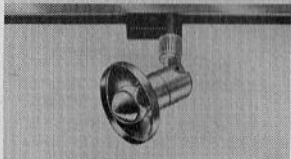
Adaptor is simply fitted by pressing adaptor at right angles onto track and turning it through 90° to left or right (depending on circuit required)



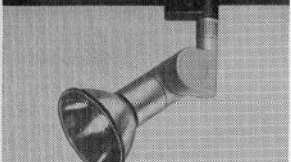
DRN 124/42 with R16 lamp



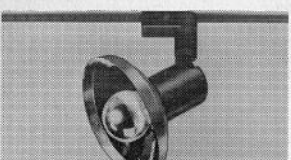
DRN 494/20 with R16 lamp



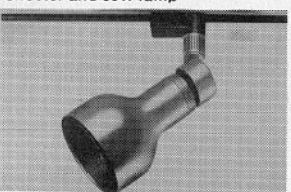
DRN 495/42 with 40W bowl reflector lamp



DRN 554/20 with PAR 38 lamp



DRN 354/40 with ZZZ 350/00 parabolic reflector and 60W lamp



RGS 06/20 with GGS 02/20 and R30 lamp

Display fittings for RCS 655 track

Six ranges of display fittings are detailed in Data Sheet PL 1857. Some examples are illustrated here, and the six ranges together with lamp shields, reflectors and accessories are listed below. These give a total of 61 variations around popular reflector lamps ranging from 40W to 150W. Complementary fittings for wall/ceiling mounting are available to match all types of track fittings. Details are contained in the Data Sheets listed in the following Table:-

ORDERING DATA (FITTINGS)

Catalogue No.	Description	Packing quantity	Suitable lamp types
DRN 554 system			
DRN 554/20	Knuckle display track fitting (white)	4	PAR 38*, R30, R20
DRN 554/42	Knuckle display track fitting (brown)		
ZZZ 550/01	Parabolic reflector for 100W lamp (white)	4	100W bowl reflector
ZZZ 550/02	Parabolic reflector for 100W lamp (brown)		
RGS 06 system			
RGS 06/20	Display track fitting (white)	4	PAR 38*, R30, R20
RGS 06/42	Display track fitting (brown)		
GGG 04/300	White/green reflector	4	100W bowl reflector
GGG 04/301	White/clear reflector		
GGG 04/302	White/red reflector		
GGG 04/303	White/blue reflector		
GGG 04/304	White/yellow reflector		
Both above systems			
GGG 01/20	Shield for R20 lamp (white)	4	R20
GGG 01/42	Shield for R20 lamp (brown)		
GGG 02/20	Shield for R30 lamp (white)	4	R30
GGG 02/42	Shield for R30 lamp (brown)		
DRN 354 system			
DRN 354/20	Basic display track fitting (white)	4	PAR 38*, R30, R20
DRN 354/40	Basic display track fitting (black)		
ZZZ 350/00	Parabolic reflector for 60W lamp	4	60W bowl reflector
Accessories for PAR 38 in above systems			
W9622	Screening ring	4	PAR 38 150W*
W9623	Red filter		
W9624	Blue filter		
W9626	Green filter		
W9627	Yellow filter		
Mini Spotlights			
DRN 494/20	White mini spot with shield	8	R16
DRN 494/42	Brown mini spot with shield		
DRN 495/20	White mini spot with parabolic reflector	8	40W bowl reflector
DRN 495/42	Brown mini spot with parabolic reflector		
DRN 124/20	White mini spot	8	R16
DRN 124/42	Brown mini spot		
DRN 124/43	Metallic gold mini spot		

*Excluding PAR 38 Cool Spot.

Please order display fittings and accessories in multiples of the packing quantities. Note that lamps must be ordered separately.

ORDERING DATA (TRACK)

Catalogue No.	Description	Diagram Code	Packing quantity
RCS 655/100	Lighting track 1m	—	1
RCS 655/200	Lighting track 2m	—	1
RCS 655/300	Lighting track 3m	—	1
RCS 655/01	Live end connector	1	1
RCS 655/00	Ceiling plate	(not shown)	1
RCS 655/08	Straight coupler	2	1
RCS 655/06	L coupler	3	1
RCS 655/09	T coupler	4	1
RCS 655/11	X coupler	5	1
RCS 655/04	Dead end	6	1
RCS 655/12	Loose adaptor	(not shown)	1

Track: Made in Holland.

Fitting- Made in Holland.

Track fitting	Complementary wall fitting	Data Sheet
DRN 554	DGN 550	— PL 170/1
RGS 06	AGS 20	— PL 171/1
DRN 354	DGN 350	— PL 174/1
DRN 494	DGN 490	— PL 120/1
DRN 495	DGN 491	— PL 183/1
DRN 124	DGN 120	— PL 188/1

All fittings are double insulated and constructed from durable, self-coloured synthetic materials with matching shields and reflectors, and are designed to comply with BSI and International Standards.

C/SIB	(63.2)
UDC	696.6:628.976

DISPLAY FITTINGS

For RCS 655 Two Circuit Track

DRN 554 **DRN 354**
RGS 06 **DRN 494**
DRN 495 **DRN 124**

The fittings in six ranges are well designed and manufactured by Philips to set high standards of durability and versatility at realistic prices. They are used in conjunction with the RCS 655 shallow-depth track system, which has three independent conductors plus earth to permit two separately-switched circuits, and are supplied complete with slim-line adaptors to fit the track.

RANGE

DRN 554 system:

Knuckle spotlight track fittings in white or brown for PAR 38, R30 or R20 lamps, matching shields for R30 or R20 lamps, and matching parabolic reflectors for 100W bowl reflector lamps.

DRN 354 system:

Basic black or white spotlight track fitting for PAR 38 lamps, and a parabolic reflector for 60W bowl reflector lamps.

RGS 06 system:

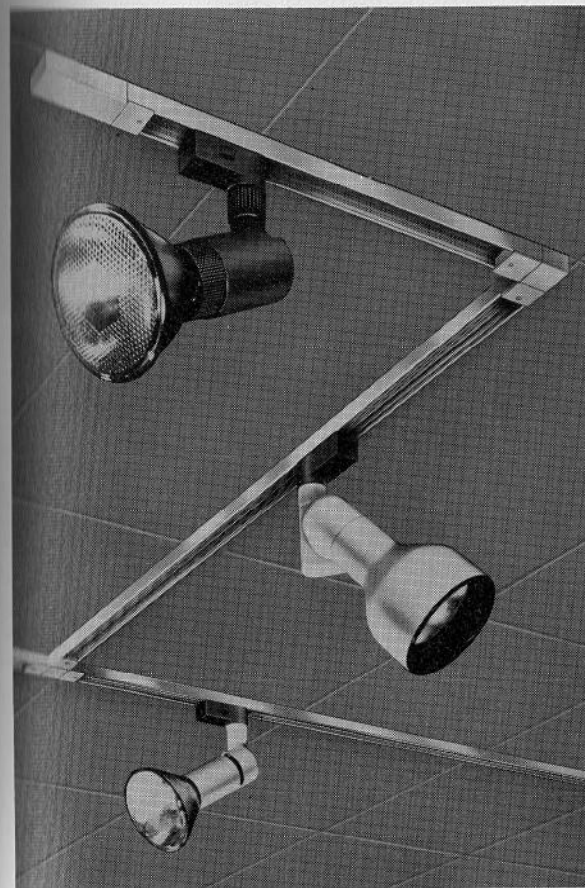
Spotlight track fittings in white or brown for PAR 38 lamps, matching shields for R30 and R20 lamps, and a choice of clear, green, red, blue or yellow reflectors for 100W bowl reflector lamps.

DRN 494 & DRN 495

Mini spotlights in white or brown, with matching shield for R16 lamp or matching parabolic reflector for 40W bowl reflector lamp.

DRN 124

Stylish square mini spotlight in white, brown and metallic gold, for R16 lamp.



Handbook Ref.

1.1.19

To reorder this data sheet quote

PL 1857

Replaces

NEW

APPLICATIONS

- Shop window display
- Shop interior display
- Assembly areas and workshops
- Museums and galleries
- Exhibition halls
- Foyers and reception areas
- Conference rooms
- Clubs, public houses and discotheques
- Restaurants
- Domestic effect lighting

FEATURES

- Display fittings are supplied complete with simple adaptors (unswitched and unfused) for mounting on the track; adaptors are simply turned through 90° either way to pick up the required circuit.
- Track fittings match wall/ceiling mounted fittings in Philips range to permit uniformity in lighting schemes.
- Easy-clean synthetic materials do not scratch or show fingermarks.
- Double-insulated for safety.
- Low-profile adaptors, combined with slim track, increase headroom and provide a neat, decorative appearance.

MATERIALS & FINISH

Body: Polysulphon (DRN 554); polycarbonate (DRN 354, RGS 06, DRN 494, DRN 495, DRN 124).

Reflectors: Brightened anodised aluminium, satin finish black.

Lampholders: Porcelain ES.

RANGE OF OPERATION

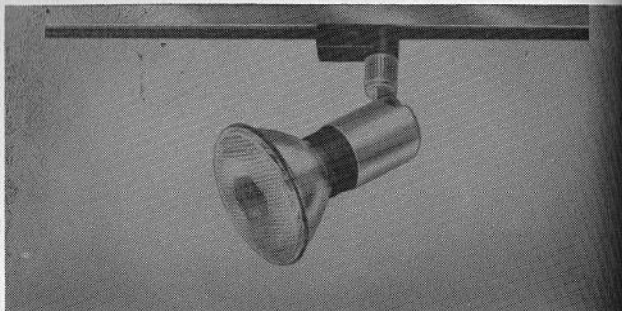
For indoor use only.
100-250V.

SPECIFICATION

- Type compliance with BS 4533 2.2.
- All fittings have Class II electrical protection (double-insulated).

DRN 354 display system

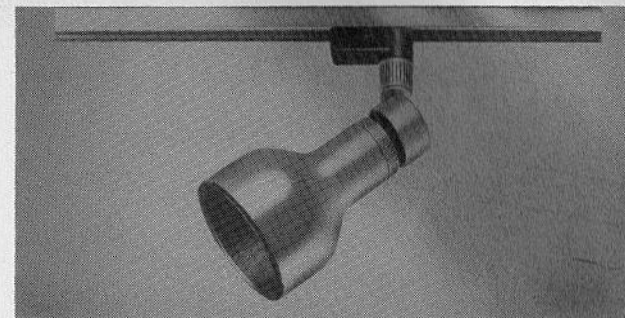
- Clean, simply-styled fitting with compact lines provides effective lighting at low cost. The body is moulded in black or white polycarbonate.
- Wide field of adjustment through 330° horizontally and 85° vertically.
- Detachable ribbed collar is replaced with aluminium reflector when bowl reflector lamps are used.



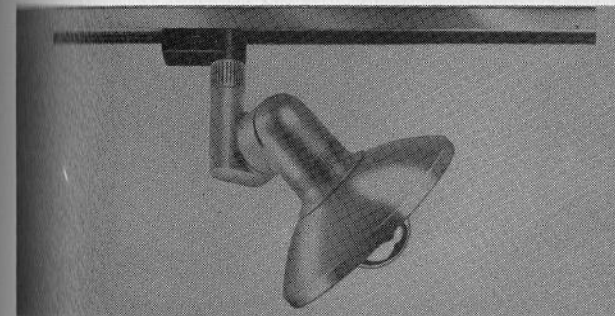
DRN 354/20 with PAR 38 lamp.

RGS 06 display system

- Knurled ring on body enables one-handed fine focussing of the GGS 04 reflector.
- Wide field of adjustment through 336° horizontally and 90° vertically.
- Robust, durable body moulded from polycarbonate, self-coloured white or brown.
- Choice of coloured reflectors available.



RGS 06/20 with GGS 02/20 shield for R30 lamp.



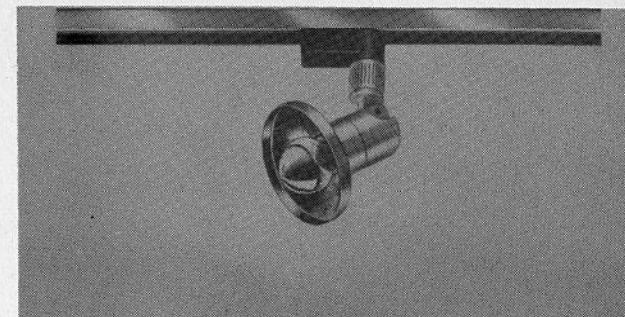
DRN 554 display system

- Attractive, functional styling embodies features built to a high specification.
- Fully adjustable through 330° horizontally, and 170° vertically, through an exceptionally large-diameter friction joint that does not require locking with a screwdriver.
- Strong and durable body moulded from polysulphon and polycarbonate self-coloured white or brown.
- Fine spot size control by reflector adjustment.

DRN 554/42 with ZZZ 550/02 parabolic reflector and 100W lamp.

DRN 494 & DRN 495 mini spot system

- Compact, unobtrusive light sources using either the Philips R16 40W reflector lamp with shield, or a 40W bowl reflector lamp with parabolic reflector.
- Easily angled, with 180° horizontal and 90° vertical adjustment.
- Choice of white or brown polycarbonate basis with matching aluminium shields or parabolic reflectors.



DRN 495/20 with 40W bowl reflector lamp.



DRN 124 mini spot system

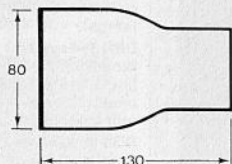
- Small, stylish square mini spotlight using the Philips R16 40W reflector lamp.
- Easily angled, with 180° horizontal and 90° vertical adjustment.
- Choice of white, brown, or metallic gold colours for dramatic effect.

DRN 124/20 with R16 lamp.

DISPLAY FITTING ACCESSORIES

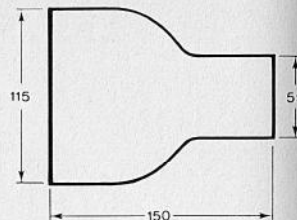
GGS 01

Shield for R20 lamp suitable for RGS 06 and DRN 554 fitting.



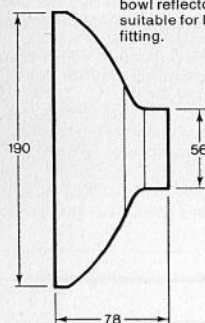
GGS 02

Shield for R30 lamp suitable for RGS 06 and DRN 554 fitting.



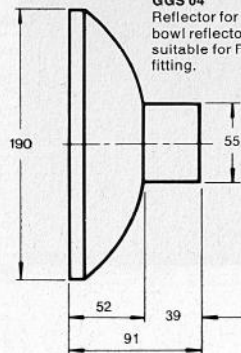
ZZZ 550

Reflector for 100W bowl reflector lamp suitable for DRN 554 fitting.



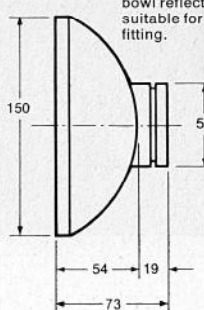
GGS 04

Reflector for 100W bowl reflector lamp suitable for RGS 06 fitting.



ZZZ 350

Reflector for 60W bowl reflector lamp suitable for DRN 354 fitting.

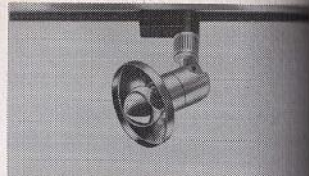




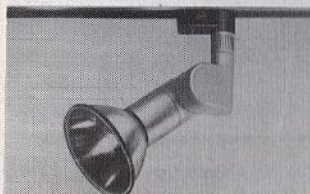
DRN 124/42 with R16 lamp.



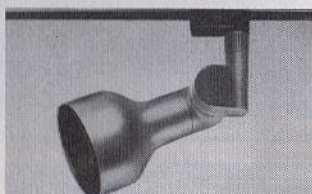
DRN 494/20 with R16 lamp.



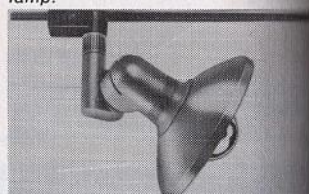
DRN 494/42 with 40W bowl reflector lamp.



DRN 554/20 with PAR 38 lamp.



DRN 554/20 with GGS 02/20 shield for R30 lamp.



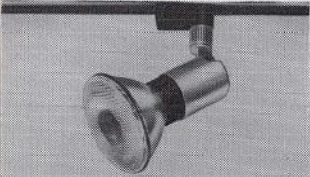
DRN 554/20 with ZZZ 550/01 parabolic reflector and 100W lamp.



RGS 06/20 with GGS 01/20 shield for R20 lamp.



RGS 06/20 with GGS 04/301 parabolic reflector and 100W lamp.



DRN 354/20 with PAR 38 lamp.



DRN 354/40 with ZZZ 350/00 parabolic reflector and 60W lamp.

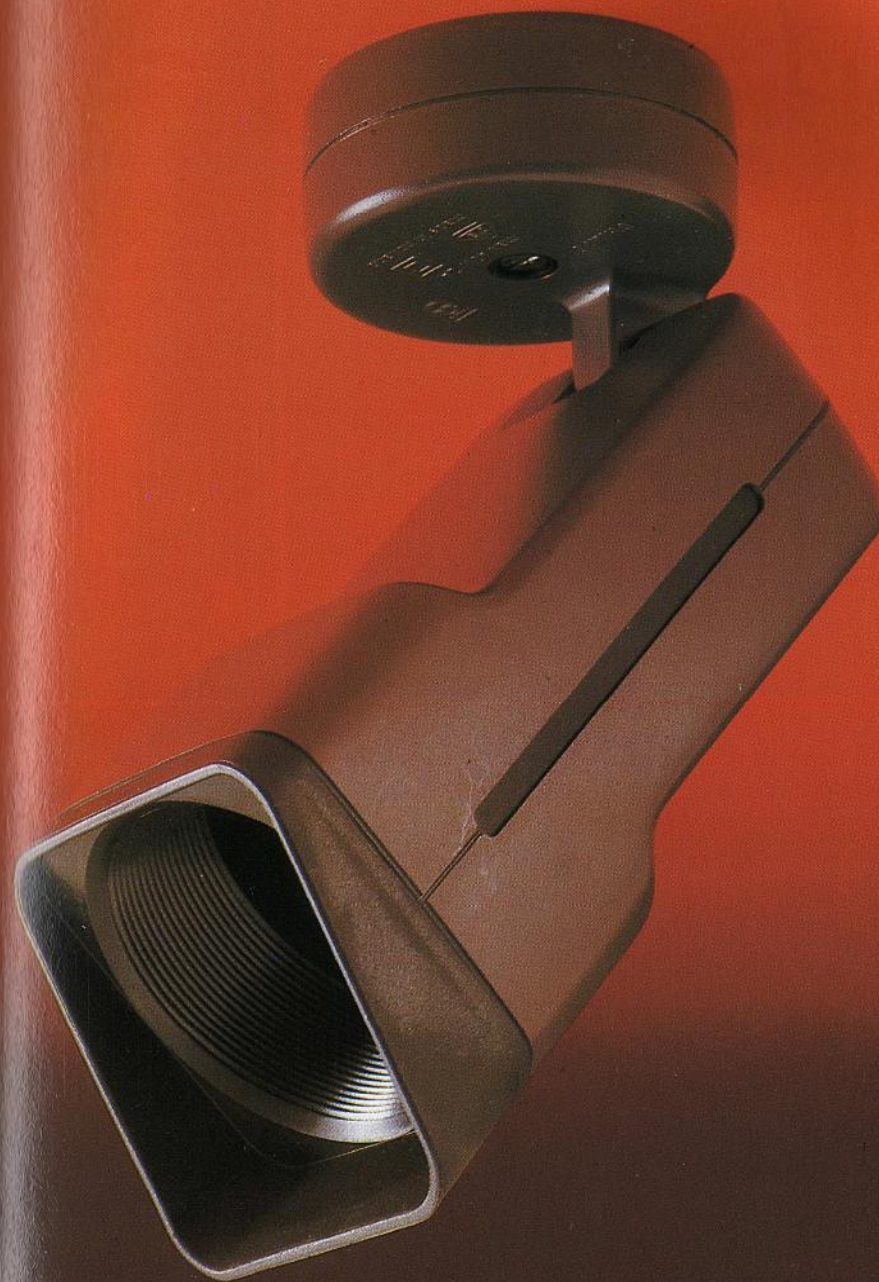
ORDERING DATA

Catalogue No.	Description	Packing quantity	Suitable lamp types
DRN 554 system			
DRN 554/20	Knuckle display track fitting (white)	} 4	PAR 38*, R30, R20
DRN 554/42	Knuckle display track fitting (brown)		
ZZZ 550/01	Parabolic reflector for 100W lamp (white)	} 4	100W bowl reflector
ZZZ 550/02	Parabolic reflector for 100W lamp (brown)		
RGS 06 system			
RGS 06/20	Display track fitting (white)	} 4	PAR 38*, R30, R20
RGS 06/42	Display track fitting (brown)		
GGG 04/300	White/green reflector	} 4	100W bowl reflector
GGG 04/301	White/clear reflector		
GGG 04/302	White/red reflector		
GGG 04/303	White/blue reflector		
GGG 04/304	White/yellow reflector		
Both above systems			
GGG 01/20	Shield for R20 lamp (white)	} 4	R20
GGG 01/42	Shield for R20 lamp (brown)		
GGG 02/20	Shield for R30 lamp (white)	} 4	R30
GGG 02/42	Shield for R30 lamp (brown)		
DRN 354 system			
DRN 354/20	Basic display track fitting (white)	} 4	PAR 38*, R30, R20
DRN 354/40	Basic display track fitting (black)		
ZZZ 350/00	Parabolic reflector for 60W lamp	4	60W bowl reflector
Accessories for PAR 38 in above systems			
W9622	Screening ring	4	PAR 38 150W*
W9623	Red filter	} 4	PAR 38 100W
W9624	Blue filter		
W9626	Green filter		
W9627	Yellow filter		
Mini Spotlights			
DRN 494/20	White mini spot with shield	} 8	R16
DRN 494/42	Brown mini spot with shield		
DRN 495/20	White mini spot with parabolic reflector	} 8	40W bowl reflector
DRN 495/42	Brown mini spot with parabolic reflector		
DRN 124/20	White mini spot	} 8	R16
DRN 124/42	Brown mini spot		
DRN 124/43	Metallic gold mini spot		

*Excluding PAR 38 Cool Spot.

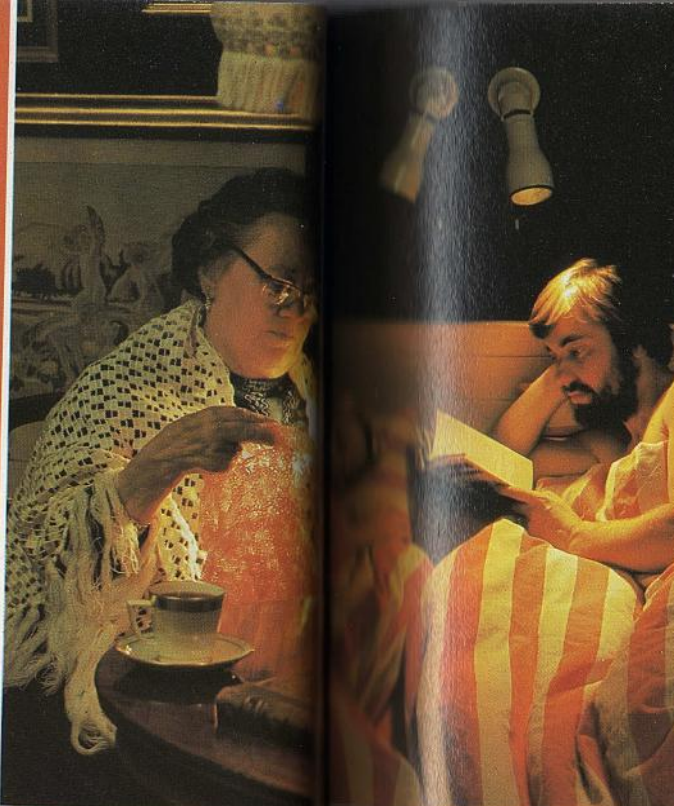
Please order display fittings and accessories in multiples of the packing quantities. Note that lamps must be ordered separately.

Made in Holland





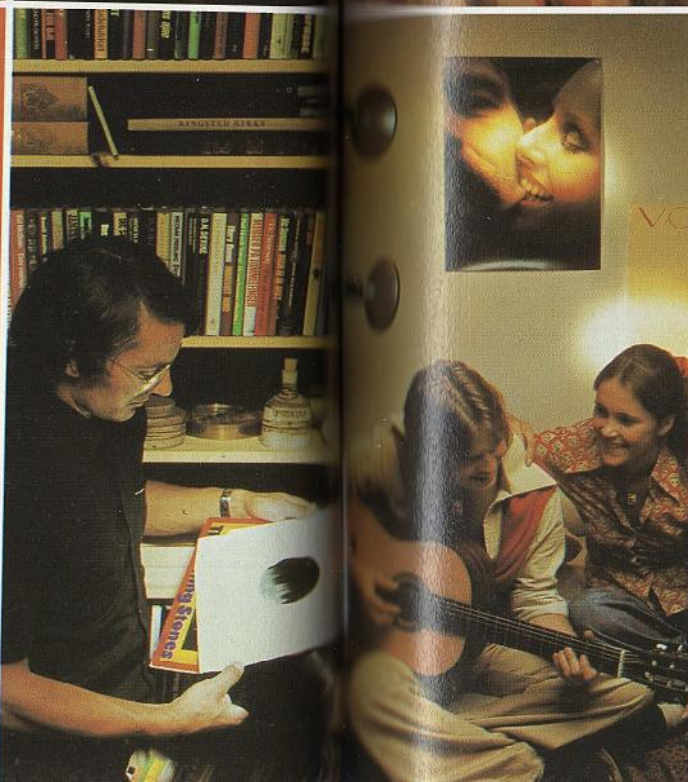
DGN 491
MINISPOT
details on page 3



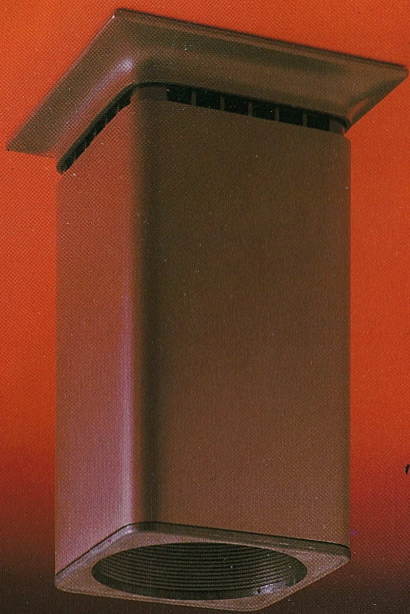
AGS 20
SPOTLIGHT SYSTEM
details on page 7



DGN 550
KNUCKLE SPOT SYSTEM
details on page 17



DGN 490
MINISPOT
details on page 1



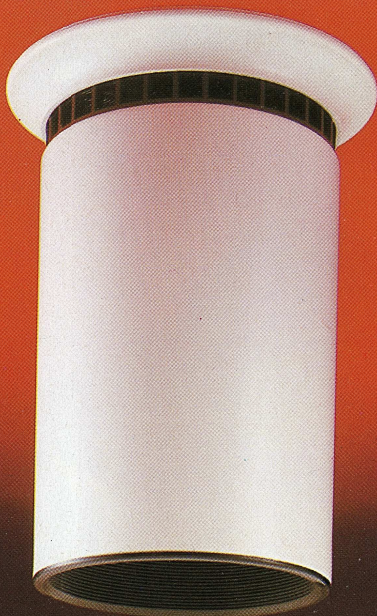
SQUARE SCOOP
DOWNLIGHT FITTING
details on page 37



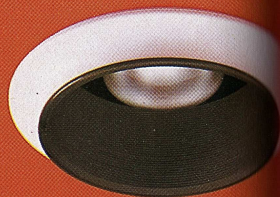
SEMI RECESSED



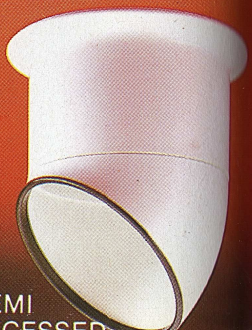
FULLY RECESSED



SCOOP
DOWNLIGHT FITTING
details on page 39



FULLY RECESSED



SEMI
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