

TECHNICAL CHARACTERISTICS

COMPLIANCE WITH STANDARDS

EN 60598-1 - EN 60598-2-1

MATERIALS AND FINISHES

Casing:	polycarbonate grey RAL 7035
Impact resistance:	20 J
Glow wire test:	850°C
Diffuser:	prismatized transparent polycarbonate stabilized to U.V. rays.
Impact resistance:	20 J
Glow wire test:	850°C
Reflector:	white pre-painted steel
Seal:	neoprene
Diffuser closing clips:	stainless steel

WIRING

Supply unit:	internal
Lampholder:	polycarbonate
Three-pole supply terminal (class I), two-pole (double insulation version):	polyamide for cables of cross-section 2.5 mm ²
Cables:	rigid, PVC insulated (class I), strengthened insulation (double insulation version)
Cos φ:	≥ 0.9

ACCESSORIES SUPPLIED

Cable gland:	Pg 13.5 for cables Ø 9÷12.5 mm
Stepped gland:	Ø 20 mm
Reflector support clamps:	polyamide
Suspension clips:	polyamide
M6 nut and stud bolt for fixing busbar with clips:	steel
Packaging:	corrugated cardboard

BEHAVIOUR WITH CHEMICAL AND CORROSIVE AGENTS*

Water	Sea air	Acids	Bases	Ketones	Spirits	Silicone oil	Oils/Greases	Petrol
Resistant	Resistant	Limited resistance	Limited resistance	Limited resistance	Resistant	Resistant	Limited resistance	Limited resistance

* For behaviour with other chemical agents, see the section "Technical information".

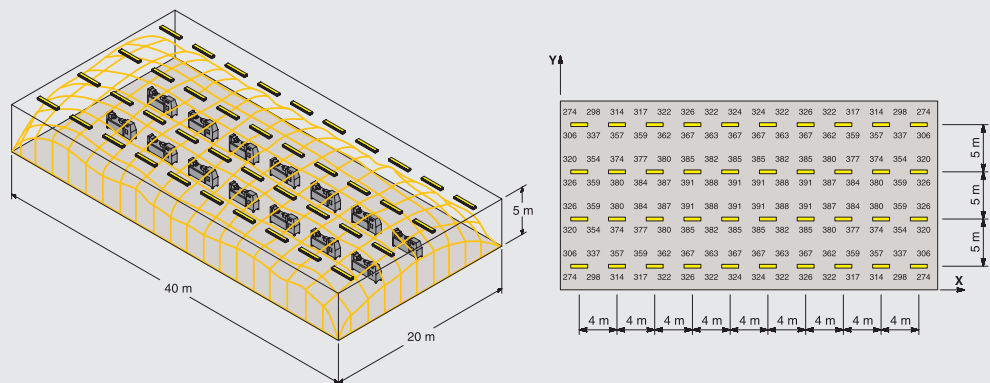
** The presence of oils and solvents deriving from machining jeopardizes the structural integrity of the luminaires.

DESIGN SOLUTIONS

Requirement:

Lighting industrial shed 40x20 m,
in accordance with CIE
recommendations for work on
machines and at bench.

Design Solution:



Luminaire Code	Type of optics	Type of lamp	Lamp flux (lm)	N° of lamps per luminaire	Total N° luminaires	Total Power kW	Average lighting E _m (lux)	Uniformity E _{min} /E _{med} / E _{min} /E _{max}
GW80006	DIFFUSED	FD 58W	5200	2	40	5,7	352	0.78 0.70

ZNT RANGE

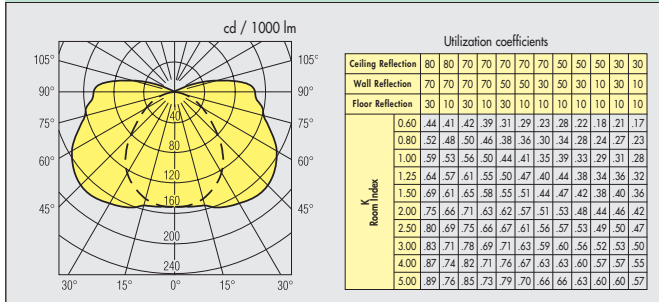
WATERTIGHT POLYCARBONATE CEILING-MOUNTING LUMINAIRES



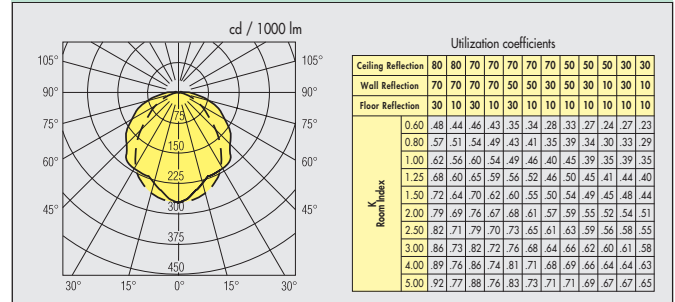
TECHNICAL CHARACTERISTICS

PHOTOMETRIC CURVES

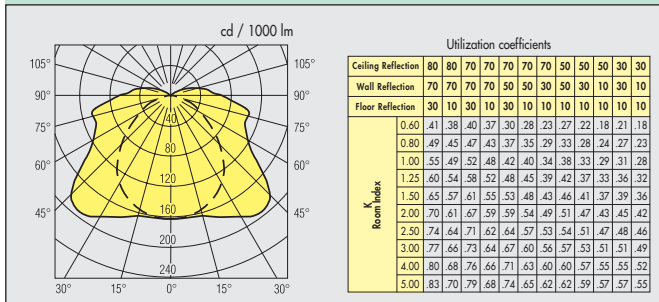
ZNT 1x58W FD DIFFUSED OPTICS



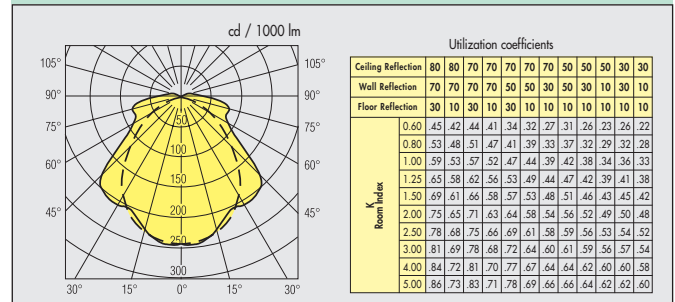
ZNT 1x58W FD RESTRICTED BEAM OPTICS



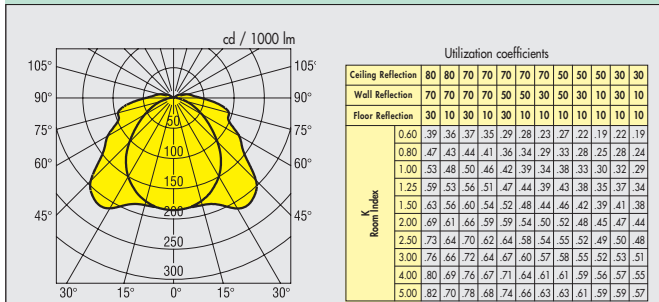
ZNT 2x58W FD DIFFUSED OPTICS



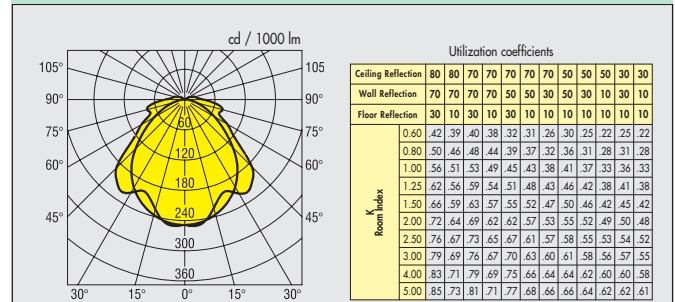
ZNT 2x58W RESTRICTED BEAM OPTICS



ZNT 4x55W FSD DIFFUSED OPTICS



ZNT 2x58W RESTRICTED BEAM OPTICS



DIMENSION TABLES

ZNT

